

# US DOMESTIC

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 **HANATECH CO.,LTD.**

**AMERICAN CARS  
COVERAGE LIST  
GM USA COVERAGE - POWERTRAIN**

AUG 18 2006

GM USA-V1.50

✓ Support

CLASS	ENGINE TYPE	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	
Passenger car	(4) 0.8L L3 LBF	✓	✓	-	-	-	-	-	-	-	-	-	
	(K) 0.8L L3 LBF	✓	✓	-	-	-	-	-	-	-	-	-	
	(0) 1.0L L4 LA2	✓	✓	-	-	-	-	-	-	-	-	-	
	(J) 1.0L L4 LA2	✓	✓	-	-	-	-	-	-	-	-	-	
	(6) 1.0L L3 LP2	-	-	-	-	-	✓	-	-	-	-	-	
	(T) 1.2L L4 LY4	✓	✓	-	-	-	-	-	-	-	-	-	
	(2) 1.3L L4 LY8	-	-	-	-	✓	✓	✓	✓	-	-	-	
	(9) 1.3L L4 L72	-	-	-	-	-	-	-	-	✓	✓	✓	
	(7) 1.4L L4 L95	✓	✓	-	-	-	-	-	-	-	-	-	
	(A) 1.4L L4 LBJ	✓	✓	-	-	-	-	-	-	-	-	-	
	(Y) 1.5L L4 LV8	✓	✓	-	-	-	-	-	-	-	-	-	
	(6) 1.6L L4 L91	✓	✓	-	-	-	-	-	-	-	-	-	
	(U) 1.6L L4 L91	✓	✓	-	-	-	-	-	-	-	-	-	
	(X) 1.6L L4 LLQ	✓	✓	-	-	-	-	-	-	-	-	-	
	(3) 1.8L L4 L79	✓	✓	-	-	-	-	-	-	-	-	-	
	(8) 1.8L L4 LV6	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	-	
	(L) 1.8L L4 LNK	✓	✓	✓	-	-	-	-	-	-	-	-	
	(Z) 2.0L L4 L34	✓	✓	-	-	-	-	-	-	-	-	-	
	(F) 2.2L L4 L61	✓	✓	✓	✓	-	-	-	-	-	-	-	
	(6) 2.2L L4 L42 ALTER FUEL	-	-	✓	-	-	-	-	-	-	-	-	
	(4) 2.2L L4 LN2	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	
	(4) 2.2L L4 LN2 ALTER FUEL	-	-	-	✓	✓	✓	✓	✓	-	-	-	
	(4) 2.2L L4 LN2 Bi-FUEL	-	-	-	-	-	-	-	-	✓	-	-	
	(D) 2.3L L4 LD2	-	-	-	-	-	-	-	-	-	-	-	✓
	(T) 2.4L L4 LD9	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-
	(T) 2.4L L4 LD9 SUPERCHARGED	-	-	-	✓	✓	✓	✓	-	-	-	-	-
	(L) 2.5L L6 LBK	✓	✓	-	-	-	-	-	-	-	-	-	-
	(M) 2.6L V6 LY9	✓	✓	✓	-	-	-	-	-	-	-	-	-
	(R) 3.0L V6 L81	✓	✓	-	-	✓	✓	✓	✓	✓	✓	-	-
	(J) 3.1L V6 LG8	-	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(M) 3.1L V6 L82	-	-	-	-	-	-	-	✓	✓	✓	✓	-

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	(N) 3.2L V6 LA3	-	✓	✓	-	-	-	-	-	-	-	-
	(E) 3.4L V6 LA1	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(X) 3.4L V6 LQ1	✓	✓	-	-	-	-	-	✓	✓	-	-
	(H) 3.5L V6 LX5	-	-	-	✓	✓	✓	✓	-	-	-	-
	(1) 3.8L V6 L67	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	(2) 3.8L V6 L26	✓	✓	-	-	-	-	-	-	-	-	-
	(4) 3.8L V6 L32	✓	✓	-	-	-	-	-	-	-	-	-
	(K) 3.8L V6 L36	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	(C) 4.0L V8 L47	-	-	✓	✓	✓	-	✓	✓	✓	✓	-
	(8) 4.0L V8 - SHELBY	-	-	-	-	-	-	✓	✓	-	-	-
	(W) 4.3L V8 L99	-	-	-	-	-	-	-	-	-	✓	-
	(Y) 4.6L V8 LD8	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	(9) 4.6L V8 L37	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	(5) 5.7L V8 LT4	-	-	-	-	-	-	-	-	-	✓	-
	(G) 5.7L V8 LS1	-	✓	✓	✓	✓	✓	✓	✓	-	-	-
	(P) 5.7L V8 LT1	-	-	-	-	-	-	-	-	✓	✓	-
	(S) 5.7L V8 LS6	✓	✓	✓	✓	✓	-	-	-	-	-	-
	(H) 6.0L V8 LS2	-	-	-	-	-	-	-	-	-	-	-
	BONNEVILLE	✓	✓	-	-	-	-	-	-	-	-	-
	LESABRE	✓	✓	-	-	-	-	-	-	-	-	-
Light Duty Truck	(U) 1.6L L4 LS5	-	-	-	-	-	-	-	-	-	-	✓
MPV	(6) 1.6L L4 L01	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
INCOMPLETE	(C) 2.0L L4 L34	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(4) 2.2L L4 LN2	-	-	-	-	-	✓	✓	✓	✓	✓	✓
	(5) 2.2L L4 L43	-	-	-	✓	✓	✓	-	-	-	-	-
	(H) 2.2L L4 LN2	-	-	✓	-	-	-	-	-	-	-	-
	(4) 2.5L V6 LE8	-	✓	✓	✓	✓	-	-	-	-	-	-
	(E) 3.4L V6 LA1	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-
	(L) 4.1L L6 LH3	-	-	-	-	-	✓	✓	-	-	-	-
	(S) 4.2L V6 LL8	-	-	✓	✓	-	-	-	-	-	-	-
	(W) 4.3L V6 L35	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	(W) 4.3L V6 L35 (C/K PICKUP ONLY)	-	-	-	✓	✓	-	-	-	-	-	-
	(X) 4.3L V6 LF6	-	-	-	-	-	✓	✓	✓	✓	✓	-
	(X) 4.3L V6 LU3	✓	✓	✓	✓	-	-	-	-	-	-	-

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	(X) 4.3L V6 LU3 (C/K, ONLY)	-	-	✓	✓	-	-	-	-	-	-	-
	(X) 4.3L V6 LU3 (G VAN)	-	-	✓	-	-	-	-	-	-	-	-
	(Z) 4.3L V6 LB4	-	-	-	-	-	-	-	-	-	✓	✓
	(V) 4.8L V8 LR4	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(H) 5.0L V8 L03	-	-	-	-	-	-	-	-	-	-	✓
	(M) 5.0L V8 L30	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
	(Z) 5.3L V8 L59	✓	✓	✓	✓	-	-	-	-	-	-	-
	(P) 5.3L V8 LM4	-	-	✓	-	-	-	-	-	-	-	-
	(T) 5.3L V8 LM7	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(K) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	✓	✓
	(R) 5.7L L31 Bi-FUEL ALTER FUEL	-	-	-	✓	✓	-	-	-	-	-	-
	(R) 5.7L L31 DEDICATED LPG ALTER FUEL	-	-	-	✓	-	-	-	-	-	-	-
	(R) 5.7L V8 L31	-	✓	-	✓	✓	✓	✓	✓	✓	✓	-
	(R) 5.7L V8 L31 ALTER FUEL	-	-	-	-	-	✓	✓	-	-	-	-
	(R) 5.7L V8 L31 Bi-FUEL	-	-	-	-	-	-	-	✓	✓	-	-
	(U) 6.0L V8 LQ4	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(N) 6.0L V8 LQ9	✓	✓	✓	✓	-	-	-	-	-	-	-
	(U) 6.0L LQ4 Bi-FUEL ALTER FUEL	✓	✓	-	✓	-	-	-	-	-	-	-
	(P) 6.5L V8 L49	-	-	-	-	-	-	-	-	-	-	✓
	(S) 6.5L V8 L56	-	-	-	-	-	-	✓	✓	✓	✓	✓
	(Y) 6.5L V8 L57	-	✓	-	✓	✓	✓	✓	✓	✓	✓	-
	(F) 6.5L V8 L65	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	(1) 6.6L V8 LB7 DIESEL	-	✓	✓	✓	✓	-	-	-	-	-	-
	(2) 6.6L V8 LLY DIESEL	✓	✓	-	-	-	-	-	-	-	-	-
	(N) 7.4L V8 L19	-	-	-	-	-	-	-	-	✓	✓	✓
	(B) 7.4L V8 L21	-	-	-	-	-	✓	✓	✓	-	-	-
	(J) 7.4L V8 L29	-	-	-	-	-	✓	✓	✓	✓	✓	-
	(G) 8.1L V8 L18	✓	✓	✓	✓	✓	-	-	-	-	-	-
	(G) 8.1L V8 L18 3500 HD ONLY	-	-	-	✓	✓	-	-	-	-	-	-
	(U) LQ4 DEDICATED CNG ALTER FUEL	-	-	-	✓	-	-	-	-	-	-	-
Mediem duty truck	(6) 5.2L L4 DIESEL	✓	-	-	-	-	-	-	-	-	-	-
	(A) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	-	✓
	(D) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	✓	✓
	(A) 5.7L V8 L31	-	-	-	-	-	-	-	-	✓	✓	-
	(R) 5.7L V8 L31	-	-	-	✓	✓	✓	✓	✓	-	-	-

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	(U) 6.0L V8 LQ4	✓	✓	✓	-	-	-	-	-	-	-	-
	(F) 6.5L V8 L65	-	-	✓	✓	-	-	✓	-	✓	-	-
	(Y) 6.5L V8 L57	-	✓	-	-	-	-	-	-	-	✓	✓
	(Z) 6.5L V8 L65	-	-	-	✓	✓	✓	✓	-	✓	✓	-
	(1) 6.6L V8 LB7 DIESEL	-	✓	✓	-	-	-	-	-	-	-	-
	(2) 6.6L V8 LLY DIESEL	✓	✓	-	-	-	-	-	-	-	-	-
	(C) 7.2L L6 LG5	-	-	-	-	✓	-	-	-	-	-	-
	(B) 7.4L V8 L21	-	-	-	-	-	✓	✓	-	-	-	-
	(D) 7.4L V8 LP4	-	-	-	-	-	-	✓	-	-	-	-
	(3) 7.8L L6 LG4	✓	✓	✓	-	-	-	-	-	-	-	-
	(E) 8.1L L18 DEDICATED LPG	-	-	-	✓	✓	-	-	-	-	-	-
	(E) 8.1L V8 L18	✓	✓	✓	✓	✓	-	-	-	-	-	-
SATURN	(7) 1.9L L4 LL0	-	-	-	✓	✓	✓	-	-	✓	✓	-
	(8) 1.9L L4 L24	-	-	-	✓	✓	✓	-	-	✓	✓	-
	(P) 2.0L L4 LSJ	✓	✓	-	-	-	-	-	-	-	-	-
	(D) 2.2L L4 L61	-	✓	✓	✓	-	-	-	-	-	-	-
	(F) 2.2L L4 L61	-	-	✓	✓	✓	✓	-	-	-	-	-
	(B) 3.0L V6 L81	-	-	✓	✓	-	-	-	-	-	-	-
	(R) 3.0L V6 L81	-	-	✓	✓	✓	✓	-	-	-	-	-

# AMERICAN CARS COVERAGE LIST

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## GM USA COVERAGE - BODY & Chassis

GM USA-V1.50

Support      Develop

DEVICE	CLASS	SYSEM	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995		
BODY	Passenger car	B	-	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
		C	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		D	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		E	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	
		F	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	
		G	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		H	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		J	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	
		K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-
		M	-	-	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		N	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		V	-	-	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		W	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
		Y	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
	Z	-	-	-	-	-	-	-	-	-	-	-	-		
	Light Duty Truck MPV INCOMPLETE	A	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-	
		B	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-	
		C	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		E	-	-	-	-	-	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		G	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		H	-	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
		J	-	-	-	-	-	-	-	-	<input checked="" type="checkbox"/>	-	-	-	
		K	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	
L		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-		
M		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-		
N		-	-	<input checked="" type="checkbox"/>	-	-	-	-	-	-	-	-	-		
S		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-		
T		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-		
U		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	-	-		
V		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	-	-	-	-	-		
X		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	-	<input checked="" type="checkbox"/>	-	-		

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	Mediem duty truck	D-C	-	-	✓	-	-	-	-	-	-	-	-	
	SATURN	A	✓	-	✓	-	-	-	-	-	-	-	-	
<b>CHASSIS</b>	Passenger car	J	✓	✓	✓	✓	✓	✓	-	-	-	-	-	
		Z	-	-	✓	✓	✓	✓	-	-	-	-	-	
		A	-	-	-	-	-	-	-	-	-	✓	✓	
		B	-	-	-	-	-	-	-	-	-	✓	✓	
		C	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		D	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		E	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	
		F	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓	
		G	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		H	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-	
		L	✓	✓	✓	-	-	-	-	-	-	✓	✓	
		M	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	
		N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		S	✓	✓	✓	-	-	-	-	-	✓	✓	✓	
		T	✓	✓	✓	-	-	-	-	-	-	-	-	
		U	✓	✓	✓	-	-	-	-	-	-	-	-	
		V	✓	✓	✓	-	✓	✓	✓	✓	-	-	-	
		W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
		Y	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-	
		Z	-	-	-	-	-	-	-	-	-	-	-	
			Light Duty Truck	A	✓	✓	✓	✓	✓	-	-	-	-	-
			MPV	B	✓	✓	✓	✓	✓	-	-	-	-	-
			INCOMPLETE	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				E	✓	✓	✓	✓	✓	✓	✓	✓	-	-
				G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
				H	✓	✓	✓	✓	✓	✓	✓	✓	-	-
		J	✓	✓	✓	✓	✓	✓	✓	✓	✓	-		
		K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
		N	-	-	✓	-	-	-	-	-	-	-		

## AMERICAN CARS COVERAGE LIST

AUG 18 2006

	P	-	-	✓	-	✓	✓	✓	✓	✓	-	-
	S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	V	✓	✓	✓	✓	-	-	-	-	-	-	-
	X	✓	✓	✓	✓	✓	✓	✓	✓	✓		
Mediem duty truck	6-W22	-	-	✓	✓	✓						
	7-W52	-	-	✓	✓							
	T-B7	-	-	✓	✓	✓	✓	✓	✓	✓		
	D-C	-	-	✓	✓	✓	✓	✓	✓	✓		
	C-T	-	-	✓	✓	✓	✓	✓	✓	✓		
	B-W4	-	-	✓	✓	✓	✓					
SATURN	A	-	-	✓								
	J	-	-	✓	✓	✓	✓					
	Z	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓

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# AMERICAN CAR COVERAGE LIST

MAY 16,2006

**GM USA VER 1.45**

✔ Support

CLASS	ENGINE TYPE	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995
Passenger car	(4) 0.8L L3 LBF	✔	✔	-	-	-	-	-	-	-	-	-
	(K) 0.8L L3 LBF	✔	✔	-	-	-	-	-	-	-	-	-
	(0) 1.0L L4 LA2	✔	✔	-	-	-	-	-	-	-	-	-
	(J) 1.0L L4 LA2	✔	✔	-	-	-	-	-	-	-	-	-
	(6) 1.0L L3 LP2	-	-	-	-	-	✔	-	-	-	-	-
	(T) 1.2L L4 LY4	✔	✔	-	-	-	-	-	-	-	-	-
	(2) 1.3L L4 LY8	-	-	-	-	✔	✔	✔	✔	-	-	-
	(9) 1.3L L4 L72	-	-	-	-	-	-	-	-	✔	✔	✔
	(7) 1.4L L4 L95	✔	✔	-	-	-	-	-	-	-	-	-
	(A) 1.4L L4 LBJ	✔	✔	-	-	-	-	-	-	-	-	-
	(Y) 1.5L L4 LV8	✔	✔	-	-	-	-	-	-	-	-	-
	(6) 1.6L L4 L91	✔	✔	-	-	-	-	-	-	-	-	-
	(U) 1.6L L4 L91	✔	✔	-	-	-	-	-	-	-	-	-
	(X) 1.6L L4 LLQ	✔	✔	-	-	-	-	-	-	-	-	-
	(3) 1.8L L4 L79	✔	✔	-	-	-	-	-	-	-	-	-
	(8) 1.8L L4 LV6	✔	✔	✔	✔	✔	✔	✔	✔	-	-	-
	(L) 1.8L L4 LNK	✔	✔	✔	-	-	-	-	-	-	-	-
	(Z) 2.0L L4 L34	✔	✔	-	-	-	-	-	-	-	-	-
	(F) 2.2L L4 L61	✔	✔	✔	✔	-	-	-	-	-	-	-
	(6) 2.2L L4 L42 ALTER FUEL	-	-	✔	-	-	-	-	-	-	-	-
	(4) 2.2L L4 LN2	-	-	-	✔	✔	✔	✔	✔	✔	✔	-
	(4) 2.2L L4 LN2 ALTER FUEL	-	-	-	✔	✔	✔	✔	-	-	-	-
	(4) 2.2L L4 LN2 Bi-FUEL	-	-	-	-	-	-	-	✔	-	-	-
	(D) 2.3L L4 LD2	-	-	-	-	-	-	-	-	-	-	✔
	(T) 2.4L L4 LD9	-	-	-	✔	✔	✔	✔	✔	✔	✔	-
	(T) 2.4L L4 LD9 SUPERCHARGED	-	-	-	✔	✔	✔	-	-	-	-	-
	(L) 2.5L L6 LBK	✔	✔	-	-	-	-	-	-	-	-	-
	(M) 2.6L V6 LY9	✔	✔	✔	-	-	-	-	-	-	-	-
	(R) 3.0L V6 L81	✔	✔	-	-	✔	✔	✔	✔	✔	✔	-
	(J) 3.1L V6 LG8	-	✔	✔	✔	✔	✔	✔	-	-	-	-
	(M) 3.1L V6 L82	-	-	-	-	-	-	✔	✔	✔	✔	-
	(N) 3.2L V6 LA3	-	✔	✔	-	-	-	-	-	-	-	-
	(E) 3.4L V6 LA1	✔	✔	✔	✔	✔	✔	✔	-	-	-	-
	(X) 3.4L V6 LQ1	✔	✔	-	-	-	-	-	-	✔	✔	-
	(H) 3.5L V6 LX5	-	-	-	✔	✔	✔	✔	-	-	-	-
	(1) 3.8L V6 L67	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-
	(2) 3.8L V6 L26	✔	✔	-	-	-	-	-	-	-	-	-
	(4) 3.8L V6 L32	✔	✔	-	-	-	-	-	-	-	-	-
	(K) 3.8L V6 L36	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
	(C) 4.0L V8 L47	-	-	✔	✔	✔	-	✔	✔	✔	✔	-
	(8) 4.0L V8 - SHELBY	-	-	-	-	-	-	✔	✔	-	-	-
	(W) 4.3L V8 L99	-	-	-	-	-	-	-	-	-	✔	-
(Y) 4.6L V8 LD8	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	
(9) 4.6L V8 L37	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	

# AMERICAN CAR COVERAGE LIST

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	(S) 5.7L V8 LT4	-	-	-	-	-	-	-	-	-	✓	-
	(G) 5.7L V8 LS1	-	✓	✓	✓	✓	✓	✓	✓	-	-	-
	(P) 5.7L V8 LT1	-	-	-	-	-	-	-	-	✓	✓	-
	(S) 5.7L V8 LS6	✓	✓	✓	✓	✓	-	-	-	-	-	-
	(H) 6.0L V8 LS2	-	-	-	-	-	-	-	-	-	-	-
	BONNEVILLE	✓	✓	-	-	-	-	-	-	-	-	-
	LESABRE	✓	✓	-	-	-	-	-	-	-	-	-
Light Duty Truck	(U) 1.6L L4 LS5	-	-	-	-	-	-	-	-	-	-	✓
MPV	(6) 1.6L L4 L01	-	-	✓	✓	✓	✓	✓	✓	✓	✓	✓
INCOMPLETE	(C) 2.0L L4 L34	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(4) 2.2L L4 LN2	-	-	-	-	-	✓	✓	✓	✓	✓	✓
	(5) 2.2L L4 L43	-	-	-	✓	✓	✓	-	-	-	-	-
	(H) 2.2L L4 LN2	-	-	✓	-	-	-	-	-	-	-	-
	(4) 2.5L V6 LE8	-	✓	✓	✓	✓	-	-	-	-	-	-
	(E) 3.4L V6 LA1	-	-	✓	✓	✓	✓	✓	✓	✓	✓	-
	(L) 4.1L L6 LH3	-	-	-	-	-	✓	✓	-	-	-	-
	(S) 4.2L V6 LL8	-	-	✓	✓	-	-	-	-	-	-	-
	(W) 4.3L V6 L35	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	(W) 4.3L V6 L35(C/K PICKUP ONLY)	-	-	-	✓	✓	-	-	-	-	-	-
	(X) 4.3L V6 LF6	-	-	-	-	-	✓	✓	✓	✓	✓	-
	(X) 4.3L V6 LU3	✓	✓	✓	✓	-	-	-	-	-	-	-
	(X) 4.3L V6 LU3 (C/K, ONLY)	-	-	✓	✓	-	-	-	-	-	-	-
	(X) 4.3L V6 LU3 (G VAN)	-	-	✓	-	-	-	-	-	-	-	-
	(Z) 4.3L V6 LB4	-	-	-	-	-	-	-	-	-	✓	✓
	(V) 4.8L V8 LR4	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(H) 5.0L V8 L03	-	-	-	-	-	-	-	-	-	-	✓
	(M) 5.0L V8 L30	-	-	-	✓	✓	✓	✓	✓	✓	✓	-
	(Z) 5.3L V8 L59	✓	✓	✓	✓	-	-	-	-	-	-	-
	(P) 5.3L V8 LM4	-	-	✓	-	-	-	-	-	-	-	-
	(T) 5.3L V8 LM7	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(K) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	✓	✓
	(R) 5.7L L31 Bi-FUEL ALTER FUEL	-	-	-	✓	✓	-	-	-	-	-	-
	(R) 5.7L L31 DEDICATED LPG ALTER FUEL	-	-	-	✓	-	-	-	-	-	-	-
	(R) 5.7L V8 L31	-	✓	-	✓	✓	✓	✓	✓	✓	✓	-
	(R) 5.7L V8 L31 ALTER FUEL	-	-	-	-	-	✓	✓	-	-	-	-
	(R) 5.7L V8 L31 Bi-FUEL	-	-	-	-	-	-	-	✓	✓	-	-
	(U) 6.0L V8 LQ4	✓	✓	✓	✓	✓	✓	✓	-	-	-	-
	(N) 6.0L V8 LQ9	✓	✓	✓	✓	-	-	-	-	-	-	-
	(U) 6.0L LQ4 Bi-FUEL ALTER FUEL	✓	✓	-	✓	-	-	-	-	-	-	-
	(P) 6.5L V8 L49	-	-	-	-	-	-	-	-	-	-	✓
	(S) 6.5L V8 L56	-	-	-	-	-	-	✓	✓	✓	✓	✓
	(Y) 6.5L V8 L57	-	✓	-	✓	✓	✓	✓	✓	✓	✓	-
	(F) 6.5L V8 L65	-	-	-	✓	✓	✓	✓	✓	✓	✓	✓
	(1) 6.6L V8 LB7 DIESEL	-	✓	✓	✓	✓	-	-	-	-	-	-
	(2) 6.6L V8 LLY DIESEL	✓	✓	-	-	-	-	-	-	-	-	-
	(N) 7.4L V8 L19	-	-	-	-	-	-	-	-	✓	✓	✓

# AMERICAN CAR COVERAGE LIST

MAY 16,2006

	(B) 7.4L V8 L21	-	-	-	-	-	✓	✓	✓	-	-	-
	(J) 7.4L V8 L29	-	-	-	-	-	✓	✓	✓	✓	✓	-
	(G) 8.1L V8 L18	✓	✓	✓	✓	✓	-	-	-	-	-	-
	(G) 8.1L V8 L18 3500 HD ONLY	-	-	-	✓	✓	-	-	-	-	-	-
	(U) LQ4 DEDICATED CNG ALTER FUEL	-	-	-	✓	-	-	-	-	-	-	-
Mediem d/ truck	(6) 5.2L L4 DIESEL	✓	-	-	-	-	-	-	-	-	-	-
	(A) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	-	✓
	(D) 5.7L V8 L05	-	-	-	-	-	-	-	-	-	✓	✓
	(A) 5.7L V8 L31	-	-	-	-	-	-	-	-	✓	✓	-
	(R) 5.7L V8 L31	-	-	-	✓	✓	✓	✓	✓	-	-	-
	(U) 6.0L V8 LQ4	✓	✓	✓	-	-	-	-	-	-	-	-
	(F) 6.5L V8 L65	-	-	✓	✓	-	-	✓	-	✓	-	-
	(Y) 6.5L V8 L57	-	✓	-	-	-	-	-	-	-	✓	✓
	(Z) 6.5L V8 L65	-	-	-	✓	✓	✓	✓	-	✓	✓	-
	(1) 6.6L V8 LB7 DIESEL	-	✓	✓	-	-	-	-	-	-	-	-
	(2) 6.6L V8 LLY DIESEL	✓	✓	-	-	-	-	-	-	-	-	-
	(C) 7.2L L6 LG5	-	-	-	-	✓	-	-	-	-	-	-
	(B) 7.4L V8 L21	-	-	-	-	-	✓	✓	-	-	-	-
	(D) 7.4L V8 LP4	-	-	-	-	-	-	✓	-	-	-	-
	(3) 7.8L L6 LG4	✓	✓	✓	-	-	-	-	-	-	-	-
	(E) 8.1L L18 DEDICATED LPG	-	-	-	✓	✓	-	-	-	-	-	-
	(E) 8.1L V8 L18	✓	✓	✓	✓	✓	-	-	-	-	-	-
	SATURN	(7) 1.9L L4 LL0	-	-	-	✓	✓	✓	-	-	✓	✓
(8) 1.9L L4 L24		-	-	-	✓	✓	✓	-	-	✓	✓	-
(P) 2.0L L4 LSJ		✓	✓	-	-	-	-	-	-	-	-	-
(D) 2.2L L4 L61		-	✓	✓	✓	-	-	-	-	-	-	-
(F) 2.2L L4 L61		-	-	✓	✓	✓	✓	-	-	-	-	-
(B) 3.0L V6 L81		-	-	✓	✓	-	-	-	-	-	-	-
(R) 3.0L V6 L81		-	-	✓	✓	✓	✓	-	-	-	-	-

# AMERICAN CAR COVERAGE LIST

MAY 16,2006

## GM USA VER 1.45 (BODY & CHASSIS)

✔ Support     ✔ Develop

DEVICE	CLASS	SYSEM	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	
BODY	Passenger car	B	-	-	-	-	-	-	-	-	-	✔	✔	
		C	-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔	
		D	✔	✔	✔	-	-	-	-	-	-	-	✔	✔
		E	-	-	-	✔	✔	✔	✔	✔	✔	✔	✔	-
		F	-	-	-	✔	✔	✔	✔	✔	✔	✔	✔	-
		G	-	-	✔	✔	✔	-	✔	✔	✔	✔	✔	✔
		H	-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		J	✔	✔	✔	✔	✔	✔	✔	-	-	-	-	-
		K	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		M	-	-	-	-	-	-	✔	✔	✔	✔	✔	✔
		N	-	-	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		V	-	-	-	-	-	✔	✔	✔	✔	✔	-	-
		W	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Y	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔
		Z	-	-	-	-	-	-	-	-	-	-	-	-
	Light Duty Truck MPV INCOMPLETE	A	-	-	✔	✔	✔	-	-	-	-	-	-	-
		B	-	-	✔	✔	✔	-	-	-	-	-	-	-
		C	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		E	-	-	-	-	-	✔	-	✔	✔	-	-	
		G	-	-	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		H	-	-	✔	✔	✔	✔	✔	-	✔	✔	-	-
		J	-	-	-	-	-	-	-	-	✔	-	-	-
		K	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		L	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		M	✔	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-
		N	-	-	✔	-	-	-	-	-	-	-	-	-
		S	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-	-
		T	✔	✔	✔	✔	✔	✔	✔	✔	✔	-	-	-
		U	✔	✔	✔	✔	✔	✔	✔	✔	-	✔	-	-
		V	✔	✔	✔	✔	✔	✔	-	-	-	-	-	-
		X	✔	✔	✔	✔	✔	✔	-	✔	-	✔	-	-
		Mediem duty truck	D-C	-	-	✔	-	-	-	-	-	-	-	-
	SATURN	A	✔	-	✔	-	-	-	-	-	-	-	-	-
		J	✔	✔	✔	✔	✔	✔	✔	-	-	-	-	-
		Z	-	-	✔	✔	✔	✔	✔	-	-	-	-	-
	CHASSIS	Passenger car	A	-	-	-	-	-	-	-	-	-	✔	✔
			B	-	-	-	-	-	-	-	-	-	✔	✔
			C	-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔
			D	-	-	✔							✔	✔
			E	-	-	-	✔	✔	✔	✔	✔	✔	✔	✔
			F	-	-	-	✔	✔	✔	✔	✔	✔	✔	✔
			G	-	-	✔	✔	✔					✔	✔
H			-	-	✔	✔	✔	✔	✔	✔	✔	✔	✔	

# AMERICAN CAR COVERAGE LIST

MAY 16,2006

	J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	L	✓	✓	✓	-	-	-	-	-	-	✓	✓
	M	✓	✓	✓	-	✓	✓	✓	✓	✓	✓	✓
	N	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	S	✓	✓	✓	-	-	-	-	-	✓	✓	✓
	T	✓	✓	✓	-	-	-	-	-	-	-	-
	U	✓	✓	✓	-	-	-	-	-	-	-	-
	V	✓	✓	✓	-	✓	✓	✓	✓	-	-	-
	W	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Y	✓	✓	-	✓	✓	✓	✓	✓	✓	✓	-
	Z	-	-	-	-	-	-	-	-	-	-	-
Light Duty Truck MPV INCOMPLETE	A	✓	✓	✓	✓	✓	-	-	-	-	-	-
	B	✓	✓	✓	✓	✓	-	-	-	-	-	-
	C	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	E	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	G	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	H	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	J	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
	K	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	L	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	M	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	N	-	-	✓	-	-	-	-	-	-	-	-
	P	-	-	✓	-	✓	✓	✓	✓	✓	✓	-
	S	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	T	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	U	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	V	✓	✓	✓	✓	-	-	-	-	-	-	-
	X	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	-
Mediem duty truck	6-W22	-	-	✓	✓	✓						
	7-W52	-	-	✓	✓							
	T-B7	-	-	✓	✓	✓	✓	✓	✓	✓		
	D-C	-	-	✓	✓	✓	✓	✓	✓	✓		
	C-T	-	-	✓	✓	✓	✓	✓	✓	✓		
	B-W4	-	-	✓	✓	✓	✓					
SATURN	A	-	-	✓								
	J	-	-	✓	✓	✓	✓					
	Z	-	-	✓	✓	✓	✓	✓	✓	✓	✓	





















## American Car Coverage List

### CHRYSLER VERSION 1.10

Model Name	Body Style	Model Year	Powertrain	ABS	SRS(front)	SRS(side)
10 ROADSTER	SR	1996	√		√	
		1997	√		√	
		1998	√		√	
		1999	√		√	
		2000	√		√	
		2001	√	√	√	
		2002	√	√	√	
300 / MAGNUM	LH	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
	2004	√	√	√	√	
	LX	2005	√	√	√	
AVENGER	FJ	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
BREEZE	JA	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
CARAVAN	NS	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
	RS	2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
CHEROKEE	XJ	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
CIRRUS	JA	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	

### American Car Coverage List

CONCORDE	LH	2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	√
CROSSFIRE	ZH	2004	√	√	√	
		2005	√	√	√	
DAKOTA	AN	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
	2004	√	√	√		
	ND	2005	√	√	√	
DAKOTA CONVERTIBLE	AN	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
DURANGO	DN	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
	2003	√	√	√	√	
	HB	2004	√	√	√	
		2005	√	√	√	
FRONT SECTION	AB	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
GRAND CARAVAN	NS	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
	RS	2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
ZJ	1996	√	√	√		
	1997	√	√	√		
	1998	√	√	√		
	1999	√	√	√		

**American Car Coverage List**

GRAND CHEROKEE	WJ	2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
		2004	√	√	√	
	WK	2005	√	√	√	
GRAND VOYAGER	NS	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
	RS	2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
GRAND WAGONEER	ZJ	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
INTREPID	LH	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	√
KARY VAN	AB	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
LHS	LH	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	√
LIBERTY	KJ	2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
		2006	√	√	√	
NEON	PL	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√

### American Car Coverage List

		2003	√	√	√	√
		2004	√	√	√	√
		2005	√	√	√	√
NEW YORKER	LH	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	√
				2005	√	√
PACIFICA	CS	2003	√	√	√	
		2004	√	√	√	
		2005	√	√	√	
PROWLER	PR	1999	√	√	√	
		2000	√		√	
		2001	√		√	
		2002	√		√	
PT CRUISER	PT	2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	
		2004	√	√	√	
		2005	√	√	√	
RAM TRUCK	BR	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
	DR	2002	√	√	√	
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
RAM VAN	AB	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
SEBRING	FJ	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
SEBRING 2-DOOR COUPE	ST	2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
		2004	√	√	√	
		2005	√	√	√	
SEBRING CONVERTIBLE	JX	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	

## American Car Coverage List

		1999	√	√	√	
		2000	√	√	√	
SPRINTER	VA	2003	√	√	√	
		2004	√	√	√	
		2005	√	√	√	
		1996	√	√	√	
		1997	√	√	√	
STRATUS	JA	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
STRATUS 2-DOOR COUPE	ST	2003	√	√	√	
		2004	√	√	√	
		2005	√	√	√	
		1996	√	√	√	
		1997	√	√	√	
TALON	FJ	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		1996	√	√	√	
		1997	√	√	√	
TOWN & COUNTRY	NS	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
	RS	2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
		2003	√	√	√	
		2004	√	√	√	
VIPER	ZB	2005	√	√	√	
		1996	√		√	
		1997	√		√	
VIPER GTS COUPE	SR	1998	√		√	
		1999	√		√	
		2000	√		√	
		2001	√	√	√	
		2002	√	√	√	
		1996	√		√	
		1997	√		√	
VIPER RT	SR	1998	√		√	
		1999	√		√	
		2000	√		√	
		2001	√	√	√	
		2002	√	√	√	
		1996	√	√	√	
		1997	√	√	√	
VISION	LH	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	√

### American Car Coverage List

VOYAGER	NS	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
	RS	2001	√	√	√	√
		2002	√	√	√	√
		2003	√	√	√	√
		2004	√	√	√	
		2005	√	√	√	
WAGON	AB	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
WAGONEER	XJ	1996	√	√	√	
		1997	√	√	√	
		1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
WRANGLER	TJ	1998	√	√	√	
		1999	√	√	√	
		2000	√	√	√	
		2001	√	√	√	
		2002	√	√	√	
		2003	√	√	√	
		2004	√	√	√	
2005	√	√	√			

# AUSTRALIAN CARS

[www.grm-group.ru](http://www.grm-group.ru)

 **HANATECH CO.,LTD.**

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year	System	Support
Explorer	1997	Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Remote Antitheft Module	√
	1998	Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Remote Antitheft Module	√
	1999	Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Remote Antitheft Module	√
		Park Aid Module	√
	2000	Powertrain	√
		Antilock Brake Module	√
		SRS	√
Remote Antitheft Module		√	
Park Aid Module		√	
Passive Antitheft		√	
Fairlane	NC	Powertrain	√
		Transmission - Engine 5.0L	√
		Antilock Brake Module	√
	NF	Powertrain	√
		Transmission - Engine 5.0L	√
		SRS	√
	NL	Powertrain	√
		Transmission - Engine 5.0L	√
		SRS	√
	AU	Antilock Brake Module	√
		Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Body Control Module	√
		Instrument Cluster Module	√
	AU II	Powertrain	√
		Antilock Brake Module	√
		SRS	√
Body Control Module		√	
Instrument Cluster Module		√	
Fairmont	AU	Audio Control	√
		Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Body Control Module	√
	AU II	Instrument Cluster Module	√
		Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Body Control Module	√
EA	Instrument Cluster Module	√	
	Audio Control	√	
	Powertrain	√	
EB	Powertrain	√	
	Powertrain	√	

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year	System	Support
Falcon	ED	Transmission - Engine 5.0L	√
		Antilock Brake Module	√
	EF	Powertrain	√
		Transmission - Engine 5.0L	√
		SRS	√
	EL	Antilock Brake Module	√
		Powertrain	√
		Transmission - Engine 5.0L	√
	AU	SRS	√
		Antilock Brake Module	√
		Powertrain	√
		Body Control Module	√
		Instrument Cluster Module	√
	AU II	Antilock Brake Module	√
		SRS	√
		Body Control Module	√
		Instrument Cluster Module	√
		Audio Control	√
	AU III	Antilock Brake Module	√
		SRS	√
		Body Control Module	√
		Instrument Cluster Module	√
		Audio Control	√
	BA	Powertrain	√
Antilock Brake Module		√	
SRS		√	
Body Control Module		√	
Instrument Cluster Module		√	
Auto A/C			
Audio Control		√	
Focus	1.6L	Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Central Security Module	√
		Central Timer Module	√
		Hybrid Elec Cluster	√
		Message Center Module	√
	1.8L	Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Central Security Module	√
		Central Timer Module	√
		Hybrid Elec Cluster	√
	2.0L	Message Center Module	√
		Powertrain	√
		Antilock Brake Module	√
		SRS	√
		Central Security Module	√
Central Timer Module	√		
Hybrid Elec Cluster	√		
Message Center Module	√		

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year		System	Support	
Ka	1999		Powertrain	√	
			Antilock Brake Module	√	
	2000		Powertrain	√	
			Antilock Brake Module	√	
Laser	1990		SRS	√	
			Powertrain	√	
	1991		Transmission	√	
			Powertrain	√	
	1992		Transmission	√	
			Powertrain	√	
	1993		Powertrain	√	
			Powertrain	√	
	1994		Powertrain	√	
			Antilock Brake Module	√	
	1995		Powertrain	√	
			Antilock Brake Module	√	
	1996		Powertrain	√	
			Antilock Brake Module	√	
	1997		Powertrain	√	
			Antilock Brake Module	√	
	1998		Powertrain	√	
			Antilock Brake Module	√	
	1999			Powertrain	√
				Transmission	√
			Antilock Brake Module	√	
			Powertrain	√	
2000			Transmission	√	
			Antilock Brake Module	√	
			Powertrain	√	
Ltd	NC		Powertrain	√	
			Transmission - Engine 5.0L	√	
			Antilock Brake Module	√	
	NF			Powertrain	√
				Transmission - Engine 5.0L	√
				SRS	√
				Antilock Brake Module	√
	NL			Powertrain	√
				Transmission - Engine 5.0L	√
				SRS	√
	AU			Antilock Brake Module	√
				Powertrain	√
				SRS	√
	AU II			Body Control Module	√
				Instrument Cluster Module	√
				Powertrain	√
				Antilock Brake Module	√
				SRS	√
				Body Control Module	√
	1997	1.8L Diesel		Instrument Cluster Module	√
			Audio Control	√	
			Powertrain	√	
			Antilock Brake Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
			Remote Immobilizer Module	√	

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year		System	Support	
Mondeo	1998	2.0L	Powertrain	√	
			Antilock Brake Module	√	
		2.5L	Powertrain	√	
			Antilock Brake Module	√	
		1999	1.8L	Powertrain	√
				Antilock Brake Module	√
	Central Security Module			√	
	1.8L Diesel		Powertrain	√	
			Antilock Brake Module	√	
			Central Security Module	√	
			Passive Antitheft	√	
	2.0L		Remote Immobilizer Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
			Central Security Module	√	
			Powertrain	√	
	2.5L	Antilock Brake Module	√		
		Central Security Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		Central Security Module	√		
		Powertrain	√		
	2000	1.8L	Powertrain	√	
			Antilock Brake Module	√	
			Central Security Module	√	
		1.8L Diesel	Powertrain	√	
			Antilock Brake Module	√	
			Central Security Module	√	
			Passive Antitheft	√	
		2.0L	Remote Immobilizer Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
		2.5L	Central Security Module	√	
			Powertrain	√	
	Antilock Brake Module		√		
	Central Security Module		√		
Powertrain	√				
Antilock Brake Module	√				
Taurus	1996	Central Security Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		SRS	√		
	1997	Remote Antitheft Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		SRS	√		
		Remote Antitheft Module	√		
		Powertrain	√		

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year		System	Support
	1998		Powertrain	√
			Antilock Brake Module	√
TERRITORY			SRS	√
			Remote Antitheft Module	√
			Powertrain	√
			Antilock Brake Module	√
			SRS	√
			Body Control Module	√
Telstar	1991	2.0L	Powertrain	√
		Antilock Brake Module	√	
	2.5L	Powertrain	√	
		Transmission	√	
	1992	2.0L	Antilock Brake Module	√
			Powertrain	√
		2.5L	Transmission	√
			Antilock Brake Module	√
	1993	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
			Transmission	√
	1994	2.0L	Antilock Brake Module	√
			Powertrain	√
		2.5L	Transmission	√
			Antilock Brake Module	√
	1995	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
			Transmission	√
	1996	2.0L	Antilock Brake Module	√
			Powertrain	√
		2.5L	Transmission	√
			Antilock Brake Module	√
1996	2.0L	Powertrain	√	
		Passive Antitheft	√	
	2.5L Diesel	Powertrain	√	
		Passive Antitheft	√	
	1997	2.0L	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft	√
		2.5L Diesel	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft	√
2.0L	Remote Immobilizer Module	√		
	Powertrain	√		
	Antilock Brake Module	√		
2.0L		Passive Antitheft	√	

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year		System	Support	
Transit	1998	2.5L Diesel	Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
			Remote Immobilizer Module	√	
	1999	2.0L	Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
		2.5L Diesel	Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
	2000	2.0L	Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
		2.5L Diesel	Powertrain	√	
			Antilock Brake Module	√	
			Passive Antitheft	√	
2001	2.4L Diesel	Powertrain	√		
		ASM	√		
		Antilock Brake Module	√		
		SRS	√		
	2.5L Diesel	Central Security Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		SRS	√		
2002	2.4L Diesel	Central Security Module	√		
		Powertrain	√		
		ASM	√		
		Antilock Brake Module	√		
		SRS	√		
		Central Security Module	√		
		2.5L Diesel	Powertrain	√	
			Antilock Brake Module	√	
	SRS		√		
	Central Security Module		√		
	2003		2.4L Diesel	Powertrain	√
				ASM	√
				Antilock Brake Module	√
				SRS	√
		2.5L Diesel	Central Security Module	√	
			Powertrain	√	
Antilock Brake Module			√		
SRS			√		
2004	2.4L Diesel	Central Security Module	√		
		Powertrain	√		
		ASM	√		
		Antilock Brake Module	√		
	2.5L Diesel	SRS	√		
		Central Security Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		SRS	√		
		Central Security Module	√		
2005	2.0L	Powertrain	√		
		Antilock Brake Module	√		

**AUSTRALIAN CAR  
COVERAGE LIST**

**FORD AUSTRALIA VER 1.60**

Model	Sub model / Model year		System	Support
TX5	1991	2.5L	Powertrain	√
			Transmission	√
			Antilock Brake Module	√
	1992	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
			Transmission	√
			Antilock Brake Module	√
			Powertrain	√
	1993	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
			Transmission	√
			Antilock Brake Module	√
			Powertrain	√
	1994	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
			Transmission	√
			Antilock Brake Module	√
			Powertrain	√
	1995	2.0L	Powertrain	√
			Antilock Brake Module	√
		2.5L	Powertrain	√
Transmission			√	
Antilock Brake Module			√	
Powertrain			√	
1996	2.0L	Powertrain	√	
		Antilock Brake Module	√	
	2.5L	Powertrain	√	
		Transmission	√	
		Antilock Brake Module	√	
		Powertrain	√	

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model	System	Sub system	Support	
COMMODORE	VN	Engine	V6	√
			V8	√
	VP	Engine	V6	√
			V8	√
	VR	Engine	V6	√
			V8	√
		Transmission	Auto Transmission	√
		Chassis	ABS	√
		Body	SRS - Airbag	√
			Body Control Module	√
			Theft Deterrent Module	√
	VS	Engine	V6	√
			V8	√
		Transmission	V6	√
			V8	√
		Chassis	ABS	√
		Body	SRS - Airbag	√
			Body Control Module	√
	VT	Engine	V6	√
			V8	√
			V8 GEN-III	√
		Transmission	Auto Transmission	√
			GEN-III Auto Transmission	√
		Chassis	ABS	√
		Body	SRS - Airbag	√
			Body Control Module	√
			Instrument	√
			Powertrain Interface Module	√
	VX	Engine	V6	√
			V8 GEN-III	√
		Transmission	Auto Transmission	√
			GEN-III Auto Transmission	√
		Chassis	ABS	√
		Body	SRS - Airbag	√
			Body Control Module	√
			Instrument	√
			Powertrain Interface Module	√
		VY	Engine	V6
	V8 GEN-III			√
	Transmission		Auto Transmission	√
			GEN-III Auto Transmission	√
	Chassis		ABS	√
Body	SRS - Airbag		√	
	Body Control Module		√	
	Instrument		√	
	Audio System		√	
	Powertrain Interface Module		√	
VZ	Engine	V6	√	
		V8 GEN-III	√	
	Transmission	Auto Transmission	√	
		GEN-III Auto Transmission	√	
	Chassis	ABS/TC/ESP 8.0	√	
		ABS/ETC	√	
		SRS - Airbag	√	

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
		Body	Body Control Module	√
			Instrument	√
			Audio System	√
			Powertrain Interface Module	√
			Occupant Climate Control	√

	1998	Engine	X 18 XE1	√
			X 20 XEV	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6	√
	1999	Engine	X 18 XE1	√
			X 20 XEV	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6	√
	2000	Engine	X 18 XE1	√
			X 20 XEV	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
ASTRA -G		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6	√
	2001	Engine	X 18 XE1	√
			Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
	AF 13-II/17/20/22 CAN		√	
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag	√
	2002	Engine	Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
			AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag	√
	2003	Engine	Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
AF 13-II/17/20/22 CAN			√	
Chassis		ABS-5.3/5.4(+TC)	√	
Body		Airbag	√	

CORSA B	1994	Engine	C 14 NZ	√
			C 14 SE	√
			C 16 XE	√
		Transmission	AF 13/14/20	√
		Chassis	ABS 4/4-F	√
	Body	SRS	√	
	1995	Engine	C 14 NZ	√
			C 14 SE	√
			C 16 XE	√
		Transmission	AF 13/14/20	√
		Chassis	ABS 4/4-F	√
	1996	Engine	C 14 NZ	√
			C 14 SE	√
			C 16 XE	√
		Transmission	AF 13/14/20	√
		Chassis	ABS 4/4-F	√
	Body	SRS	√	
	1997	Engine	C 14 NZ	√
			C 14 SE	√
		Transmission	AF 13/14/20	√
	Body	Immobiliser	√	
	1998	Engine	C 14 NZ	√
			C 14 SE	√
		Transmission	AF 13/14/20	√
			AF 13II/20/22/30	√
	Body	Immobiliser	√	
	1999	Engine	C 14 SE	√
		Transmission	AF 13/14/20	√
AF 13II/20/22/30			√	
Body		Immobiliser	√	
	Airbag SAB6	√		

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
	2000	Engine	C 14 SE	√
		Transmission	AF 13/14/20	√
			AF 13II/20/22/30	√
	2001	Body	Immobiliser	√
			Airbag SAB6	√
		Engine	C 14 NZ	√
		Body	Immobiliser	√

	2001	Engine	Z 14 XE	√
			Z 18 XE	√
		Transmission	AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
			Electronic Power Steering	√
		Body	Immobiliser	√
			Body Control Module	√
			Airbag	√
			Instrument	√
			Triple Info Display	√
			Radio 2020	√
		Engine	Z 14 XE	√
			Z 18 XE	√
Transmission		AF 13-II/17/20/22 CAN	√	

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
CORSA C (BARINA)	2002	Chassis	ABS-5.3/5.4(+TC)	√
			Electronic Power Steering	√
		Body	Immobiliser	√
			Body Control Module	√
			Airbag	√
			Instrument	√
			Triple Info Display	√
			Radio 2020	√
	2003	Engine	Z 14 XE	√
			Z 18 XE	√
		Transmission	AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
			Electronic Power Steering	√
		Body	Immobiliser	√
			Body Control Module	√
			Airbag	√
Instrument	√			
		Triple Info Display	√	
		Radio 2020	√	

VECTRA - B	1997	Engine	C 20 SEL	√
			X 20 XEV	√
			X 25 XE	√
		Transmission	AF 13II/20/22/30	√
		Chassis	ABS 415	√
			ABS-5-TC	√
		Body	Immobiliser	√
			Airbag SAB6	√
	1998	Engine	X 18 XE1	√
			C 20 SEL	√
			X 20 XEV	√
			C 22 SEL	√
			X 25 XE	√
		Transmission	AF 13-II/17/20/22	√
			AF 13II/20/22/30	√
		Chassis	ABS 430	√
			ABS-5.3/5.4(+TC)	√
		Body	Immobiliser	√
			Airbag SAB6	√
		1999	Engine	X 18 XE1
	C 20 SEL			√
	X 20 XEV			√
	C 22 SEL			√
	X 25 XE			√
	Transmission		AF 13-II/17/20/22	√
			AF 13II/20/22/30	√
	Chassis		ABS 430	√
			ABS-5.3/5.4(+TC)	√
	Body		Immobiliser	√
		Airbag SAB6	√	
		Engine	X 18 XE1	√
			C 20 SEL	√
X 20 XEV			√	
C 22 SEL			√	

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
	2000		X 25 XE	√
		Transmission	AF 13-II/17/20/22	√
			AF 13-II/17/20/22 CAN	√
		Chassis	ABS 430	√
			ABS-5.3/5.4(+TC)	√

# AUSTRALIAN CAR COVERAGE LIST

MAY 16,2006

## HOLDEN VER 1.89

Model		System	Sub system	Support
		Body	Immobiliser	√
			Airbag SAB6	√
	2001	Engine	Z 18 XE	√
			C 20 SEL	√
			X 20 XEV	√
			C 22 SEL	√
			AF 13-II/17/20/22	√
	2001	Transmission	AF 13-II/17/20/22 CAN	√
			ABS 430	√
	2001	Chassis	ABS-5.3/5.4(+TC)	√
Immobiliser			√	
2001	Body	Airbag SAB6	√	

ZAFIRA	1999	Engine	X 18 XE1	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Immobiliser	√
			Airbag SAB6	√
	2000	Engine	X 18 XE1	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Immobiliser	√
	Airbag SAB6		√	
	2001	Engine	Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Immobiliser	√
	Airbag		√	
	2002	Engine	Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Immobiliser	√
	Airbag		√	
	2003	Engine	Z 18 XE	√
			Z 22 SE	√
Transmission		AF 13-II/17/20/22 CAN	√	
Chassis		ABS-5.3/5.4(+TC)	√	
Body		Immobiliser	√	
	Airbag	√		

RODEO	1998	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
		Transmission	4L30E	√
	1999	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
		Transmission	4L30E	√
	2000	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
		Transmission	4L30E	√
		Engine	SRS - AirBag	√
2.2L L4 SOHC			√	
3.2L V6 6VD1			√	

# AUSTRALIAN CAR COVERAGE LIST

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## HOLDEN VER 1.89

Model		System	Sub system	Support
	2001	Transmission	4L30E	√
		Body	SRS - AirBag	√

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# AUSTRALIAN CAR COVERAGE LIST

MAY 16,2006

## HOLDEN VER 1.89

Model		System	Sub system	Support
	2002	Body	IMMOBILISER	√
		Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
		Transmission	4L30E	√
		Body	SRS - AirBag	√
			IMMOBILISER	√

JACKAROO	1998	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	1999	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2000	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2001	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2002	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2003	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√

FRONTERA	1999	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
		Body	SRS - AirBag	√
	2000	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
		Body	SRS - AirBag	√
	2001	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
		Body	SRS - AirBag	√
	2002	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
		Body	SRS - AirBag	√
	2003	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
		Body	SRS - AirBag	√
				IMMOBILISER

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 HANATECH CO.,LTD.



















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JAPANESE CAR  
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SEP 7,2006

MASTER SW	BACK DOOR
√	√
√	√

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# JAPANESE CAR COVERSGE LIST

MAY 16,2006

## TOYOTA LEXUS NON USA VER 3.03

TOYOTA MODELS	Powertrain	ECT	SEQUENTIAL MT	AHC	SUSPENSION	ABS VSC	Traction	EHPS	VGRS	Cruise Control	EMS	EMPS	Air Conditioner	Immobilizer	SRS	Air Suspension	Body (1,2,3)	EMPS	D/P Door	RR/RL DOOR	D SEAT	Slide roof	Tilt / Telesco	Meter	Combinaion S/W	Power Seat	Mirror	AHC	Sequential MT	Free-tronic	Stop & Go	BACK-DOOR	TDS	TVSS	RAIN SENSOR	EV	BATTERY	HV	WIPER	
4RUNNER	√					√				√				√	√		√															√	√							
AVALON	√	√				√	√			√				√	√																									
AVENSIS	√					√				√		√		√	√		√																	√	√					
CAMRY	√	√				√				√				√	√																									
CARINA	√													√	√																									
CELICA	√					√								√	√																									
CENTURY	√				√					√				√	√		√																							
COROLLA	√					√						√		√	√																									
CORONA	√					√								√	√																									
CRESSIDA	√	√				√				√																														
CROWN	√	√				√				√			√	√	√		√		√	√			√	√	√	√							√							
DYNA	√					√									√																									
HIACE	√					√								√	√																									
HILUX	√													√	√																									
KIJANG	√																																							
LAND CRUISER /PRADO	√			√	√	√			√	√				√	√		√			√		√					√						√	√					√	
LITEACE	√													√	√																									
MR2	√		√			√		√				√		√	√																									
PASEO	√													√	√																									
PICNIC	√					√								√	√																									
PREVIA(TARAGO)	√					√				√				√	√																									
RAV4	√					√				√				√	√																									
RAV4 EV															√																						√	√		
SOLUNA(AFC)	√																																							



# JAPANESE CAR COVERSGE LIST

MAY 16,2006

LEXUS MODELS	Powertrain	TIRE PRESS WARNING	AT	AHC	ECT	EMS	ABS / Traction / VSC	VGRS	Cruise Control	Immobilizer	STERING LOCK	OCCUPANT DETECT	AIR BAG	SIDE BAG	Air Conditioner	AIR SUSPENSION	Body	GATEWAY	D/P Door	RR/RL DOOR	D Seat	P SEAT	RR/RL SEAT	REAR SEAT S/W	Slide Roof	RETRACTABLE HARDTOP	Tilt & Telesco	Meter	Steering Pad	TDS	Air Suspension	Retract Hard Top	Gateway	Combination S/W	Clearance Sonar	Rain Sensor	Mirror	Tire Pressure Warn	WIPER	AFS	MASTER SW	BACK DOOR								
ES300	√				√	√	√		√	√			√		√		√		√											√																				
GS300	√				√		√		√	√			√		√		√		√	√				√			√	√																						
GS430	√						√		√	√			√		√		√		√	√				√			√	√	√																					
LS400	√				√		√		√				√	√	√	√	√		√	√				√			√	√																						
LS430	√						√		√	√	√		√		√	√	√	√	√	√	√		√	√	√		√	√	√			√	√																	
LX470	√			√			√	√	√	√			√				√		√		√	√			√		√																							
RX300	√						√		√	√			√		√		√		√	√				√			√	√																						
IS200	√						√		√	√			√		√		√		√									√		√																				
IS300	√						√		√	√			√		√		√		√									√		√																				
SC430	√	√					√		√	√			√		√		√	√	√						√	√	√	√	√				√																	
RX330	√						√		√	√		√	√		√		√		√		√			√			√	√																						

# JAPANESE CAR COVERAGE LIST

SEP 7,2006

## HONDA US VER2.70

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2005	√	√	√	√
Accord V6	1995	2005	√	√	√	√
Accord HYBRID	2005	2005	√	under develop	under develop	under develop
Acura 2.2CL	1997	1997	√	√	√	√
Acura 2.3CL	1998	1999	√	√	√	√
Acura2.5TL	1995	1998	√	√	√	√
Acura 3.0CL	1997	2000	√	√	√	√
Acura 3.2CL	2001	2003	√	√	√	√
Acura 3.2TL	1995	2003	√	√	√	√
Acura 3.5RL	1996	2005	√	√	√	√
Acura MD-X	2001	2005	√	√	√	√
Acura RSX	2002	2005	√	until 2003	until 2003	until 2003
Acura TSX	2003	2005	√	under develop	under develop	under develop
Acura TL	2004	2005	√	under develop	under develop	under develop
Civic	1992	2005	√	√	√	√
Civic Coupe	1993	2005	√	√	√	√
Civic Hybrid	2002	2005	√	until 2003	until 2003	until 2003
CR-V	1997	2005	√	√	√	√
CR-X	1992	1997	√	√	√	√
Element	2003	2005	√	√	√	√
Insight	2000	2005	√	√	√	√
Integra	1992	2001	√	√	√	√
NSX	1995	2005	√	√	√	√
Odyssey	1995	2005	√	√	√	√
Pilot	2003	2005	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2005	√	√	√	√

## HONDA USA VER 2.61

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2003	√	√	√	√
Accord V6	1995	2003	√	√	√	√
Acura 2.2CL	1997	1997	√	√	√	√
Acura 2.3CL	1998	1999	√	√	√	√
Acura2.5TL	1995	1998	√	√	√	√
Acura 3.0CL	1997	2000	√	√	√	√
Acura 3.2CL	2001	2003	√	√	√	√
Acura 3.2TL	1995	2003	√	√	√	√
Acura 3.5RL	1996	2003	√	√	√	√
Acura MD-X	2001	2003	√	√	√	√
Pilot	2003	2003	√	√	√	√
Civic	1992	2003	√	√	√	√
Civic Coupe	1993	2003	√	√	√	√
CR-V	1997	2003	√	√	√	√
CR-X	1992	1997	√	√	√	√
Insight	2000	2003	√	√	√	√
Integra	1992	2001	√	√	√	√
acura rsx	2002	2003	√	√	√	√
NSX	1995	2003	√	√	√	√
Odyssey	1995	2003	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2003	√	√	√	√
Civic Hybrid	2002	2003	√	√	√	√
Element	2003	2003	√	√	√	√

# JAPANESE CAR COVERAGE LIST

SEP 7, 2006

## HONDA DOMESTIC VER2.70

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2005	√	until 2003	until 2003	until 2003
Acty	1994	2005	√	until 2003	until 2003	until 2003
Aria	2003	2003	√	√	√	√
Ascot	1994	1997	√	√	√	√
Avancier	2000	2002	√	√	√	√
Capa	1998	2001	√	√	√	√
Civic	1992	2005	√	until 2003	until 2003	until 2003
Civic Coupe	1993	1996	√	√	√	√
Civic 5Door	2001	2005	√	until 2003	until 2003	until 2003
Civic Hybrid	2002	2005	√	underdevelop	underdevelop	underdevelop
CR-V	1996	2005	√	until 2003	until 2003	until 2003
CR-X	1992	1996	√	√	√	√
Domani	1993	2000	√	√	√	√
Edix	2004	2005	√	underdevelop	underdevelop	underdevelop
Element	2003	2005	√	underdevelop	underdevelop	underdevelop
ElySION	2004	2005	√	underdevelop	underdevelop	underdevelop
Fit	2002	2005	√	underdevelop	underdevelop	underdevelop
Fit Aria	2003	2005	√	underdevelop	underdevelop	underdevelop
HR-V	1999	2003	√	√	√	√
Insight	2000	2005	√	until 2002	until 2002	until 2002
Inspire	1995	2005	√	until 2000	until 2000	until 2000
Inspire V6	1995	2003	√	√	√	√
Integra	1992	2005	√	until 2003	until 2003	until 2003
Integra SJ	1996	2000	√	√	√	√
Lagreat	1999	2004	√	√	√	√
Legend	1996	2005	√	until 2003	until 2003	until 2003
Life	1997	2005	√	until 2003	until 2003	until 2003
Logo	1997	2001	√	√	√	√
MDX	2003	2005	√	underdevelop	underdevelop	underdevelop
Mobilio	2002	2005	√	until 2002	until 2002	until 2002
NSX	1995	2005	√	until 2002	until 2002	until 2002
Odyssey	1995	2005	√	until 2003	until 2003	until 2003
Odyssey V6	1998	2003	√	√	√	√
Orthia	1996	2002	√	√	√	√
Partner	1996	2003	√	√	√	√
Prelude	1992	2001	√	√	√	√
Rafaga	1994	1997	√	√	√	√
S-MX	1997	2001	√	√	√	√
S2000	1999	2005	√	until 2003	until 2003	until 2003
Saber	1995	2003	√	√	√	√
Spike	2003	2005	√	until 2003	until 2003	until 2003
Step Wagon	1996	2004	√	√	√	√
Stream	2001	2005	√	until 2003	until 2003	until 2003
Today	1993	1998	√	√	√	√
Torneo	1998	2003	√	√	√	√
That's	2002	2005	√	until 2002	until 2002	until 2002
Vamos	1999	2005	√	until 2000	until 2000	until 2000
Z	1999	2003	√	√	√	√

**JAPANESE CAR  
COVERAGE LIST**

**SEP 7,2006**

[www.grm-group.ru](http://www.grm-group.ru)

## HONDA DOMESTIC VER 2.61

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2003	√	√	√	√
Acty	1994	2003	√	√	√	√
Ascot	1994	1997	√	√	√	√
Avancier	2000	2002	√	√	√	√
Capa	1998	2001	√	√	√	√
Civic	1992	2003	√	√	√	√
Civic Coupe	1993	1996	√	√	√	√
Civic 5Door	2001	2003	√	√	√	√
Stream	2001	2003	√	√	√	√
CR-V	1996	2003	√	√	√	√
CR-X	1992	1996	√	√	√	√
Domani	1993	2000	√	√	√	√
HR-V	1999	2003	√	√	√	√
Insight	2000	2002	√	√	√	√
Inspire	1995	2000	√	√	√	√
Inspire V6	1995	2003	√	√	√	√
Integra	1992	2003	√	√	√	√
Integra SJ	1996	2000	√	√	√	√
Lagreat	1999	2003	√	√	√	√
Legend	1996	2003	√	√	√	√
Life	1997	2003	√	√	√	√
Logo	1997	2001	√	√	√	√
Fit	2002	2002	√	√	√	√
NSX	1995	2002	√	√	√	√
Odyssey	1995	2003	√	√	√	√
Odyssey V6	1998	2003	√	√	√	√
Orthia	1996	2002	√	√	√	√
Partner	1996	2003	√	√	√	√
Prelude	1992	2001	√	√	√	√
Rafaga	1994	1997	√	√	√	√
S2000	1999	2003	√	√	√	√
Saber	1995	2003	√	√	√	√
S-MX	1997	2001	√	√	√	√
Step Wagon	1996	2003	√	√	√	√
Today	1993	1998	√	√	√	√
Toreno	1998	2003	√	√	√	√
Vamos	1999	2000	√	√	√	√
Z	1999	2003	√	√	√	√
Civichybrid	2002	2003	√	√	√	√
mobilio	2002	2002	√	√	√	√
That's	2002	2002	√	√	√	√
Spike	2003	2003	√	√	√	√
Aria	2003	2003	√	√	√	√
Md-x	2003	2003	√	√	√	√

# JAPANESE CAR COVERAGE LIST

SEP 7,2006

## HONDA EUROPEAN VER2.70

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2005	√	√	√	√
Accord Diesel	2004	2005	√	under develop	under develop	under develop
Accord V6	1998	2005	√	√	√	√
Civic	1992	2005	√	√	√	√
Civic 5Door	1995	2005	√	√	√	√
Civic Aero	1998	2000	√	√	√	√
Civic Coupe	1994	2005	√	√	√	√
Civic Diesel	2002	2005	√	under develop	under develop	under develop
Civic Hybrid	2003	2005	√	under develop	under develop	under develop
CR-V	1997	2005	√	√	√	√
CR-X	1992	1997	√	√	√	√
CR-V Diesel	2005	2005	√	under develop	under develop	under develop
FR-V	2005	2005	√	under develop	under develop	under develop
FR-V Diesel	2005	2005	√	under develop	under develop	under develop
HR-V	1999	2005	√	√	√	√
Insight	2000	2005	√	√	√	√
Integra	1998	2003	√	√	√	√
Jazz	2002	2005	√	√	√	√
Legend	1996	2004	√	√	√	√
Logo	1999	2000	√	√	√	√
NSX	1995	2005	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2005	√	√	√	√
Shuttle	1995	1999	√	√	√	√
Stream	2001	2005	√	√	√	√

**JAPANESE CAR  
COVERAGE LIST**

**SEP 7,2006**



[www.grm-group.ru](http://www.grm-group.ru)

**HONDA EUROPEAN VER 2.61**

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2003	√	√	√	√
Accord V6	1998	2003	√	√	√	√
Civic	1992	2003	√	√	√	√
Civic Aero	1998	2000	√	√	√	√
Civic Coupe	1994	2003	√	√	√	√
Civic 5Door	1995	2003	√	√	√	√
Stream	2001	2003	√	√	√	√
CR-V	1997	2003	√	√	√	√
CR-X	1992	1997	√	√	√	√
HR-V	1999	2003	√	√	√	√
Insight	2000	2003	√	√	√	√
Integra	1998	2003	√	√	√	√
Legend	1996	2003	√	√	√	√
Logo	1999	2000	√	√	√	√
NSX	1995	2003	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2003	√	√	√	√
Shuttle	1995	1999	√	√	√	√
Jazz	2002	2003	√	√	√	√

# JAPANESE CAR COVERAGE LIST

SEP 7,2006

## HONDA GENERAL AREA VER2.70

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2005	√	√	√	√
Accord V6	1995	2003	√	√	√	√
Acura 2.5TL	1995	1998	√	√	√	√
Acura 3.2TL	1996	2002	√	√	√	√
Acura 3.5TL	1996	2005	√	√	√	√
Acura TL	2004	2005	√	under develop	under develop	under develop
City	1996	2005	√	√	√	√
Civic	1992	2005	√	√	√	√
Civic 5Door	1997	2004	√	√	√	√
Civic Coupe	1994	2003	√	√	√	√
Civic Hybrid	2002	2002	√	√	√	√
CR-V	1996	2005	√	√	√	√
CR-X	1992	1997	√	√	√	√
FIT	2002	2005	√	√	√	√
HR-V	1999	2003	√	√	√	√
Insight	2001	2004	√	√	√	√
Inspire V6	1999	2000	√	√	√	√
Integra	1992	2003	√	√	√	√
Jazz	2002	2005	√	√	√	√
Legend	1996	2004	√	√	√	√
Logo	1999	2000	√	√	√	√
MD-X	2003	2004	√	√	√	√
MR-V	2003	2005	√	under develop	under develop	under develop
NSX	1995	2004	√	√	√	√
Odyssey	1995	2005	√	√	√	√
Odyssey V6	2000	2003	√	√	√	√
Pilot	2003	2005	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2004	√	√	√	√
Step Wagon	1998	2003	√	√	√	√
Stream	2001	2004	√	√	√	√
Vigor	1995	1998	√	√	√	√

# JAPANESE CAR COVERAGE LIST

SEP 7,2006

## HONDA GENERAL AREA VER2.70

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2005	√	√	√	√
Accord V6	1995	2005	√	√	√	√
Accord Hybric	2005	2005	√	under develop	under develop	under develop
Acura 1.6EL	1997	2000	√	√	√	√
Acura 1.7EL	2001	2005	√	√	√	√
Acura 2.2CL	1997	1997	√	√	√	√
Acura 2.3CL	1998	1999	√	√	√	√
Acura 2.5TL	1995	1998	√	√	√	√
Acura 3.0CL	1997	2000	√	√	√	√
Acura 3.2CL	2001	2003	√	√	√	√
Acura 3.2TL	1996	2003	√	√	√	√
Acura 3.5RL	1996	2005	√	√	√	√
Acura MD-X	2001	2005	√	√	√	√
Acura RSX	2002	2005	√	√	√	√
Acura TSX	2003	2005	√	under develop	under develop	under develop
Acura TL	2004	2005	√	under develop	under develop	under develop
Civic	1992	2005	√	√	√	√
Civic Coupe	1993	2005	√	√	√	√
Civic Hybrid	2002	2005	√	√	√	√
CR-V	1997	2005	√	√	√	√
CR-X	1992	1997	√	√	√	√
Element	2003	2005	√	√	√	√
Insight	2000	2005	√	√	√	√
Integra	1993	2001	√	√	√	√
NSX	1995	2005	√	√	√	√
Odyssey	1995	2005	√	√	√	√
Pilot	2003	2005	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2005	√	√	√	√

**HONDA GENERAL AREA VER 2.61**

Model Name	From	Until	Engine	Transmission	ABS	SRS
Accord	1994	2003	√	√	√	√
Accord V6	1995	2003	√	√	√	√
Acura 2.5TL	1995	1998	√	√	√	√
Acura 3.2TL	1996	2002	√	√	√	√
Acura 3.5TL	1996	2003	√	√	√	√
City	1996	2003	√	√	√	√
Civic	1992	2003	√	√	√	√
Civic Coupe	1994	2003	√	√	√	√
Civic 5Door	1997	2003	√	√	√	√
Stream	2001	2003	√	√	√	√
CR-V	1996	2003	√	√	√	√
CR-X	1992	1997	√	√	√	√
HR-V	1999	2003	√	√	√	√
Insight	2001	2003	√	√	√	√
Inspire V6	1999	2000	√	√	√	√
Integra	1992	2003	√	√	√	√
Legend	1996	2003	a	√	√	√
Logo	1999	2000	√	√	√	√
NSX	1995	2003	√	√	√	√
Odyssey	1995	2003	√	√	√	√
Odyssey V6	2000	2003	√	√	√	√
Prelude	1992	2001	√	√	√	√
S2000	2000	2003	√	√	√	√
Step Wagon	1998	2003	√	√	√	√
Vigor	1995	1998	√	√	√	√
FIT	2002	2003	√	√	√	√
Jazz	2002	2003	√	√	√	√
Pilot	2003	2003	√	√	√	√
Civichybrid	2002	2002	√	√	√	√
MD-X	2003	2003	√	√	√	√

# JAPANESE CAR COVERAGE LIST

MAY 16,2006

## MITSUBISHI VER 3.49

Applicable regions : Worldwide (5 regional versionis inclusive)  
Japanese domestic, North American, Malaysian, Australian and Asian

### Vehicle Coverage

Electronic control systems is unable to list the detailed coverage due to inherent communication characteristics. Followings are the model names and supported systems that the worldwide distributors of Hanatech and we have successfully tested.

Therefore, the coverage provided below does not mean that the scanner applications are limited only to those listed, but must be regarded as presenting a few examples of most popular Mitsubishi cars.

### MODELS

3000GT, Carisma, Colt, Diamante, Eclipse, Endeavor, Expo, Galant, Lancer, L200, Mirage, L200, Legnum, Libero, Magna, Montero, Outlander, Pajero, Shogun, Space Star, Space Wagon, Maven, Colt T120MPI, Grandis etc.

MODEL YEARS : 1988 ~ 2003

### Supported Systems

Engine, Transmission, ABS, SRS, ECS, Traction, Air Conditioner

# JAPANESE CARS COVERAGE LIST

AUG 18 2006

## NISSAN

Supported 2004 - 2005MY vehicle with CAN-BUS Communication

Applicable regions : Worldwide (Uniform protocol)

### Vehicle Coverage

The detailed coverage list is not available for electronic control systems due to inherent communication characteristics. Followings are the model names and supported systems that the worldwide distributors of Hanatech and we have successfully tested.

Therefore, the coverage provided below does not mean that the scanner applications are limited only to those listed, but must be regarded as presenting a few examples of most popular Mitsubishi cars.

### MODELS

200S, 240S, 300Z, 350Z, Armada, Almera, Altima, Axxess, Blueburd, Cedric, Cefiro, Cima, Fairlady, Frontier, Gloria, Liberty, March, Maxima, Mini Van, Murano, NX, Pathfinder, Pickup, President, Primera, Pulsar, Quest, Safari, SE-R, Sentra, Serena, Silvia, Skyline, Stanza, Sunny, Titan, Teana, Terrano 2, Tino, Verita, Xterra, Xtrail, Patrol, etc

MODEL YEARS : 1988 ~ 2005 (Include CAN System)

### Supported Systems

Engine, Transmission, ABS, SRS, IVMS(In-Vehicle Management System), HICAS (Hi Capacity Active Steering-Four wheel steering), ASCD(Automatic Speed Control Device - Cruise)

A/T CAN SYSTEM, BODY, IPDM, AUTO DRIVE POSITION, METER  
REAR VIEW CAMERA, INTELLIGENT KEY

# JAPANESE CAR COVERAGE LIST

SEP 7,2006

## NISSAN VER3.24

Supported 2004 - 2005MY vehicle with CAN-BUS Communication

Applicable regions : Worldwide (Uniform protocol)

### Vehicle Coverage

The detailed coverage list is not available for electronic control systems due to inherent communication characteristics. Followings are the model names and supported systems that the worldwide distributors of Hanatech and we have successfully tested.

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### MODELS

200S, 240S, 300Z, 350Z, Armada, Almera, Altima, Axxess, Blueburd, Cedric, Cefiro, Cima, Fairlady, Frontier, Gloria, Liberty, March, Maxima, Mini Van, Murano, NX, Pathfinder, Pickup, President, Primera, Pulsar, Quest, Safari, SE-R, Sentra, Serena, Silvia, Skyline, Stanza, Sunny, Titan, Teana, Terrano 2, Tino, Verita, Xterra, Xtrail, Patrol, etc

MODEL YEARS : 1988 ~ 2005 (Include CAN System)

### Supported Systems

Engine, Transmission, ABS, SRS, IVMS(In-Vehicle Management System), HICAS (Hi Capacity Active Steering-Four wheel steering), ASCD(Automatic Speed Control Device - Cruise)

A/T CAN SYSTEM, BODY, IPDM, AUTO DRIVE POSITION, METER

REAR VIEW CAMERA, INTELLIGENT KEY

IMMOBILIZER

# JAPANESE CAR COVERAGE LIST

1  
MAY 16,2006

## NISSAN VER 3.21

Supported 2004 - 2005MY vehicle with CAN-BUS Communication

Applicable regions : Worldwide (Uniform protocol)

### Vehicle Coverage

The detailed coverage list is not available for electronic control systems due to inherent communication characteristics. Followings are the model names and supported systems that the worldwide distributors of Hanatech and we have successfully tested.

Therefore, the coverage provided below does not mean that the scanner applications are limited only to those listed, but must be regarded as presenting a few examples of most popular Mitsubishi cars.

### MODELS

200S, 240S, 300Z, 350Z, Armada, Almera, Altima, Axxess, Blueburd, Cedric, Cefiro, Cima, Fairlady, Frontier, Liberty, March, Maxima, Mini Van, Murano, NX, Pathfinder, Pickup, President, Primera, Pulsar, Quest, Safari, SE-R, Sentra, Serena, Silvia, Skyline, Stanza, Sunny, Titan,Teana, Terrano 2, Tino, Verita, Xterra, Xtrail, Patrol.

MODEL YEARS : 1988 ~ 2005 (Include CAN System)

### Supported Systems

Engine, Transmission, ABS, SRS, IVMS(In-Vehicle Management System), HICAS (Hi Capacity Active Steering-Four wheel steering), ASCD(Automatic Speed Control Device - Cruise)

A/T CAN SYSTEM, BODY, IPDM, AUTO DRIVE POSITION, METER  
REAR VIEW CAMERA, INTELLIGENT KEY

## JAPANESE CAR COVERAGE LIST

### MAZDA USA VER 2.72

MY	MODEL & ENGINE TYPE	PCM	TCM	A/C	ABS	CCM	GEM	IABM	ICM	PATS	RAP	RCM	4X4
1988	ALL	√	√										
1989	ALL	√	√										
1990	ALL	√	√										
1991	EXCEPT NAVAJO	√	√										
	NAVAJO	√											
1992	EXCEPT NAVAJO	√	√	√	√	√							
	NAVAJO	√											
1993	EXCEPT NAVAJO	√	√	√	√	√							
	4.0L 49S NAVAJO	√			√								
	4.0L CAL NAVAJO	√			√								
1994	ALL 323/PROTEGE	√	√										
	FS MT 626/MX-6	√	√		√	√							
	FS ECAT 626/MX-6	√			√	√							
	KL 626/MX-6	√	√		√	√							
	ALL 929	√	√	√		√							
	B6 MX-3	√	√			√							
	K8 MX-3	√	√			√							
	ALL MIATA	√	√										
	ALL RX-7	√	√			√							
	G6 MPV	√	√										
	JE MPV	√	√										
	4.0L NAVAJO	√				√							
	B2300, B3000, B4000	√											
1995	PROTEGE	√	√			√							
	FS MT 626/MX-6	√	√			√							
	FS ECAT 626/MX-6	√	√			√							
	KL 626/MX-6	√	√		√	√							
	ALL 929	√	√	√	√	√							
	MX-3	√	√			√							
	ALL MIATA	√	√			√							
	ALL RX-7	√	√			√	√						
	G6 MPV	√											
	JE MPV	√	√										
	MILLENNIA	√		√	√	√							
B2300, B3000, B4000	√				√		√				√		
1996	PROTEGE	√			√	√							
	FS MT 626/MX-6	√			√	√							
	FS ECAT 626/MX-6	√			√	√							
	KL MT 626/MX-6	√			√	√							
	KL ECAT 626/MX-6	√			√	√							
	KC ECAT 626/MX-6	√			√	√							
	JE ECAT 929	√		√	√	√							
	BP MT MIATA	√			√								
	BP ECAT MIATA	√			√								
	MX-3	√			√								
	JE ECAT MPV	√			√	√							
	MILLENNIA	√		√	√	√							

## JAPANESE CAR COVERAGE LIST

	B2300, B3000, B4000	√			√		√	√			√		
1997	PROTEGE	√			√								
	FS MT 626/MX-6	√			√	√							
	FS ECAT 626/MX-6	√			√	√							
	KL 626/MX-6	√			√	√							
	BP MT MIATA	√			√	√							
	BP ECAT MIATA	√			√	√							
	JE ECAT 929	√			√	√							
	MILLENNIA	√			√	√							
	B2300, B3000, B4000	√			√		√	√				√	
1998	Z5 PROTEGE	√			√								
	BP PROTEGE	√			√	√							
	626	√			√								
	JE ECAT MPV	√			√	√							
	MILLENNIA	√		√	√	√							
	B2500	√			√		√	√			√		
	B3000	√			√		√	√			√		
	B4000	√			√		√	√			√		
1999	PROTEGE	√			√	√							
	626	√			√								
	BP MIATA	√			√	√							
	JE AT MPV	√			√	√							
	MILLENNIA	√		√	√	√							
	MILLENNIA(NEW ABS)	√		√	√	√							
	B2500	√			√		√			√	√	√	
	B3000	√			√		√			√	√	√	
2000	GY AT MPV (CALIF.)	√			√	√							
	GY AT MPV (FED,CANADA)	√			√	√							
	PROTEGE	√			√	√							
	FS 626	√			√								
	KL 626	√			√								
	BP MIATA	√			√	√							
	KL AT MILLENNIA	√		√	√	√							
	KJ AT MILLENNIA	√		√	√	√							
	B2500	√			√		√	√		√	√		
	B3000	√			√		√	√		√	√		
	B4000	√			√		√	√		√	√		
2001	GY AT MPV	√			√	√							
	PROTEGE	√			√	√							
	626	√			√								
	BP MIATA	√			√	√							
	MILLENNIA	√		√	√	√							
	YF TRIBUTE(EP)	√			√		√		√			√	
	AJ AT TRIBUTE(EP)	√			√				√			√	
	B2300	√			√		√	√			√		√
	B2500	√			√		√	√			√		√
	B3000	√			√		√	√			√		√
B4000	√			√		√	√			√		√	

**JAPANESE CAR  
COVERAGE LIST**

**MAZDA NON USA VER 3.01**

MY	MODEL & ENGINE TYPE	PCM	TCM	A/C	ABS	CCM	4WS	EPS	PAT	ECS	DSM	HEC	GEM	ICM	RCM		
2001MY Before	121 (DB)	B3(MT/AT)	√	√		√											
	121 (ZQ)	ZETEC-SE(MT/AT)	√			√				√							
		ENDURA-E(MT)	√			√				√							
		ENDURA-DE(MT)	√			√				√		√					
		ZETEC-SE(MT/AT)1998-1/2MY	√			√				√							
		ENDURA-E(MT)1998-1/2MY	√			√				√							
		ENDURA-DE(MT)1998-1/2MY	√			√				√		√					
		ZTETC-SE(MT)1999MY	√			√											
		ZETEC-SE(AT)1999MY	√			√				√							
		ENDURA-E(MT)1999MY	√			√											
		ENDURA-DE(MT)1999MY	√			√				√		√					
		ZETEC-SE(MT)1999-1/2MY	√			√								√			
		ZETEC-SE(AT)1999-1/2MY	√			√				√				√			
		ENDURA-E(MT)1999-1/2MY	√			√								√			
		ENDURA-DE(MT)1999-1/2MY	√			√				√		√	√	√			
		ZETEC-SE(MT)2000MY	√			√					√			√			
		ZETEC-SE(AT)2000MY	√			√				√	√			√			
		ENDURA-E(MT)2000MY	√			√					√			√			
		ENDURA-DE(MT)2000MY	√			√				√	√	√	√	√			
		ZETEC-SE(MT)2000-1/2MY	√			√					√			√			
		ZETEC-SE(AT)2000-1/2MY	√			√					√			√			
	ENDURA-E(MT)2000-1/2MY	√			√					√			√				
	ENDURE-DE(MT)2000-1/2MY	√			√					√			√				
	ZETEC-SE(MT)2001MY	√			√					√			√				
	ZETEC-SE(AT)2001MY	√			√					√			√				
	ENDURA-E(MT)2001MY	√			√					√			√				
	ENDURA-DE(MT)2001MY	√			√					√			√				
	323 (BA)	B3(MT)	√														
		BP(MT)	√			√											
		BP(AT)	√			√											
		Z5(MT)	√			√											
		Z5(AT)	√			√											
		KF(MT/AT)	√	√		√											
		B3(MT) #500001-	√			√											
		BP(MT) #500001-	√			√											
		BP(AT) #500001-	√			√											
		Z5(MT) #500001-	√			√											
	Z5(AT) #500001-	√			√												
	323 (BG)	B3(MT)	√														
		B6(MT/AT)	√	√		√											
		BP(MT/AT)	√	√		√											
		B3(MT)	√		√	√											
FP(MT)		√		√	√												
323 (BJ)	FP(AT)	√		√	√												
	ZL(MT)	√		√	√												
	ZL(AT)	√		√	√												
	ZM(MT)	√			√												
	ZM(AT)	√			√												

**JAPANESE CAR  
COVERAGE LIST**

323 (BJ)	RF-I(MT)	√	√	√															
	RF-T(MT)	√	√	√															
	B3(MT) #400001 - E-OBD	√	√	√															
	FP(MT) #400001	√	√	√															
	FP(AT) #400001	√	√	√															
	FS(MT) #400001 - E-OBD	√	√	√															
	FS(AT) #400001 - E-OBD	√	√	√															
	ZM(MT) #400001 - E-OBD	√	√	√															
	ZM(AT) #400001 - E-OBD	√	√	√															
	RF-T(MT) #400001-STEP3	√	√	√															
626 (GF)	FP(MT)	√	√	√	√														
	FP(AT)	√	√	√	√														
	FS(MT)	√	√	√	√														
	FS(AT)	√	√	√	√														
	RF-T(MT)	√	√	√															
	FP(MT) #400001-	√	√	√	√														
	FS(MT) #400001-	√	√	√	√														
	FS(AT) #400001-	√	√	√	√														
	RF-T(MT) #400001-	√	√	√	√														
	FP(MT) E-OBD	√	√	√	√														
	FS(MT) E-OBD	√	√	√	√														
	FS(AT) E-OBD	√	√	√	√														
	RF-T(MT) STEP-3	√	√	√															
626 WAGON(GW)	FP(MT)	√	√	√	√														
	FS(MT)	√	√	√	√														
	FS(AT)	√	√	√	√														
	RF-T(MT)	√	√	√															
	FP(MT) #200001-	√	√	√	√														
	FS(MT) #200001-	√	√	√	√														
	FS(AT) #200001-	√	√	√	√														
	RF-T(MT)#200001-	√	√	√															
	FP(MT) E-OBD	√	√	√	√														
	FS(MT) E-OBD	√	√	√	√														
	FS(AT) E-OBD	√	√	√	√														
	RF-T(MT) STEP-3	√	√	√															
626/MX-6(GE)	FP(MT)	√																	
	FP(AT)	√																	
	FS(MT)	√																	
	FS(AT)	√																	
	KL(MT)	√																	
	KL(AT)	√																	
	RF(MT)	√																	
B-SERIES (UF)	B2200 (UF) F2(MT)	√																	
	B2600 (UF) G6(MT)	√																	
B-SERIES (UN)	B2200 (UN) F2(MT)	√																	
	B2600 (UN) G6(MT)	√																	
	B2500 (UN) WL(MT)	√			√														
DEMIO (DW)	B3(MT)	√		√															
	B3(MT) #300001-	√		√		√													
	B5(MT) #300001-	√		√		√													
	B5(AT)#300001-	√		√		√													
	B3(MT) E-OBD	√		√		√													
	B5(MT) E-OBD	√		√		√													
E-SERIES(SD,SP)	B5(AT) E-OBD	√		√		√													
	FE(MT) #800001-	√																	

**JAPANESE CAR  
COVERAGE LIST**

2001MY Before	E-SERIES(SK,SL)	FE(MT)	√																	
		R2(MT)	√																	
	MPV (LV)	JE(MT)	√				√	√												
		JE(AT)	√	√			√	√												
		WL(MT)	√				√													
	MPV(LW)	FS(MT)	√				√													
		FS(MT) E-OBD	√				√													
		GY(AT)	√				√	√												
	MX-3 (EC)	B6(MT)	√			√														
		B6(AT)	√	√		√														
		K8(MT)	√			√														
	MX-5 (NA)	B6(MT)	√																	
		BP(MT)	√			√														
	MX-5 (NB)	B6(MT)	√			√														
		BP(MT)	√			√														
		B6(MT)#20001 - E-OBD	√			√														
		BP(MT)#200001 - E-OBD	√			√														
	PREMACY (CP)	BP(AT)#20000 - E-OBD	√			√														
		FP(MT)	√				√													
		FP(AT)	√				√													
		RF(MT)	√				√													
		FP(MT) E-OBD	√				√													
		FP(AT) E-OBD	√				√													
	RF-T(MT)STEP 3	√				√														
	RX-7 (FD)	N3(MT)	√				√	√												
	TRIBUTE (EP)	AJ(AT) E-OBD	√				√										√	√	√	
		YF(MT) E-OBD	√				√										√	√	√	
	XEDOS 6 (CA)	6B(MT/AT)	√	√			√													
		B6(MT) #200001-	√				√													
		B6(AT) #200001-	√				√													
		KF(MT)	√				√	√	√											
		KF(AT)	√				√	√	√											
	XEDOS 9 (TA)	KF(MT)	√				√	√	√											
		KF(MT) #200001-	√				√	√	√											
		KL(MT/AT)	√	√			√	√	√	√										
		KL(MT) #200001-	√				√	√	√	√										
		KL(AT) #200001-	√				√	√	√	√										
		KL(AT)#400001 - E-OBD	√				√	√	√	√										
		KJ(AT)	√				√	√	√	√										
	KJ(AT) #200001-	√				√	√	√	√											

# JAPANESE CAR COVERAGE LIST

## SUZUKI USA VER 1.74

MODEL	SYSTEM	TYPE	MY										
			'96	'97	'98	'99	'00	'01	'02	'03	'04	COMMON	
SWIFT	POWER TRAIN		YES	YES	YES	YES	YES	YES					
ESTEEM	POWER TRAIN		YES	YES	YES	YES	YES	YES	YES				
	ABS		YES	YES	YES	YES	YES	YES	YES				
	AIR BAG											YES	
X-90	POWER TRAIN		YES	YES	YES								
AERIO	POWER TRAIN									YES	YES	YES	
	BODY	AIR BAG								YES	YES	YES	YES
		HVAC											
	CHASSIS	ABS							YES	YES	YES		
SIDE KICK	POWER TRAIN		YES	YES	YES								
	CHASSIS	ABS											
XL-7	POWER TRAIN					YES	YES	YES	YES	YES	YES		
	BODY	AIR BAG				YES	YES	YES	YES	YES	YES		
		BCM								YES	YES		
		HVAC										YES	
	CHASSIS	ABS				YES	YES	YES	YES	YES			
4WD											YES		
GRAND VITARA	POWER TRAIN					YES	YES	YES	YES	YES	YES		
	BODY	AIR BAG				YES	YES	YES	YES	YES	YES		
		BCM								YES	YES		
		HVAC										YES	
	CHASSIS	ABS				YES	YES	YES	YES	YES			
4WD											YES		
VITARA	POWER TRAIN					YES	YES	YES	YES	YES	YES		
	BODY	AIR BAG				YES	YES	YES	YES	YES	YES		
		BCM								YES	YES		
		HVAC										YES	
	CHASSIS	ABS				YES	YES	YES	YES	YES			
4WD											YES		

# JAPANESE CAR COVERAGE LIST

MAY 16,2006

## SUZUKI(NON USA) VER 1.86

MODEL	POWERTRAIN	EPS	ABS	AIRBAG	MMOBILIZEI	HVAC	BCM
SWIFT	YES	YES	YES	YES			YES
ALTO	YES	YES	YES	YES	YES		
BALENO	YES		YES	YES	YES		
ALTO	YES			YES			
IGNIS	YES	YES	YES	YES	YES		
WAGON R+	YES	YES	YES	YES	YES		
MR WAGON	YES		YES	YES			
LIANA	YES		YES	YES	YES	YES	
BALENO	YES		YES				
AERIO	YES		YES				
CARRY 1.3	YES	YES	YES	YES	YES		
LANDY	YES	YES	YES	YES			
EVERY+	YES	YES	YES	YES			
JIMNY	YES		YES	YES	YES		
SAMURAI	YES		YES		YES		
X-90	YES				YES		
VITARA	YES		YES		YES		
GRAND VITARA	YES		YES	YES	YES	YES	YES
XL-7	YES		YES	YES	YES	YES	YES
APV	YES						

● : FUNCTION SUPPORT

- : FUNCTION NOT SUPPORT

▽ : FUNCTION SUPPORT or NOT SUPPORT

## SUZUKI INDIA VER 2.04

MAKER	MODEL	SYSTEM	YEARS	DCN PRO/ SCAN				TECH - 1			
				DTC	DATA STREAM	ERASE	MISC TEST	DTC	DATA STREAM	ERASE	MISC TEST
SUZUKI	800	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	OMNI	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	ALTO	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	ZEN	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	WAGON R	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	BALENO	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	ESTEEM	ENGINE	~2002MY	●	●	●	●	●	●	●	●
	GYPSY	ENGINE	~2002MY	-	-	-	-				
VERSA	ENGINE	~2002MY	-	-	-	-					

## JAPANESE CAR COVERAGE LIST

### ISUZU VER 1.05

Model		System	Sub system	Support
RODEO	1998	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
	1999	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
	2000	Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
	2001	Body	SRS - AirBag	√
			IMMOBILISER	√
		Engine	2.2L L4 SOHC	√
			3.2L V6 6VD1	√
	2002	Body	SRS - AirBag	√
			IMMOBILISER	√
Engine		2.2L L4 SOHC	√	
		3.2L V6 6VD1	√	
TROOPER	1998	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	1999	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2000	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2001	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2002	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
	2003	Engine	3.0L L4 4JX1	√
			3.5L V6 6VE1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√
FRONTERA	1999	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
	Body	SRS - AirBag	√	
		IMMOBILISER	√	
	2000	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
	Body	SRS - AirBag	√	
		IMMOBILISER	√	
	2001	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
Body	SRS - AirBag	√		
	IMMOBILISER	√		
2002	Engine	2.2L L4 X22SE	√	
		3.2L V6 6VD1	√	
	Body	SRS - AirBag	√	
		IMMOBILISER	√	
		Engine	2.2L L4 X22SE	√

**JAPANESE CAR  
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	2003	Engine	3.2L V6 6VD1	√
		Body	SRS - AirBag	√
			IMMOBILISER	√

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## SUBARU VER 2.13

System	Model Year	DTC	DATA STREAM	ERASE	ACTIVATION
ENGINE	~ 91	√	√	√	
	92	√	√	√	
	93	√	√	√	
	94	√	√	√	
	94-97	√	√	√	
	98-00	√	√	√	
	01-02	√	√	√	
TCU	~ 91	√	√	√	
	92	√	√	√	
	93	√	√	√	
	94	√	√	√	
	94-97	√	√	√	
	01-02	√	√	√	
ABS	~ 91	√	√	√	
	92	√	√	√	
	93	√	√	√	
	94	√	√	√	
	94-97	√	√	√	
	01-02				
SRS	93	√			
	94	√			
	94-97	√			
	01-02				

# KOREAN CARS

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 **HANATECH CO.,LTD.**

# KOREAN CAR COVERAGE LIST

MAY 16,2006

## HYUNDAI USA VER 2.06

MODEL	SYSTEM	Sub System / Model Year	DTC	Live Data	Actuation Test
ACCENT	ENGINE SOHC	2004	√	√	
		2003-	√	√	
		2000-2002	√	√	
		1999	√	√	
		1998	√	√	
		1997	√	√	
		1996	√	√	
		1995	√	√	√
	ENGINE DOHC	2004	√	√	
		2003-	√	√	
		2000-2002	√	√	
		1999	√	√	
		1998	√	√	
		1997	√	√	
		1996	√	√	
		1995	√	√	√
	AUTOMATIC TRANSAXLE	2003-	√	√	√
		2000-2002	√	√	√
		1995-1999	√	√	√
	ANTI-LOCK BRAKE SYSTEM	2000-	√	√	√
		1995-1999	√	√	√
	SRS-AIRBAG	2003	√	√	
		2000-	√	√	
		1995-1999	√	√	
IMMOBILIZER	2003-		√		
	2000-2002		√		
	1995-1999	√	√		
ELANTRA	ENGINE	2004	√	√	√
		2003(SULEV)-	√	√	√
		2003(NO SULEV)-	√	√	√
		2001-2002	√	√	√
		1999-2000	√	√	
		1998	√	√	
		1997	√	√	
		1996	√	√	
		1992-1995	√	√	√
	AUTOMATIC TRANSAXLE	2004	√	√	√
		2003(SULEV)-	√	√	√
		2003(NO SULEV)-	√	√	√
		2001-2002	√	√	√
		1999-2000(June1, 1999~)	√	√	√
		1992-1999(~June1, 1999)	√	√	√
	ANTI-LOCK BRAKE SYSTEM		√	√	√
	SRS-AIRBAG	2004	√	√	

# KOREAN CAR COVERAGE LIST

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	SRS-AIRBAG	-2003	√	√	
	IMMOBILIZER	'1.6: 2001MY-		√	
		'1.8, 2.0: 2001MY-		√	
		1996-2000	√	√	
	TRACTION CONTROL SYSTEM		√	√	√
SONATA	ENGINE L4	2002-	√	√	√
		1999-2001	√	√	√
		1998	√	√	√
		1997	√	√	√
		1994-1996	√	√	√
		1989-1993	√	√	√
	ENGINE V6	2003-	√	√	√
		1999-2002	√	√	√
		1998	√	√	√
		1997	√	√	√
		1994-1996	√	√	√
		1989-1993	√	√	√
	AUTOMATIC TRANSAXLE		√	√	√
	ANTI-LOCK BRAKE SYSTEM	-2002(-02/15/02,ITT)	√	√	√
		2002-(02/15/02-,BOSCH)	√	√	√
	SRS-AIRBAG	2002-	√	√	
		1999-2001	√	√	
		1989-1998	√	√	
	IMMOBILIZER	1999-	√	√	
		1994-1998	√	√	
TRACTION CONTROL SYSTEM	-2002(-02/15/02,ITT)	√	√	√	
	2002-(02/15/02-,BOSCH)	√	√	√	
SANTAFE	ENGINE L4	2001-	√	√	√
	ENGINE V6	3.5L, 2003~	√	√	√
		2.7L, 2003 ~	√	√	√
		2.7L, ~2002	√	√	√
	AUTOMATIC TRANSAXLE	3.5L	√	√	√
		2.4L/2.7L	√	√	√
	ANTI-LOCK BRAKE SYSTEM	2WD	√	√	√
		4WD	√	√	√
	SRS-AIRBAG		√	√	
	IMMOBILIZER		√	√	
TRACTION CONTROL SYSTEM		√	√	√	
4WD CONTROL		√			
	ENGINE L4	2004	√	√	√
		2003-	√	√	√
		1999-2001	√	√	
		1998	√	√	
		1997	√	√	
	ENGINE V6	AFTER JAN 1,2003	√	√	√
		BEFORE JAN 1,2003	√	√	√
		2003-	√	√	√

# KOREAN CAR COVERAGE LIST

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TIBURON	AUTOMATIC TRANSAXLE	1999-2001(June1, 1999~)	√	√	√
		1992-1999(~June1, 1999)	√	√	√
	ANTI-LOCK BRAKE SYSTEM		√	√	√
	SRS-AIRBAG	2003-	√	√	
		2000-2001	√	√	
		1997-1999	√	√	
	IMMOBILIZER	1.6/2.0, 2003 ~		√	
		2.7, 2003 ~	√	√	
1997-2001		√	√		
TRACTION CONTROL SYSTEM	2003-	√	√	√	
XG 300/350	ENGINE V6	2001-	√	√	√
	AUTOMATIC TRANSAXLE		√	√	√
	ANTI-LOCK BRAKE SYSTEM		√	√	√
	SRS-AIRBAG		√	√	
	IMMOBILIZER		√	√	
	TRACTION CONTROL SYSTEM		√	√	√
EXCEL	ENGINE		√	√	√
	AUTOMATIC TRANSAXLE		√	√	√
SCOUPE	ENGINE-CALIFORNIA	1996	√	√	√
		1995	√	√	√
		1994	√	√	√
		1993	√	√	√
		1992	√	√	√
		1991	√	√	√
	ENGINE-FEDERAL	1996	√	√	√
		1995	√	√	√
		1994	√	√	√
		1993	√	√	√
		1992	√	√	√
		1991	√	√	√
	ENGINE-TURBO	1996	√	√	√
		1995	√	√	√
		1994	√	√	√
		1993	√	√	√
		1992	√	√	√
	AUTOMATIC TRANSAXLE		√	√	√

# KOREAN CAR COVERAGE LIST

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## HYUNDAI NON USA VER 2.10

MODEL	SYSTEM	Sub System / Model Year	DTC	Live Data	Actuation Test	RESET Adaptation	IDLE CO Adjust	PW Recode	Teach Mode	Neutral Mode	Limp home mode	Crash Info	Master key Recode	Master key Delete	IMM. Reset	
ATOS F/LEFT 05	ENGINE L4-SOHC	UNLEAD GEN	√	√	√											
		UNLEAD EOBD	√	√												
		UNLEAD MEX	√	√												
		LEAD	√	√	√	√	√									
	A / T		√	√	√											
	ABS		√	√	√											
	SRS-AIRBAG		√	√												
IMMOBILIZER			√													
ATOS APR-98	ENGINE L4-SOHC	UNLEAD GEN	√	√	√											
		UNLEAD EOBD	√	√												
		UNLEAD MEX	√	√												
		UNLEAD IMM	√	√	√											
		LEAD	√	√	√	√	√									
	A / T		√	√	√											
	SAT		√	√												
	ABS		√	√	√											
	SRS-AIRBAG		√	√												
IMMOBILIZER			√													
GETZ	ENGINE(GASOLINE)	UNLEAD GEN	√	√												
		LEAD ALL	√	√			√									
		UNLEAD EOBD	√	√												
	ENGINE-DIESEL		√	√	√											
	A / T		√	√	√											
	ABS		√	√	√											
	SRS-AIRBAG		√	√												
	IMMOBILIZER		√	√				√	√	√	√					
ELEC. STEERING		√	√													
ACCENT03-05	ENGINE(GASOLINE)	UNLEAD GEN	√	√												
		LEAD ALL	√	√			√									
		UNLEAD EOBD	√	√												
		ULLEAD 03MY OBD-II	√	√												
		ULLEAD 04MY OBD-II	√	√												
	ENGINE-DIESEL		√	√	√											
	A / T		√	√	√											
			√	√	√											
	ABS		√	√	√											
	SRS-AIRBAG	SRE-LC/HMC	√	√										√		
		SRE-SMART(DUAL STAGE)	√											√		
IMMOBILIZER	GASOLINE		√					√	√	√	√					
	DIESEL		√					√	√	√	√					

# KOREAN CAR COVERAGE LIST

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ACCENT 00~02	ENGINE L4-SOHC	LEAD ALL	√	√			√													
		UNLEAD GEN	√	√																
		UNLEAD EOBD	√	√																
		UNLEAD OBD-II	√	√																
	ENGINE L4-DOHC	LEAD ALL	√	√			√													
		UNLEAD GEN	√	√																
		UNLEAD EOBD	√	√																
		UNLEAD OBD-II	√	√																
	ENGINE-DIESEL		√	√	√															
	A / T		√	√	√															
	ABS		√	√	√															
	SRS-AIRBAG		√																√	
	IMMOBILIZER	GASOLINE		√				√	√	√	√									
DIESEL			√				√	√	√	√										
ACCENT	ENGINE L4-SOHC	UNLEAD 1.3 95-97MY GEN	√	√	√															
		UNLEAD 1.3 95-97MY IMM	√	√	√															
		UNLEAD 1.3L 98MY GEN	√	√	√															
		UNLEAD 1.3L 98MY IMM	√	√	√															
		UNLEAD 1.5L 95MY	√	√	√															
		UNLEAD 1.5L 96-98MY	√	√	√															
		UNLEAD 1.5L IMM	√	√	√															
		UNLEAD 1.5 95-97MY KOR	√	√	√															
		UNLEAD 1.5L 98MY KOR	√	√	√															
		LEAD 1.5L 95MY	√	√	√															
		LEAD 1.5L 96-98MY	√	√	√															
		UNLEAD 96-97MY OBD-II	√	√																
		UNLEAD 98-99MY OBD-II	√	√																
		ENGINE L4-DOHC	UNLEAD 1.5 95-97MY MAF	√	√	√														
	UNLEAD 1.5L 97MY IMM		√	√	√															
	UNLEAD 1.5 98-99MY IMM		√	√	√															
	UNLEAD 1.5 97-98MY MAP		√	√	√															
	UNLEAD 96-97MY OBD-II		√	√																
	A / T		√	√	√															
	ABS		√	√	√															
	SRS-AIRBAG		√																√	
IMMOBILIZER		√	√				√		√								√	√	√	
EXCEL	ENGINE L4-SOHC		√	√																
	A / T		√	√	√															
SCOUPE	ENGINE L4-SOHC	UNLEAD 94-96MY GEN	√	√	√															
		UNLEAD 92-94MY ALL	√	√	√															
		UNLEAD 91-92MY ALL	√	√	√															
		UNLEAD 94-96MY FED	√	√	√															
		UNLEAD 94-96MY CAL	√	√	√															
		LEAD 93-96MY ALL	√	√	√															
	ENGINE L4-	UNLEAD 94-96MY ALL	√	√	√															
	SOHC TURBO	UNLEAD 92-94MY ALL	√	√	√															
		UNLEAD 92MY KOR	√	√	√															

# KOREAN CAR COVERAGE LIST

MAY 16,2006

	A / T		√	√	√															
MATRIX	ENGINE(GASOLINE)	LEAD 1.6L ALL	√	√	√		√													
		UNLEAD 1.6L GEN	√	√																
		UNLEAD 1.6L EOBD	√	√																
		LEAD 1.8L ALL	√	√	√	√	√													
		UNLEAD 1.8L GEN	√	√																
		UNLEAD 1.8L EOBD	√	√	√	√														
	ENGINE(DIESEL)		√	√	√															
	A / T		√	√	√															
	ABS		√	√	√															
	SRS-AIRBAG		√																√	
	TRACTION		√	√	√															
	IMMOBILIZER	1.6L(GASOLINE)		√				√	√	√	√									
		1.8L(GASOLINE)		√				√	√	√	√									
DIESEL			√				√	√	√	√										
ELANTRA 04-05	ENGINE(GASOLINE)	LEAD 1.6L ALL	√	√			√													
		UNLEAD 1.6L GEN	√	√																
		UNLEAD 1.6L EOBD	√	√																
		LEAD 1.8/2.0L ALL	√	√	√	√	√													
		UNLEAD 1.8/2.0L GEN	√	√	√	√														
		UNLEAD 1.8/2.0L EOBD	√	√	√	√														
		UNLEAD 2.0L OBD-II	√	√	√	√	√													
	ENGINE(DIESEL)		√	√	√															
	A / T	1.6L		√	√	√														
		1.8/2.0L		√	√	√														
	ABS		√	√	√															
	SRS-AIRBAG		√																	√
	TRACTION		√	√	√															
IMMOBILIZER	1.6L(GASOLINE)		√				√	√	√	√										
	1.8/2.0L(GASOLINE)		√				√	√	√	√										
	DIESEL		√				√	√	√	√										
ELANTRA 01-03	ENGINE(GASOLINE)	LEAD 1.6L ALL	√	√			√													
		UNLEAD 1.6L GEN	√	√																
		UNLEAD 1.6L EOBD	√	√																
		LEAD 1.8/2.0L ALL	√	√	√	√	√													
		UNLEAD 1.8/2.0L GEN	√	√	√	√														
		UNLEAD 1.8/2.0L EOBD	√	√	√	√														
		UNLEAD 2.0L OBD-II	√	√	√	√	√													
	ENGINE(DIESEL)		√	√	√															
	A / T	1.6L		√	√	√														
		1.8/2.0L		√	√	√														
	ABS		√	√	√															
	SRS-AIRBAG		√																	√
	TRACTION		√	√	√															
IMMOBILIZER	1.6L(GASOLINE)		√				√	√	√	√										
	1.8/2.0L(GASOLINE)		√				√	√	√	√										
	DIESEL		√				√	√	√	√										

# KOREAN CAR COVERAGE LIST

MAY 16,2006

ELANTRA 96~00	ENGINE L4-SOHC	UNLEAD 1.5L GEN	√	√	√																
		UNLEAD 1.5L IMM	√	√	√																
		LEAD 1.5L ALL	√	√	√																
	ENGINE L4-DOHC	UNLEAD 1.5L 96MY KOR	√	√	√																
		UNLEAD 1.5 97-98MY KOR	√	√	√																
		UNLEAD 1.6/2.0L GEN	√	√	√																
		UNLEAD 1.6/2.0L IMM	√	√	√																
		LEAD 1.6/2.0L ALL	√	√	√																
		UNLEAD 96MY OBD-II	√	√																	
		UNLEAD 97MY OBD-II	√	√																	
		UNLEAD 98MY OBD-II	√	√																	
		UNLEAD 99-00MY OBD-II	√	√																	
	A / T	~99MY(A4BF1)	√	√	√																
		2000MY(A4BF2)	√	√	√																
	ABS		√	√	√																
	SRS-AIRBAG		√																	√	
	IMMOBILIZER	GASOLINE	√	√					√		√									√	√
DIESEL		√	√					√		√									√	√	√
ELANTRA 92~95	ENGINE L4-SOHC		√	√																	
	ENGINE L4-DOHC		√	√	√																
	A / T		√	√	√																
	ABS		√	√	√																
	SRS-AIRBAG		√																	√	
HD COUPE 02~04	ENGINE	LEAD 1.6L ALL	√	√				√													
		UNLEAD 1.6L GEN	√	√																	
		UNLEAD 1.6L EOBD	√	√																	
		LEAD 2.0L ALL	√	√	√	√	√														
		UNLEAD 2.0L(-CVVT) GEN	√	√	√	√															
		UNLEAD 2.0L(+CVVT) GEN	√	√	√	√															
		UNLEAD 2.0L(-CVVT) EOBD	√	√	√	√															
		UNLEAD 2.0L(+CVVT) EOBD	√	√	√	√															
		UNLEAD 2.0L OBD-II	√	√	√	√	√														
		LEAD 2.7L ALL	√	√	√	√															
		UNLEAD 2.7L GEN	√	√	√	√															
		UNLEAD 2.7L EOBD	√	√	√	√															
	UNLEAD 2.7L OBD-II	√	√	√	√																
	A / T		√	√	√																
	ABS		√	√	√																
	SRS-AIRBAG		√																	√	
	TRACTION		√	√	√																
	IMMOBILIZER	UNLEAD 1.6/2.0L IMM			√				√	√	√	√									
		UNLEAD 2.7L IMM	√	√					√	√	√	√									
ENGINE	UNLEAD 1.6/2.0L IMM	√	√	√																	
	LEAD 1.6/2.0L ALL	√	√	√																	
	EOBD 2001MY	√	√																		
	UNLEAD 97MY OBD-II	√	√																		
	UNLEAD 98MY OBD-II	√	√																		

# KOREAN CAR COVERAGE LIST

MAY 16,2006

HD COUPE 97~01		UNLEAD 99-00MY OBD-II	√	√															
	A / T	97-99MY	√	√	√														
		2000MY~	√	√	√														
	ABS		√	√	√														
	SRS-AIRBAG	97-99MY	√											√					
		2000MY~	√											√					
IMMOBILIZER		√					√		√					√	√	√			
SONATA 99-04	ENGINE L4-DOHC	UNLEAD GEN	√	√	√														
		UNLEAD IMM	√	√	√														
		LEAD ALL	√	√	√														
		UNLEAD EOBD	√	√	√														
		UNLEAD OBD-II	√	√	√														
		LPG ALL	√	√	√														
	ENGINE V6-DOHC	UNLEAD GEN	√	√	√	√													
		UNLEAD IMM	√	√	√	√													
		LEAD ALL	√	√	√	√													
		UNLEAD EOBD	√	√	√	√													
		UNLEAD(~02MY) OBD-II	√	√	√	√													
		UNLEAD(03MY~) OBD-II	√	√	√	√													
	A / T		√	√	√														
	ABS	CTC TYPE(99-02MY)	√	√	√														
		BOSCH TYPE(03MY~)	√	√	√														
	SRS-AIRBAG	1999-2001MY	√												√				
		F/LIFT	√												√				
	TRACTION		√	√	√														
	IMMOBILIZER		√	√				√		√					√	√	√		
	SONATA 94~98	ENGINE L4-SOHC	UNLEAD 1.8L ALL	√	√	√													
			UNLEAD 2.0L ALL	√	√	√													
			LEAD 1.8L ALL	√	√	√													
LEAD 2.0L ALL			√	√	√														
UNLEAD 97MY OBD-II			√	√	√														
UNLEAD 98MY OBD-II			√	√	√														
ENGINE L4-DOHC		UNLEAD 1.8L ALL	√	√	√														
		UNLEAD 2.0L ALL	√	√	√														
		LEAD 2.0L ALL	√	√	√														
		UNLEAD 97MY OBD-II	√	√	√														
ENGINE V6-SOHC		UNLEAD 98MY OBD-II	√	√	√														
		UNLEAD 3.0L ALL	√	√	√														
		LEAD 3.0L ALL	√	√	√														
		UNLEAD 97MY OBD-II	√	√	√														
UNLEAD 98MY OBD-II		UNLEAD 98MY OBD-II	√	√	√														
		UNLEAD 98MY OBD-II	√	√	√														
A / T			√	√	√														
ABS			√	√	√														
SRS-AIRBAG			√												√				
IMMOBILIZER			√	√				√		√					√	√	√		
C.CONTROL SUSPENSION			√	√	√														
		ENGINE L4-SOHC		√	√	√													

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SONATA	ENGINE L4-DOHC		√	√	√																
	ENGINE V6-SOHC		√	√	√																
	A / T		√	√	√																
	ABS		√	√	√																
XG 99-05	ENGINE V6-DOHC	LEAD ALL	√	√	√	√	√														
		LEAD(+ETS) ALL	√	√	√																
		UNLEAD GEN	√	√	√	√															
		UNLEAD(+ETS) GEN	√	√	√																
		UNLEAD IMM	√	√	√	√															
		UNLEAD(+ETS) IMM	√	√	√																
		UNLEAD(+ETS) OBD-II	√	√	√																
	A / T	2.0/2.5L		√	√	√															
		3.0/3.5L		√	√	√															
	ABS		√	√	√																
	SRS-AIRBAG	~2002MY		√																√	
		F/LIFT		√																√	
	TRACTION		√	√	√																
	C.CONTROL SUSPENSION			√	√	√															
IMMOBILIZER		√	√	√			√		√									√	√	√	
MARCIA	ENGINE L4-DOHC		√	√	√	√															
	ENGINE V6-DOHC		√	√	√	√															
	A / T		√	√	√	√															
	ABS		√	√	√	√															
	SRS-AIRBAG		√																√		
	TRACTION		√	√																	
	ECS		√	√																	
	ENTENNIAL 00~0			√	√																
ENGINE	UNLEAD 3.0L ALL		√	√	√																
	UNLEAD 3.0L(+ETS) ALL		√	√	√																
	UNLEAD 3.5L(+ETS) GEN		√	√	√																
	UNLEAD 3.5L(+ETS) EOBD		√	√	√																
	LEAD 3.5L(+ETS) ALL		√	√	√																
	UNLEAD 4.5L GDI ALL		√	√	√																
	UNLEAD 4.5(+ETS) OBD-II		√	√	√																
	UNLEAD 4.5L MPI GEN		√	√	√																
	UNLEAD 4.5L MPI EOBD		√	√	√																
	UNLEAD 4.5L MPI OBD-II		√	√	√																
	LEAD 4.5L MPI ALL		√	√	√																
A / T	3.0/3.5L		√	√	√																
	4.5L		√	√	√																
VDC	MELCO TYPE		√	√	√																
	CTC TYPE(2002,09~)		√	√	√																
SRS-AIRBAG	~2001MY(SDM-GH)		√																		
	2002MY~(SRE-SMART)		√																√		
IMMOBILIZER		√	√				√		√									√	√	√	
ECS	ECS		√	√	√																
	ACTIVE ECS		√	√	√																
TRACTION	ITT TYPE		√	√	√																

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	TRACTION	CTC TYPE(2002.09~)	√	√	√														
GRANDEUR 94~98	ENGINE L4-SOHC		√	√	√														
	ENGINE L4-DOHC		√	√	√														
	ENGINE V6-SOHC		√	√	√														
	ENGINE V6-DOHC		√	√	√														
	A / T		√	√	√														
	ABS		√	√	√														
	SRS-AIRBAG		√														√		
	ECS		√	√	√														
	TRACTION		√	√															
	FULL AUTO AIR/CON		√	√	√														
GRANDEUR 89~93	ENGINE L4-SOHC		√	√	√														
	ENGINE V6-SOHC		√	√	√														
	AUTOMATIC TRANSXLE		√	√	√														
	ECS		√	√	√														
H-100 94-01	ENGINE L4-SOHC	UNLEAD 94-96MY ALL	√	√	√														
		UNLEAD 97-2000MY ALL	√	√	√														
		LEAD 94-96MY ALL	√	√	√														
		LEAD 97-2000MY ALL	√	√	√														
		LEAD 97-98MY ALL	√	√	√														
	DIESEL	√	√	√															
A / T		√																	
H-100 TRUCK 04-05	ENGINE		√	√	√														
	A / T		√	√	√														
	ABS		√	√	√														
H-100 TRUCK 97-03	ENGINE L4-SOHC	GASOLINE	√	√	√														
		DIESEL	√	√	√														
		FBM	√																
	A / T		√																
H-1 98-05	ENGINE-GASOLINE:02M	UNLEAD 2.4L GEN	√	√	√														
		UNLEAD 2.4L EOBD	√	√	√														
		LEAD 2.4L ALL	√	√	√														
	ENGINE-GASOLINE:~01MY		√	√	√														
	ENGINE-DIESEL	T/CHARGER(COVEC-F)	√	√	√														
		T/C INTERCOOLER(COVEC)	√	√	√														
		CRDI(A-ENG)	√	√	√														
	ENGINE-FBM		√																
	A / T		√	√	√														
	ABS	2WD	√	√	√														
		4WD	√	√	√														
	SRS-AIRBAG		√															√	
	IMMOBILIZER	GASOLINE(2002MY~)	√	√					√		√				√	√	√		
		GGASOLINE(~2001MY)	√	√					√		√				√	√	√		
		DIESEL(CRDI)		√					√	√	√	√							
DIESEL(DOVEC-F)		√	√					√		√				√	√	√			
DIESEL(DDS)		√	√					√		√				√	√	√			

# KOREAN CAR COVERAGE LIST

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	FUEL FIRED HEATER		√	√	√														
H-1 TRUCK	ENGINE-DIESEL		√	√	√														
	A / T		√	√	√														
	ABS		√	√	√														
	SRS-AIRBAG		√																√
SANTAFE	ENGINE 2.0/2.4L(GASOLIN	LEAD ALL	√	√	√														
		UNLEAD GEN	√	√	√														
		UNLEAD 2.0L EOBD	√	√	√														
		UNLEAD 2.4L EOBD	√	√	√														
		UNLEAD OBD-II	√	√	√														
	ENGINE 2.7L(GASOLIN	LEAD ALL	√	√	√	√	√												
		UNLEAD GEN	√	√	√	√	√												
		UNLEAD EOBD	√	√	√	√	√												
		UNLEAD(~02MY) OBD-II	√	√	√	√	√												
		UNLEAD(03MY~) OBD-II	√	√	√	√	√												
	ENGINE(DIESEL)	WITHOUT VGT	√	√	√														
		WHTH VGT	√	√	√														
	A / T		√	√	√														
	ABS	2WD	√	√	√														
		4WD	√	√	√														
	SRS-AIRBAG		√																√
TRACTION		√	√	√															
IMMOBILIZER				√					√	√	√	√							
TRAJET XG	ENGINE 2.0L(GASOLIN	LEAD ALL	√	√	√														
		UNLEAD GEN	√	√	√														
		UNLEAD EOBD	√	√	√														
	ENGINE 2.7L(GASOLIN	LEAD ALL	√	√	√	√	√												
		UNLEAD GEN	√	√	√	√	√												
		UNLEAD EOBD	√	√	√	√	√												
	ENGINE(DIESEL)	WITHOUT VGT	√	√	√														
		WITH VGT	√	√	√														
	A / T		√	√	√														
	ABS		√	√	√														
SRS-AIRBAG		√																√	
IMMOBILIZER				√				√	√	√	√								
TAXI JAN-94	ENGINE I4-SOHC FBM		√																
	A / T		√	√	√														
TERRACAN	ENGINE	2.5L DIESEL(TCI)	√	√	√														
		2.9L DIESEL(C/RAIL)	√	√	√														
		UNLEAD 3.5L GEN	√	√	√														
		UNLEAD 3.5L EOBD	√	√	√														
		UNLEAD 3.5L OBD-II	√	√	√														
		LEAD 3.5L ALL	√	√	√														
	A / T		√	√	√														
	ABS		√	√	√														
	SRS-AIRBAG		√																√
	2.5L DIESEL(TCI)	√	√						√		√							√	

# KOREAN CAR COVERAGE LIST

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	IMMOBILIZER	2.9L DIESEL(C/RAIL)		√				√	√		√							
		3.5L GASOLINE ALL	√	√				√		√			√	√	√			
GALLOPER-II	ENGINE V6-SOHC	UNLEAD 3.0L GEN	√	√	√													
		UNLEAD 3.0L IMM/ME	√	√	√													
		LEAD 3.0L GEN	√	√	√													
		LEAD 3.0L IMM	√															
		DIESEL(COVEC-F)	√	√	√													
	A / T		√															
	ABS	~2000MY	√	√	√													
		2001MY BOSCH	√	√	√													
	SRS-AIRBAG		√										√					
	IMMOBILIZER	UNLEAD 3.0L IMM/ME	√						√		√			√	√	√		
		LEAD 3.0L IMM	√						√		√			√	√	√		
		DIESEL(COVEC-F)	√						√		√			√	√	√		
DIESEL(DDS)		√						√		√			√	√	√			
SANTAMO	ENGINE L4-SOHC	UNLEAD 2.0L ALL	√	√	√													
		LEAD 2.0L ALL	√	√	√													
	ENGINE L4-DOHC	UNLEAD 2.0L ALL	√	√	√													
		LEAD 2.0L ALL	√	√	√													
	A / T		√	√	√													
	ABS		√	√	√													
	SRS-AIRBAG		√										√					
	IMMOBILIZER		√	√				√		√			√	√	√			
TUCSON	ENGINE(GASOLINE)	UNLEAD2.0L GEN	√	√	√													
		UNLEAD 2.0L EOBD	√	√	√													
		UNLEAD 2.0L OBD-II	√	√	√													
		LEAD 2.0L ALL	√	√	√													
		UNLEAD 2.7L GEN	√	√	√													
		UNLEAD 2.7L EOBD	√	√	√													
		UNLEAD 2.7L OBD-II	√	√	√													
		LEAD 2.7L ALL	√	√	√													
	ENGINE(DIESEL)		√	√	√													
	A/T	2.0DISEL/2.7L(MELCO TCM)	√	√	√													
		2.0L(SIEMENS PCM)	√	√	√													
	SRS-AIRBAG	GENERAL	√	√	√													
		NAS	√	√	√													
	4WD		√	√														
	IMMOBILIZER	2.0L GASOLINE	√															
2.7L GASOLINE		√																
DIESEL		√																
SONATA 05	ENGINE	UNLEAD 2.4L GEN	√	√	√													
		UNLEAD 2.4L EOBD	√	√	√													
		LEAD 2.4L ALL	√	√	√													
	A / T		√	√	√													
	ABS		√	√	√													
	SRS-AIRBAG		√	√	√													
	ECS		√	√	√													

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EPS		√	√	√															
A/C		√	√	√															

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## HYUNDAI DOMESTIC VER 6.06

MODEL	SYSTEM	SUB SYSTEM	DTC	Live Data	Actuation Test	Reset Adaptation	Adjust Adaptation
Excel	ENGINE	Excel 1.5 SOHC	√	√	√		
		Excel 1.5 SIEMENS	√	√			
	TRANSMISSION		√	√	√		
Scoop	ENGINE	Scoop LS	√	√	√		
		Scoop 91-92	√	√	√		
		Scoop 92-94	√	√	√		
		Scoop 94-96	√	√	√		
		Scoop Turbo 92-94	√	√	√		
		Scoop Turbo 94-96	√	√	√		
	TRANSMISSION		√	√	√		
Elantra	ENGINE SOHC	Elantra 1.5 SOHC	√	√	√		
		Elantra 1.5 SIEMENS	√	√			
	ENGINE DOHC	Elantra 1.5 DOHC	√	√	√		
		Elantra 1.6 DOHC	√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
SRS		√					
Sonata	ENGINE SOHC		√	√	√		
	ENGINE DOHC		√	√	√		
	ENGINE V6 SOHC		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
Sonata II	ENGINE SOHC		√	√	√		
	ENGINE DOHC		√	√	√		
	ENGINE V6 SOHC		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√				
	ECS		√				
Sonata III	ENGINE SOHC		√	√	√		
	ENGINE DOHC		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√				
	ECS		√				
	TCL		√	√	√		

# KOREAN CAR COVERAGE LIST

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Grandeur	ENGINE SOHC		√	√	√			
	ENGINE V6 SOHC		√	√	√			
	TRANSMISSION		√	√	√			
	ECS		√					
New Grandeur	ENGINE SOHC		√	√	√			
	ENGINE DOHC		√	√	√			
	ENGINE V6 SOHC		√	√	√			
	ENGINE V6 DOHC		√	√	√			
	TRANSMISSION		√	√	√			
	ABS		√	√				
	SRS	~98 MY		√				
		98~MY		√	√			
	ECS		√	√				
	TCL		√	√	√			
A/C		√	√	√				
Galopper	ENGINE	Galopper SOHC	√	√	√			
		Galopper V6 SOHC	√	√	√			
Accent	ENGINE SOHC	1.3 SOHC ~97	√	√	√			
		1.3 SOHC 98	√	√	√			
		1.5 SOHC 95	√	√	√			
		1.5 SOHC 96~98	√	√	√			
		1.5 SOHC 95~97	√	√	√			
		1.5 SOHC 98	√	√	√			
	ENGINE DOHC	1.5 DOHC 95~97 MAF	√	√	√			
		1.5 DOHC 97~98 MAP	√	√	√			
		1.5 DOHC Leanburn	√	√	√			
	TRANSMISSION		√	√	√			
ABS		√	√	√				
SRS		√						
Avante	ENGINE SOHC	1.5 SOHC	√	√	√			
	ENGINE DOHC	1.5 DOHC 96	√	√	√			
		1.5 DOHC 97~98	√	√	√			
		1.6~2.0 DOHC	√	√	√			
		Leanburn	√	√	√			
	TRANSMISSION	~99 MY	√	√	√			
		2000 MY	√	√	√			
	ABS		√	√	√			
SRS		√						

# KOREAN CAR COVERAGE LIST

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Marcia	ENGINE DOHC		√	√	√		
	ENGINE V6 DOHC		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√				
	ECS		√	√	√		
	TCL		√	√	√		
Santamo	ENGINE SOHC		√	√	√		
	ENGINE DOHC		√	√	√		
	ENGINE LPG	LPG 97~99	√	√	√		
		LPG 2000	√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS	~2001MY	√				
	2002~MY	√					
Dynasty	ENGINE		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS	~98MY	√				
		98~MY	√				
	ECS		√	√			
	TCL		√	√			
A/C		√	√	√			
New Dynasty	ENGINE DOHC		√	√	√		
	ENGINE V6 DOHC		√	√	√		
	ENGINE LPG		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS	~98MY	√	√			
		98~MY	√				
	ECS		√	√			
	TCL		√	√			
A/C		√	√	√			
Tiburon	ENGINE		√	√	√		
	~99MY		√	√	√		
	2000MY		√	√	√		
	ABS		√	√	√		
	SRS		√				
	99 F/LIFT		√				

# KOREAN CAR COVERAGE LIST

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Atos	ENGINE SOHC		√	√	√			
	ENGINE LPG		√	√	√			
	TRANSMISSION		√	√	√			
	ABS		√	√	√			
	SRS		√					
	SAT		√	√				
EF Sonata	ENGINE DOHC		√	√	√			
	ENGINE V6 DOHC		√	√	√	√	√	
	ENGINE LPG	LPG		√	√	√		
		LPGBETA		√	√	√		
	TRANSMISSION	EF Sonata 1.8/2.0		√	√	√		
		EF Sonata V6 2.5		√	√	√		
		EF Sonata CVT		√	√	√		
	ABS		√	√	√			
	ECS		√	√	√			
TCL		√	√	√				
New EF Sonata	ENGINE DOHC		√	√	√	√	√	
	ENGINE V6 DOHC		√	√	√	√	√	
	ENGINE LPG	LPG		√	√	√		
		LPG BETA		√	√	√		
		LPG BETA(2003MY~)		√	√	√		
	TRANSMISSION	EF Sonata 1.8/2.0		√	√	√		
		EF Sonata V6 2.5		√	√	√		
		EF Sonata CVT		√	√	√		
	ABS		√	√	√			
	SRS		√	√				
	ECS		√	√	√			
	TCL		√	√	√			
AHLS		√	√					
Taxi	ENGINE	Sonata		√	√	√		
		New Grandeur		√	√			
		Dynasty		√	√			
		New Dynasty		√	√	√		
		EF Sonata		√	√	√		
		EF Sonata BETA		√	√	√		
	TRANSMISSION		√	√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Grandeur XG	ENGINE	2.0/2.5 99MY	√	√	√	√	√
		3.0+ETS 99MY	√	√	√		
		2.7 LPG	√	√	√		
	TRANSMISSION	2.0/2.5	√	√	√		
		3	√	√	√		
	ABS		√	√	√		
	SRS		√				
	ECS		√	√	√		
TCL		√	√	√			
Equus	ENGINE	3.0	√	√	√		
		3.0+ETS	√	√	√		
		3.5+ETS	√	√	√		
		4.5 GDI	√	√	√		
		4.5 MPI	√	√	√		
		3.8 LAMBDA	√	√	√		
	TRANSMISSION	3.0 / 3.5	√	√	√		
		4.5 GDI	√	√	√		
		3.8 LAMBDA	√	√	√		
	ABS	ITT	√	√	√		
		CTC(2002.09~)	√	√	√		
	SRS	~2001MY	√				
		2002~MY	√	√			
	ECS	ITT	√	√	√		
		CTC(2002.09~)	√	√	√		
	TCL	ITT	√	√	√		
		CTC(2002.09~)	√	√	√		
	Auto A/C		√	√	√		
	VDC	MELCO	√	√	√		
		CTC(2002.09~)	√	√	√		
Power Steering		√	√				
Verna	ENGINE	Verna	√	√			
		Leanburn	√	√			
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Traget XG	ENGINE Gasoline	2.0L	√	√	√		
		2.7L	√	√	√	√	√
	ENGINE DIZEL	WGT	√	√	√		
		VGT	√	√	√		
	ENGINE LPG		√	√	√		
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√	√			
Heater		√	√	√			
New Porter	ENGINE	SOHC	√	√	√		
		Diesel	√	√	√		
		FBM	√	√	√		
	TRANSMISSION		√				
ABS		√					
Avante XD	ENGINE	Leanburn	√	√			
		1.5 all	√	√			
		2	√	√	√	√	√
	TRANSMISSION	Leanburn	√	√	√	√	√
		1.5 all	√	√	√		
		2	√	√	√		
	ABS		√	√	√		
	SRS		√	√			
TCL		√	√	√			
Santa Fe	ENGINE Gasoline	2.0L	√	√	√		
		2.7L	√	√	√	√	√
	ENGINE DIZEL	WGT	√	√	√		
		VGT	√	√	√		
	ENGINE LPG		√	√	√		
	TRANSMISSION		√	√	√		
	ABS	ABS 2W	√	√	√		
		ABS 4W	√	√			
	SRS		√	√	√		
	TCL		√	√	√		
Heater		√	√	√			
Libero	ENGINE	2.5 C/Rail Diesel	√	√	√		
		2.5 Diesel ELEC.(TCI)	√	√	√		
		LPG 2003MY(3rd GEN)	√	√	√		
		3.0 LPG	√	√	√		
	TRANSMISSION		√				
	ABS		√	√	√		
SRS		√	√				

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Grace	ENGINE SOHC	Gasoline	√	√	√		
		Diesel	√	√	√		
	ENGINE LPG	SOHC FBM 94-96	√				
		SOHC FBM 96-97	√				
SOHC FBM 2000		√	√	√			
Galloper II	ENGINE V6 SOHC	V6-SOHC	√	√	√		
	ENGINE DIZEL		√	√	√		
	ENGINE LPG	FBM ~99 MY	√	√	√		
		FBM 2000 MY	√	√	√		
	ABS	ABS ~2001	√	√	√		
		ABS 2001 MY	√	√	√		
SRS		√	√				
Starex	ENGINE Gasoline		√				
	ENGINE Diesel	2.5 C/Rail Diesel(~2003MY)	√	√	√		
		2.5 C/Rail Diesel(2004MY~)	√	√	√		
		2.5 Diesel ELEC.(TCI)	√	√	√		
	ENGINE LPG		√	√	√		
	TRANSMISSION	Gasoline		√			
		2.5 C/Rail Diesel(~2003MY)		√	√	√	
		2.5 C/Rail Diesel(2004MY~)		√	√	√	
		2.5 Diesel ELEC.(TCI)		√			
		LPG		√			
	ABS	ABS 2W		√	√	√	
ABS 4W			√	√	√		
SRS		√	√				
Heater		√	√	√			
Terracan	ENGINE	2.5 Diesel(TCI)	√	√	√		
		2.9 Diesel (Common Rail)	√	√	√		
		3.5 Gasoline	√	√	√		
	TRANSMISSION	3.5		√	√	√	
		2.5		√	√	√	
		2.9(~2003MY)		√	√	√	
		2.9(2004MY~)		√	√	√	
	ABS		√	√	√		
SRS		√	√				
4W	TOD	√					
Lavita	ENGINE	1.5	√	√			
		1.8	√	√	√	√	√
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√	√			
	TCL		√	√	√		

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Tuscani	ENGINE	2.0L	√	√	√	√	√
		2.0L CVVT	√	√	√		
		2.7L	√	√	√	√	√
	TRANSMISSION		√	√	√		
	ABS		√	√	√		
	SRS		√	√			
	TCL		√	√	√		
Click	AHLS		√	√			
	ENGINE		√	√			
	TRANSMISSION		√	√	√		
	ABS		√	√			
	SRS		√	√	√		
New Verna	EPS		√	√	√		
	ENGINE	UNLEADED (CVVT)	√	√	√		
		UNLEADED(NO CVVT)	√	√			
		LEAN BURN	√	√			
	TRANSMISSION		√	√	√		
ABS		√	√	√			
New Avante XD	SRS		√	√			
	ENGINE	1.5 / 1.6	√	√	√		
		2.0	√	√	√		
	TRANSMISSION	1.5 / 1.6	√	√	√		
		2.0	√	√	√		
	ABS		√	√	√		
SRS		√	√				
Sonata NF	TCL		√	√	√		
	ENGINE	2.0 / 2.4	√	√	√		
		2.0 / 2.4+ETC	√	√	√		
		3.3 LAMBDA	√	√	√		
	ENGINE LPG	2.0 LPI(EMS ECU)	√	√	√		
		2.0 LPI(IFB ECU)	√	√	√		
	TRANSMISSION	2.0 / 2.4	√	√	√		
		3.3 LAMBDA	√	√	√		
	ABS		√	√	√		
	SRS		√	√			
	ELEC. SUSPENSION		√	√	√		
	Power Steering		√	√			
	Auto A/C		√	√	√		
BODY	Rain Sensor			√	√		
	No Rain Sensor			√	√		

# KOREAN CAR COVERAGE LIST

MAY 16,2006

New Grandeur XG	ENGINE Gasoline	2.0 / 2.5 Gasoline	√	√	√			
		3.0+ETS	√	√	√			
	ENGINE LPG	2.7	√	√	√			
		2.7 LPI(EMS ECU)	√	√	√			
		2.7 LPI(IFB ECU)	√	√	√			
	TRANSMISSION	2.0 / 2.5 / 2.7	√	√	√			
		3.0	√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	TCL		√	√	√			
ELEC. SUSPENSION		√	√	√				
AHLS		√	√					
Porter 2	ENGINE	2.5 C/Rail Diesel	√	√	√			
		2.5 Diesel ELEC.(TCI)	√	√	√			
	TRANSMISSION		√					
ABS		√	√	√				
Tucson	ENGINE		√	√	√			
	TRANSMISSION		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	Auto A/C		√	√	√			
	4W		√					
	BODY	Rain Sensor			√	√		
		No Rain Sensor			√	√		
Grandeur TG	ENGINE Gasoline		√	√	√			
	ENGINE LPI	2.7 LPI (EMS ECU)	√	√	√			
		2.7 LPI (IFB ECU)	√	√	√			
	TRANSMISSION		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	Power Steering		√	√				
	Auto A/C		√	√	√			
	BODY	BCM		√	√	√		
		DDM		√	√	√		
		ADM		√	√	√		
IMS			√	√	√			
TILT			√	√	√			
AHLS		√	√					
New Click	ENGINE		√	√	√			
	TRANSMISSION		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	Power Steering		√	√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

## KIA USA VER 2.06

Model	Model Year	System	DTC	Live Data	Actuation Test	Freeze Frame
RIO	2001	1.5L DOHC(Siemens)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2002	1.5L DOHC(Siemens)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2003	1.6L DOHC(Siemens)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2003	1.6L DOHC(Siemens)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
2004	1.6L DOHC(Siemens)	√	√		√	
	TCU	√	√			
	ABS	√	√	√		
	SRS	√				
SPORTAGE	1996	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√		
		SRS	√			
	1997	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√		
		SRS	√			
	1998	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√		
		SRS	√			
	1999	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√		
		SRS	√			
	2000	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√		
		SRS	√			
2001	2.0L DOHC(Bosch)	√	√		√	
	TCU	√	√			
	ABS	√	√			
	SRS	√				

# KOREAN CAR COVERAGE LIST

MAY 16,2006

	2002	2.0L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
SEPHIA	1996	ENG	√	√		√
		TCU	√	√		
		SRS	√			
	1997	ENG	√	√		√
		TCU	√	√		
		SRS	√			
	1998	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	1999	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2000	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2001	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
ABS		√	√	√		
SRS		√				
SPECTRA	2000	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2001	1.8 DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2002	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2003	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
	2004	1.8L DOHC(Bosch)	√	√		√
		TCU	√	√		
		ABS	√	√	√	
		SRS	√			
		1.8L DOHC(Bosch)	√	√		√

# KOREAN CAR COVERAGE LIST

MAY 16,2006

	2005	TCU	√	√			
		ABS	√	√	√		
		SRS	√				
OPTIMA	2001	ENG	√	√		√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√	√	√	
	2002	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2003	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2004	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2005	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
SEDONA	2002	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2003	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2004	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	2005	ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√	√		
		SRS	√	√			
	SORENTO	2003	ENG	√	√	√	√
			TCU	√	√	√	
			ABS	√	√		
			SRS	√	√		
E.P.S			√	√			
2004		ENG	√	√	√	√	
		TCU	√	√	√		
		ABS	√	√			

**KOREAN CAR  
COVERAGE LIST**

**MAY 16,2006**

		SRS	√	√		
		E.P.S	√	√		
	2005	ENG	√	√	√	√
		TCU	√	√	√	
		ABS	√	√		
		SRS	√	√		
		E.P.S	√	√		

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# KOREAN CAR COVERAGE LIST

MAY 16,2006

## KIA NON USA VER 2.07

MODEL	MY	SYSTEM	Sub System	DTC	Live Data	Actuation	Freeze Frame	IMMOBILIZER								
								Password coding	Code change	Neutral Mode	Teaching	Limp home mode	IMM. Reset	Key Matching		
PRIDE	2004	ENGINE	1.3L SOHC GASOLINE MAP	√	√											
		A/T			√	√										
	2003	ENGINE	1.3L SOHC GASOLINE MAP	√	√											
		A/T			√	√										
	2002	ENGINE	1.3L SOHC GASOLINE MAP	√	√											
		A/T			√	√										
	1999	ENGINE	1.3L SOHC GASOLINE MAP	√	√											
		IMM.			√											
	1998	ENGINE	1.3L SOHC GASOLINE MAP	√	√											
		IMM.			√											
~1998	ENGINE	1.3L SOHC GASOLINE FBC		√												
		1.3L SOHC GASOLINE AFM1		√												
		1.3L SOHC GASOLINE MAP		√	√											
VISTO	ALL	ENGINE	UNLEAD ALL	√	√	√										
		L4-SOHC	UNLEAD IMM	√	√	√										
		LEAD ALL			√	√	√									
		A/T			√	√	√									
		ABS			√	√	√									
		SRS-AIRBAG			√	√										
		IMM.			√	√			√	√	√			√	√	
PICANTO (MORNING)	2004	ENGINE	1.0L/1.1L SOHC EOBD	√	√	√										
		L4-SOHC	1.0L/1.1L SOHC GEN	√	√	√										
		1.0L/1.1L SOHC LEAD			√	√	√									
		A/T			√	√	√									
		ABS			√	√	√									
		SRS-AIRBAG			√	√										
		IMM.			√	√			√	√	√			√	√	
AVELLA	ALL	ENGINE	1.3L/1.5L GASOLINE MAP	√	√											
		ABS			√	√										
2004~ 2005	ENGINE	1.3L/1.5L GASOLINE (MAP)		√	√		√									
		1.3L/1.5L (MAF)			√	√		√								
		1.3L/1.5L (RHD) MAP			√	√		√								
		1.3L/1.5L (RHD) MAF			√	√		√								
		1.3L/1.5L GASOL. (W/IMMO)			√	√		√								
		1.3L/1.5L GASOLINE LEAD			√	√		√								
	A/T	TCU LHD			√	√										
		TCU RHD			√	√										
	ABS			√	√	√										
	SRS-AIRBAG	A/BAG LHD			√											
		A/BAG RHD			√											
IMM.							√	√	√					√		



# KOREAN CAR COVERAGE LIST

MAY 16,2006

SEPHIA

2003	ENGINE	1.6L DOHC (NON IMMO)	√	√		√														
		1.6L DOHC (W/IMMO)	√	√		√														
		1.6L DOHC (LEAD)	√	√		√														
		1.8L DOHC GASOLINE (TED)	√	√		√														
	A/T		√	√																
	ABS		√	√	√															
	SRS-AIRBAG		√																	
	IMM.	1.6L DOHC (SMARTRA)		√			√	√	√	√	√									
		1.8L DOHC GASOLINE (TED)																		
	2002	ENGINE	1.6L DOHC (NON IMMO)	√	√		√													
1.6L DOHC (W/IMMO)			√	√		√														
1.6L DOHC (LEAD)			√	√		√														
1.8L DOHC GASOLINE (TED)			√	√		√														
A/T		√	√																	
ABS		√	√	√																
SRS-AIRBAG		√																		
IMM.		1.6L DOHC (SMARTRA)		√			√	√	√	√	√									
		1.8L DOHC GASOLINE (TED)						√	√	√										√
2001		ENGINE	1.6L DOHC (NON IMMO)	√	√		√													
	1.6L DOHC (W/IMMO)		√	√		√														
	1.6L DOHC (LEAD)		√	√		√														
	1.8L DOHC GASOLINE (TED)		√	√		√														
	A/T		√	√																
	ABS		√	√	√															
	SRS-AIRBAG		√																	
	IMM.	1.6L DOHC (SMARTRA)		√			√	√	√	√	√									
		1.8L DOHC GASOLINE (TED)						√	√	√										√
	2000	ENGINE	1.5L GASOLINE (BFD/BFE)	√	√															
1.8L DOHC GASOLINE (TED)			√	√		√														
A/T		√	√																	
ABS		√	√	√																
SRS-AIRBAG		√																		
IMM.		1.5L GASOLINE (BFD/BFE)						√	√	√										√
		1.8L DOHC GASOLINE (TED)						√	√	√										√
1999	ENGINE	1.5L GASOLINE (BFD/BFE)	√	√																
		1.8L DOHC GASOLINE (TED)	√	√		√														
	A/T		√	√																
	ABS		√	√	√															
	SRS-AIRBAG		√																	
	IMM.	1.5L GASOLINE (BFD/BFE)						√	√	√										√
1.8L DOHC GASOLINE (TED)							√	√	√										√	
1998	ENGINE	1.5L GASOLINE (BFD/BFE)	√	√																
		1.8L DOHC GASOLINE (TED)	√	√		√														
	A/T		√	√																
	ABS		√	√	√															
	SRS-AIRBAG		√																	
	IMM.	1.5L GASOLINE (BFD/BFE)						√	√	√										√

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		LIVELV.												
~ 1998	ENGINE	1.8L DOHC GASOLINE (TED)					√	√	√					√
		1.5L/1.6L ENG(MTM) AFM1	√	√										
		1.5L/1.6L ENG(ATM) AFM1	√											
		1.5L GASOLINE MAP	√	√										
		1.8L DOHC GASOLINE HFM	√	√	√									
	A/T		√	√										
	SRS-AIRBAG		√											
	IMM.	1.5L SOHC GASOLINE MAP					√	√	√					√
		1.8L DOHC GASOLINE HFM					√	√	√					
	2004	ENGINE	1.6L DOHC (NON IMMO)	√	√		√							
			1.6L DOHC (W/IMMO)	√	√		√							
			1.6L DOHC (LEAD)	√	√		√							
			1.8L DOHC GASOLINE (TED)	√	√		√							
		A/T		√	√									
ABS		√	√	√										
SRS-AIRBAG		√												
IMM.		1.6L DOHC (SMARTRA)		√			√	√	√	√	√			
		1.8L DOHC GASOLINE (TED)					√	√	√				√	
2003		ENGINE	1.6L DOHC (NON IMMO)	√	√		√							
			1.6L DOHC (W/IMMO)	√	√		√							
			1.6L DOHC (LEAD)	√	√		√							
			1.8L DOHC GASOLINE (TED)	√	√		√							
		A/T		√	√									
	ABS		√	√	√									
	SRS-AIRBAG		√											
	IMM.	1.6L DOHC (SMARTRA)		√			√	√	√	√	√			
		1.8L DOHC GASOLINE (TED)					√	√	√				√	
	2002	ENGINE	1.6L DOHC (NON IMMO)	√	√		√							
			1.6L DOHC (W/IMMO)	√	√		√							
			1.6L DOHC (LEAD)	√	√		√							
			1.8L DOHC GASOLINE (TED)	√	√		√							
		A/T		√	√									
ABS		√	√	√										
SRS-AIRBAG		√												
IMM.		1.6L DOHC (SMARTRA)		√			√	√	√	√	√			
		1.8L DOHC GASOLINE (TED)					√	√	√			√	√	
2001		ENGINE	1.6L DOHC (NON IMMO)	√	√		√							
			1.6L DOHC (W/IMMO)	√	√		√							
			1.6L DOHC (LEAD)	√	√		√							
			1.8L DOHC GASOLINE (TED)	√	√		√							
		A/T		√	√									
	ABS		√	√	√									
	SRS-AIRBAG		√											
	IMM.	1.6L DOHC (SMARTRA)		√			√	√	√	√	√			
		1.8L DOHC GASOLINE (TED)	√	√										
	ENGINE	1.5L GASOLINE (BFD/BFE)	√	√										
		1.8L DOHC GASOLINE (TED)	√	√		√								

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2000	A/T		√	√																	
	ABS		√	√	√																
	SRS-AIRBAG		√																		
	IMM.	1.5L GASOLINE (BFD/BFE)					√	√	√											√	
		1.8L DOHC GASOLINE (TED)					√	√	√											√	
	ENGINE	1.5L GASOLINE (BFD/BFE)	√	√																	
		1.8L DOHC GASOLINE (TED)	√	√		√															
	1999	A/T		√	√																
		ABS		√	√	√															
		SRS-AIRBAG		√																	
IMM.		1.5L GASOLINE (BFD/BFE)					√	√	√											√	
		1.6L DOHC (SMARTRA)		√			√	√	√	√	√										
		1.8L DOHC GASOLINE (TED)					√	√	√											√	
2005		ENGINE	2.0L DIESEL ALL	√	√	√															
			1.6L DOHC EOBD	√	√		√														
			1.6L DOHC GEN	√	√		√														
			1.6L DOHC LEAD	√	√		√														
	2.0L DOHC(+CVVT) EOBD		√	√		√															
	2.0L DOHC(-CVVT) EOBD		√	√		√															
	2.0L DOHC(+CVVT) GEN		√	√		√															
	2.0L DOHC(-CVVT) GEN		√	√		√															
	2.0L DOHC(+CVVT) LEAD		√	√		√															
	2.0L DOHC(-CVVT) LEAD		√	√		√															
A/T	1.6L DOHC ALL	√	√	√																	
	2.0L DOHC ALL	√	√																		
ABS		√	√	√																	
SRS-AIRBAG		√	√																		
IMM.	DIESEL		√			√	√	√	√	√											
	GASOLIN		√			√	√	√	√	√											
2004	ENGINE	2.0L DIESEL ALL	√	√	√																
		1.6L DOHC EOBD	√	√		√															
		1.6L DOHC GEN	√	√		√															
		1.6L DOHC LEAD	√	√		√															
		2.0L DOHC(+CVVT) EOBD	√	√		√															
		2.0L DOHC(-CVVT) EOBD	√	√		√															
		2.0L DOHC(+CVVT) GEN	√	√		√															
		2.0L DOHC(-CVVT) GEN	√	√		√															
		2.0L DOHC(+CVVT) LEAD	√	√		√															
		2.0L DOHC(-CVVT) LEAD	√	√		√															
A/T	1.6L DOHC ALL	√	√	√																	
	2.0L DOHC ALL	√	√																		
ABS		√	√	√																	
SRS-AIRBAG		√	√																		
IMM.	DIESEL		√			√	√	√	√	√											
	GASOLIN		√			√	√	√	√	√											
	2.0L DIESEL	√	√	√																	
	1.6L DOHC EOBD(W/IMMO)	√	√		√																

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CARENS	2005	ENGINE	1.6L DOHC EOBD(W/NON IMMO)	√	√		√															
			1.8L DOHC (NON IMMO)	√	√		√															
			1.8L DOHC (W/IMMO)	√	√		√															
			1.8L DOHC (EURO-IV)	√	√		√															
			1.8L DOHC (LEAD)	√	√		√															
	A/T	DIESEL	√	√	√																	
		GASOLIN	√	√																		
	ABS			√	√	√																
	SRS-AIRBAG			√	√																	
	IMM.	DIESEL		√			√	√	√	√	√											
		GASOLIN		√			√	√	√	√	√											
	2004	ENGINE	2.0L DIESEL	√	√	√																
			1.6L DOHC EOBD(W/IMMO)	√	√		√															
			1.6L DOHC EOBD(W/NON IMMO)																			
			1.8L DOHC (NON IMMO)																			
			1.8L DOHC (W/IMMO)	√	√		√															
			1.8L DOHC (EURO-IV)	√	√		√															
			1.8L DOHC (LEAD)	√	√		√															
		A/T	DIESEL	√	√	√																
			GASOLIN	√	√																	
ABS			√	√	√																	
SRS-AIRBAG			√	√																		
IMM.	DIESEL		√			√	√	√	√	√												
	GASOLIN		√			√	√	√	√	√												
2003	ENGINE	2.0L DIESEL	√	√	√																	
		1.8L DOHC (NON IMMO)	√	√		√																
		1.8L DOHC (W/IMMO)	√	√		√																
		1.8L DOHC (EURO-IV)	√	√		√																
		1.8L DOHC (LEAD)	√	√		√																
	A/T	DIESEL	√	√	√																	
		GASOLIN	√	√																		
	ABS			√	√	√																
	SRS-AIRBAG			√	√																	
	IMM.	DIESEL		√			√	√	√	√	√											
GASOLIN			√			√	√	√	√	√												
2002	ENGINE	1.8L DOHC (M/T)	√	√		√																
		1.8L DOHC	√	√		√																
	A/T			√	√																	
	ABS			√	√	√																
	SRS-AIRBAG			√																		
	IMM.	1.8L DOHC GASOLINE (TED)						√	√	√										√		
2001	ENGINE	1.8L DOHC (M/T)	√	√		√																
		1.8L DOHC	√	√		√																
	A/T			√	√																	
	ABS			√	√	√																
	SRS-AIRBAG			√																		
	IMM.	1.8L DOHC GASOLINE (TED)						√	√	√										√		

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	2000	ENGINE	1.8L DOHC GASOLINE (TED)	√	√		√														
			A/T		√	√															
			ABS		√	√	√														
			SRS-AIRBAG		√																
		IMM.	1.8L DOHC GASOLINE (TED)						√	√	√									√	
	1999	ENGINE	1.8L DOHC GASOLINE (TED)	√	√		√														
			A/T	√	√																
			ABS	√	√	√															
			SRS-AIRBAG	√																	
		IMM.	1.8L DOHC GASOLINE (TED)						√	√	√									√	
SPORTAGE	2003	ENGINE	2.0L DOHC(HFM) BOSCH	√	√		√														
			2.0L DOHC(HFM) LEAD	√	√																
			2.0L DIESEL RF-TCI	√	√																
		A/T	TCU (GASOLINE)	√	√																
			TCU (DIESEL)	√	√																
		ABS	ABS (GASOLINE)	√	√	√															
			ABS (DIESEL)	√	√	√															
		SRS-AIRBAG	A/BAG (GASOLINE)	√																	
			A/BAG (DIESEL)	√																	
	IMM.	2.0L DOHC GASOLINE HFM							√	√	√									√	
2.0L DIESEL RF-TCI								√	√	√									√		
2002	ENGINE	2.0L DOHC(HFM) BOSCH	√	√		√															
		2.0L DOHC(HFM) LEAD	√	√	√																
		2.0L DIESEL RF-TCI	√	√																	
	A/T	TCU (GASOLINE)	√	√																	
		TCU (DIESEL)	√	√																	
	ABS	ABS (GASOLINE)	√	√	√																
		ABS (DIESEL)	√	√	√																
	SRS-AIRBAG	A/BAG (GASOLINE)	√																		
		A/BAG (DIESEL)	√																		
IMM.	2.0L DOHC GASOLINE HFM							√	√	√									√		
	2.0L DIESEL RF-TCI							√	√	√									√		
2001	ENGINE	2.0L DOHC(HFM) BOSCH	√	√		√															
		2.0L DOHC(HFM) LEAD	√	√	√																
		2.0L DIESEL RF-TCI	√	√																	
		A/T	√	√																	
	ABS	GASOLIN	√	√																	
		DIESEL	√	√																	
		SRS-AIRBAG	√																		
	IMM.	2.0L DOHC GASOLINE HFM							√	√	√									√	
		2.0L DIESEL RF-TCI							√	√	√									√	
SPORTAGE	ENGINE	2.0L DOHC(HFM) UNLEAD	√	√		√															
		UNLEAD (AUS)	√	√																	
		2.0L DOHC(HFM) LEAD	√	√	√																
		2.0L DIESEL RF-TCI	√	√																	
	A/T	GASOLIN/DIESEL	√	√																	
		UNLEAD (AUS)	√	√																	

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2000	ABS	GASOLIN	√	√																	
		DIESEL	√	√																	
		UNLEAD (AUS)	√	√																	
	SRS-AIRBAG	GASOLIN/DIESEL	√																		
		UNLEAD (AUS)	√																		
	IMM.	2.0L DOHC GASOLINE HFM						√	√	√										√	
		2.0L DIESEL RF-TCI						√	√	√										√	
	1999	ENGINE	2.0L DOHC(HFM) UNLEAD	√	√		√														
			2.0L DOHC(HFM) LEAD	√	√	√															
			2.0L DIESEL RF-TCI	√	√																
A/T		√	√																		
ABS		GASOLIN	√	√																	
		DIESEL	√	√																	
SRS-AIRBAG		√																			
IMM.		2.0L DOHC GASOLINE HFM						√	√	√										√	
		2.0L DIESEL RF-TCI						√	√	√										√	
1998		ENGINE	2.0L DOHC(HFM) UNLEAD	√	√		√														
	2.0L DOHC(HFM) LEAD		√	√	√																
	2.0L DIESEL RF-TCI		√	√																	
	A/T		√	√																	
	ABS	GASOLIN	√	√																	
		DIESEL	√	√																	
	SRS-AIRBAG		√																		
	IMM.	2.0L DOHC GASOLINE HFM						√	√	√										√	
		2.0L DIESEL RF-TCI						√	√	√										√	
	~ 1998	ENGINE	2.0L GASOLINE	√	√	√															
2.0L DIESEL RF-TCI			√	√																	
A/T		√																			
SRS-AIRBAG		√																			
IMM.		2.0L DOHC GASOLINE HFM						√	√	√										√	
		2.0L DIESEL RF-TCI						√	√	√										√	
2000		ENGINE	1.8L GASOLINE	√	√	√															
			2.0L GASOLINE	√	√	√															
		A/T		√	√																
		ABS		√	√	√															
	SRS-AIRBAG		√																		
	IMM.	1.8L GASOLINE						√	√	√										√	
		2.0L GASOLINE						√	√	√										√	
	1999	ENGINE		√	√	√															
		A/T		√	√																
		ABS		√	√	√															
SRS-AIRBAG		√																			
IMM.		1.8L GASOLINE						√	√	√										√	
		2.0L GASOLINE						√	√	√										√	
ENGINE		1.8L GASOLINE	√	√	√																
		2.0L GASOLINE	√	√	√																
		A/T		√	√																

CLARUS

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OPTIMA (MAGNETIS)	1998	ABS		√	√	√																
		SRS-AIRBAG		√																		
	IMM.	1.8L GASOLINE						√	√	√										√		
		2.0L GASOLINE						√	√	√										√		
	ENGINE	1.8L GASOLINE		√	√	√																
		2.0L GASOLINE		√	√	√																
	~ 1998	A/T		√																		
		SRS-AIRBAG		√																		
	IMM.	1.8L GASOLINE						√	√	√												
		2.0L GASOLINE						√	√	√												
	2004~ 2005	ENGINE	2.7V V6 GASOLINE		√	√	√															
			2.5V V6 (TiO2) EURO-III		√	√	√															
			2.5V V6 (ZrO2) EURO-III																			
			2.5L V6 (GENERAL)		√	√	√															
2.5L V6 (LEAD)			√	√	√																	
2.4L DOHC (MELCO)			√	√	√	√																
2.0L DOHC A/T (MELCO)			√	√	√	√																
2.0L DOHC A/T (LEAD)			√	√	√	√																
2.0L DOHC M/T (MELCO)			√	√	√																	
2.0L DOHC M/T (LEAD)			√	√	√																	
A/T		TCU FOR 2.5L/2.7L GASOL.		√	√	√																
		TCU FOR 2.4L GASOLINE		√	√																	
		TCU FOR 2.0L GASOLINE		√	√	√																
ABS		√	√	√																		
SRS-AIRBAG		√	√																			
IMM.		√	√			√		√								√	√					
2003	ENGINE	2.7V V6 GASOLINE		√	√	√																
		2.5V V6 (TiO2) EURO-III		√	√	√																
		2.5V V6 (ZrO2) EURO-III																				
		2.5L V6 (GENERAL)		√	√	√																
		2.5L V6 (LEAD)		√	√	√																
		2.4L DOHC (MELCO)		√	√	√	√															
		2.0L DOHC A/T (MELCO)		√	√	√	√															
		2.0L DOHC A/T (LEAD)		√	√	√	√															
		2.0L DOHC M/T (MELCO)		√	√	√																
		2.0L DOHC M/T (LEAD)		√	√	√																
	A/T	TCU FOR 2.5L/2.7L GASOL.		√	√	√																
		TCU FOR 2.4L GASOLINE		√	√																	
		TCU FOR 2.0L GASOLINE		√	√	√																
	ABS		√	√	√																	
SRS-AIRBAG		√	√																			
IMM.		√	√			√		√								√	√					
ENGINE	2.7L V6 GASOLINE		√	√	√																	
	2.5L V6 (EURO-III)		√	√	√																	
	2.5L V6 (GENERAL)		√	√	√																	
	2.5L V6 (LEAD)		√	√	√																	
	2.4L DOHC (MELCO)		√	√	√	√																

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2002		2.0L DOHC A/T (MELCO)	√	√	√	√																	
		2.0L DOHC A/T (LEAD)	√	√	√	√																	
		2.0L DOHC M/T (MELCO)	√	√	√																		
		2.0L DOHC M/T (LEAD)	√	√	√																		
		A/T	TCU FOR 2.5L/2.7L GASOL.	√	√	√																	
			TCU FOR 2.4L GASOLINE	√	√																		
			TCU FOR 2.0L GASOLINE	√	√	√																	
		ABS	MANDO	√	√	√																	
			BOSCH	√	√	√																	
		SRS-AIRBAG		√	√																		
		IMM.		√	√			√	√	√							√	√					
		2000 ~ 2001		ENGINE	2.5V V6 (EURO-III)	√	√	√															
					2.5L V6 (GENERAL)	√	√	√															
					2.5L V6 (LEAD)	√	√	√															
					2.4L DOHC (MELCO)	√	√	√	√														
					2.0L DOHC A/T (MELCO)	√	√	√	√														
2.0L DOHC A/T (LEAD)	√				√	√	√																
2.0L DOHC M/T (MELCO)	√				√	√																	
2.0L DOHC M/T (LEAD)	√				√	√																	
A/T	TCU FOR 2.5L/2.7L GASOL.			√	√	√																	
	TCU FOR 2.4L GASOLINE			√	√																		
	TCU FOR 2.0L GASOLINE			√	√	√																	
ABS				√	√	√																	
SRS-AIRBAG				√	√																		
IMM.		√	√			√	√	√							√	√							
ELAN	1998	ENGINE	√	√	√																		
		SRS-AIRBAG	√																				
	1997	ENGINE	√	√	√																		
		SRS-AIRBAG	√																				
POTENTIA	ALL	ENGINE	2.0L DOHC(HFM) UNLEAD	√	√		√																
			2.0L DOHC(HFM) LEAD	√	√	√																	
		A/T						√	√														
		ABS	ABS 5	√	√	√																	
ABS/ASR 5(INCLUDE TCS)	√		√	√																			
ENTERPRISE	ALL	ENGINE	DTC,CD,FREEZFRAME DATA																				
			3.0L GASOLINE JED	√	√		√																
			OBD-II 98-99MY	√	√		√																
		A/T		√																			
		ABS	3.0L GASOLINE JED	√	√	√																	
			3.6L GASOLINE J6D	√	√	√																	
		SRS-AIRBAG		√																			
		ENGINE	3.5L GASOLINE (M/EAST)	√	√	√	√																
			2.5L V6 (EURO-III)	√	√																		
			2.5L GASOLINE(EUROPE) KV6	√	√	√																	
			2.5L GASOLINE(GENERAL)KV6	√	√	√																	
			2.9L DIESEL C/RAIL	√	√	√																	
			3.0L DIESEL(EUROPE) J3TCI	√																			

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CARNIVAL (SEDONA)	2005	A/T	3.0L DIESEL(GEN.) J3TCI	√																			
			3.5L GASOLINE (M/EAST)	√	√	√																	
			GASOLIN	√	√	√																	
			DIESEL	√	√	√																	
		ABS	ABS	√	√	√																	
			ABS (EURO-III)	√	√	√																	
			ABS (C/RAIL)	√	√	√																	
		SRS-AIRBAG			√																		
		IMM.	3.5L GASOLINE (M/EAST)	√	√			√	√	√						√	√						
			2.5L GASOLINE KV6					√	√	√													√
	3.0L DIESEL J3TCI						√	√	√													√	
	2.5L BOSCH (SMARTRA)			√			√	√	√	√	√												
	2.9L C/RAIL (SMARTRA)						√	√	√	√	√	√											
	2004	ENGINE	3.5L GASOLINE (M/EAST)	√	√	√	√																
			2.5L V6 (EURO-III)	√	√																		
			2.5L GASOLINE(EUROPE) KV6	√	√	√																	
			2.5L GASOLINE(GENERAL)KV6	√	√	√																	
			2.9L DIESEL C/RAIL	√	√	√																	
			3.0L DIESEL(EUROPE) J3TCI	√																			
			3.0L DIESEL(GEN.) J3TCI	√																			
A/T		3.5L GASOLINE (M/EAST)	√	√	√																		
		GASOLIN	√	√	√																		
		DIESEL	√	√	√																		
ABS		ABS	√	√	√																		
		ABS (EURO-III)	√	√	√																		
		ABS (C/RAIL)	√	√	√																		
SRS-AIRBAG			√																				
IMM.		3.5L GASOLINE (M/EAST)	√	√			√	√	√						√	√							
		2.5L GASOLINE KV6					√	√	√													√	
		3.0L DIESEL J3TCI					√	√	√													√	
		2.5L BOSCH (SMARTRA)		√			√	√	√	√	√												
		2.9L C/RAIL (SMARTRA)					√	√	√	√	√	√											
2003		ENGINE	3.5L GASOLINE (M/EAST)	√	√	√	√																
	2.5L V6 (EURO-III)		√	√																			
	2.5L GASOLINE(EUROPE) KV6		√	√	√																		
	2.5L GASOLINE(GENERAL)KV6		√	√	√																		
	2.9L DIESEL C/RAIL		√	√	√																		
	3.0L DIESEL(EUROPE) J3TCI		√																				
	3.0L DIESEL(GEN.) J3TCI		√																				
	A/T	3.5L GASOLINE (M/EAST)	√	√	√																		
		GASOLIN	√	√	√																		
		DIESEL	√	√	√																		
	ABS	ABS	√	√	√																		
		ABS (EURO-III)	√	√	√																		
		ABS (C/RAIL)	√	√	√																		
	SRS-AIRBAG			√																			
	3.5L GASOLINE (M/EAST)			√	√			√	√	√					√	√						√	

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	IMM.	2.5L GASOLINE KV6					√	√	√					√	
		3.0L DIESEL J3TCI					√	√	√					√	
		2.5L BOSCH (SMARTRA)		√			√	√	√	√	√				
		2.9L C/RAIL (SMARTRA)					√	√	√	√	√				
2002	ENGINE	2.5L V6 (EURO-III)	√	√											
		2.5L GASOLINE(EUROPE) KV6	√	√	√										
		2.5L GASOLINE(GENERAL)KV6	√	√	√										
		2.9L DIESEL C/RAIL	√	√	√										
		3.0L DIESEL(EUROPE) J3TCI	√												
		3.0L DIESEL(GEN.) J3TCI	√												
	A/T	GASOLIN	√	√	√										
		DIESEL	√	√	√										
	ABS	ABS	√	√	√										
		ABS (EURO-III)	√	√	√										
		ABS (C/RAIL)	√	√	√										
	SRS-AIRBAG		√												
	IMM.	2.5L GASOLINE KV6						√	√	√					√
		3.0L DIESEL J3TCI						√	√	√					√
2.5L BOSCH (SMARTRA)			√				√	√	√	√	√				
2.9L C/RAIL (SMARTRA)			√				√	√	√	√	√				
2000 ~2001	ENGINE	2.5L GASOLINE(EUROPE) KV6	√	√	√										
		2.5L GASOLINE(GENERAL)KV6	√	√	√										
		3.0L DIESEL(EUROPE) J3TCI	√												
		3.0L DIESEL(GEN.) J3TCI	√												
	A/T	TCU(GENERAL) GAS	√	√	√										
		TCU(EUROPE) GAS	√	√	√										
		TCU(GENERAL) DIESEL	√	√											
		TCU(EUROPE) DIESEL	√	√											
	ABS	ABS(EUROPE)	√	√	√										
		ABS(GENERAL) GAS	√	√	√										
		ABS(GENERAL) DIESEL	√	√	√										
	SRS-AIRBAG	A/BAG(EUROPE)	√												
		A/BAG(GENERAL)	√												
	IMM.	2.5L GASOLINE KV6						√	√	√					√
3.0L DIESEL J3TCI							√	√	√					√	
1998 ~1999	ENGINE	2.5L GASOLINE(EUROPE) KV6	√	√	√										
		2.5L GASOLINE(GENERAL)KV6	√	√	√										
		3.0L DIESEL(EUROPE) J3TCI	√												
		3.0L DIESEL(GEN.) J3TCI	√												
	A/T	TCU(GENERAL) GAS	√	√	√										
		TCU(EUROPE) GAS	√	√	√										
		TCU(GENERAL) DIESEL	√	√											
		TCU(EUROPE) DIESEL	√	√											
	ABS	ABS(EUROPE)	√	√											
		ABS(GENERAL) GAS	√	√											
		ABS(GENERAL) DIESEL	√	√											
SRS-AIRBAG		√													

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		SRS-AIRBAG	A/BAG(GENERAL)	√																		
		IMM.	2.5L GASOLINE KV6					√	√	√										√		
			3.0L DIESEL J3TCI						√	√	√										√	
RETONA	ALL	ENGINE	2.0L GASOLINE	√	√		√															
			2.0L DIESEL RF-TCI	√	√																	
			A/T	√	√																	
			ABS	√																		
			SRS-AIRBAG	√																		
		IMM.	2.0L DOHC GASOLINE HFM							√	√	√										√
			2.0L DIESEL RF-TCI							√	√	√										√
JOICE	ALL	ENGINE	2.0L GASOLINE	√	√	√																
			2.0L GASOLINE IMM	√	√	√																
			2.0L GASOLINE (EURO-III)	√	√	√																
			A/T	√	√	√																
			ABS	√	√	√																
			SRS-AIRBAG	√	√																	
		IMM.	2.0L GASOLINE	√	√					√	√										√	√
2.0L GASOLINE (EURO-III)	√		√					√	√										√	√		
TOWNER	ALL	ENGINE	√	√																		
PREGIO	2004~	ENGINE	√	√	√																	
	2005	ENGINE	√	√	√																	
	2003	ENGINE	√	√	√																	
FRONTIER	2002	ENGINE	√	√	√																	
	2004~	ENGINE	√	√	√																	
	2005	ENGINE	√	√	√																	
SORENTO	2004~	ENGINE	ENGINE DIESEL(A-ENG)	√	√	√																
			3.5L GASOLINE (EURO-IV)	√	√	√																
			3.5L GASOLINE (GEN)	√	√	√																
			2.4L GASOLINE (EURO-IV)	√	√	√																
			2.4L GASOLINE (GEN)	√	√	√																
		A/T	√	√	√																	
		ABS	√	√																		
		SRS-AIRBAG	√	√																		
		EPS	√	√																		
		4WD	4WD(EST-MANUAL)	√																		
	4WD(TOD-AUTO)			√					√	√	√	√	√	√	√							
		IMM.																				
	2003	ENGINE	ENGINE DIESEL(A-ENG)	√	√	√																
			3.5L GASOLINE (EURO-IV)	√	√	√																
			3.5L GASOLINE (GEN)	√	√	√																
2.4L GASOLINE (EURO-IV)			√	√	√																	
2.4L GASOLINE (GEN)			√	√	√																	
A/T		√	√	√																		
ABS		√	√																			
SRS-AIRBAG		√	√																			
4WD	4WD(EST-MANUAL)	√																				

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		4WD	4WD(TOD-AUTO)		√			√	√	√	√	√				
			IMM.													
KM	2005	ENGINE	UNLEAD 2.0L GEN	√	√	√										
			UNLEAD 2.0L EOBD	√	√	√										
			UNLEAD 2.0L OBD-II	√	√	√										
			LEAD 2.0L ALL													
			UNLEAD 2.7L GEN													
			UNLEAD 2.7L EOBD													
			UNLEAD 2.7L OBD-II													
			LEAD 2.7L ALL	√	√	√										
			DIESEL	√	√	√										
		A/T	√	√	√											
		ABS	√	√												
			SRS-AIRBAG	√	√											
SPORTAGE (2005)	2005	ENGINE	2.0L DIESEL ALL													
			2.0L CVVT EOBD													
			2.0L CVVT GEN													
			2.0L CVVT LEAD													
			2.7L V6 EOBD	√	√		√									
			2.7L V6 GEN	√	√											
			2.7L V6 LEAD	√	√											
		A/T	2.0L DIESEL/2.7 GASLOINE	√	√											
			2.0L GASLOINE(PCM)	√	√											
		ABS	√	√	√											
		SRS-AIRBAG	√	√	√											
		A/C	√													
		4WD	√													
IMM.	DIESEL ALL							√	√	√				√		
	2.0L CVVT ALL							√	√	√				√		

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## KIA DOMESTIC VER 6.06

MODEL	SYSTEM		DTC	Live Data	Actuation Test	Freeze Frame	Reset Adaptation	Adjust Adaptation	Injector Data
Pride	ENGINE	EGI	√						
		FBC	√						
		(93.11.~)	√	√					
Capital	ENGINE	1.5 SOHC	√						
		1.5 DOHC	√						
		1.8 SOHC	√						
		LPG TAXI	√						
Concord	ENGINE	1.8 SOHC	√						
		2.0 SOHC	√						
		2.0 SOHC Siemens	√						
		2.0 DOHC	√						
		LPG TAXI	√						
Sportage	ENGINE		√	√	√				
	TCU		√						
Potentia	ENGINE	2	√	√	√				
		2.2	√						
		3	√						
		2.0 LPG	√	√	√				
New Potentia	ENGINE	2.0 (~2001)	√	√	√				
		2.0 (2001~)	√	√		√			
		2.5	√	√		√			
		2.0 LPG	√	√	√				
	TCU		√						
	ABS	ABS 5	√	√	√				
	ABS/ASR 5(TCS)	√	√	√					
Sephia	ENGINE	1.5 (~94.8)	√						
		1.5 (94.9~)	√	√					
		1.8	√	√	√				
	TCU		√						
	SRS		√	√					

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Sephia II	ENGINE	1.5 SOHC	√	√						
		1.5 DOHC	√	√		√				
		1.8 DOHC	√	√		√				
	TCU		√	√						
	ABS		√	√						
Avella	ENGINE	1.3/1.5	√	√						
		TCU		√						
		ABS		√	√					
Credos	ENGINE	1.8 DOHC	√	√	√					
		2.0 SOHC	√	√	√					
		2.0 DOHC	√	√	√					
		1.8 LPG	√	√	√					
		2.0 LPG	√	√	√					
	TCU		√							
SRS		√	√							
Credos II	ENGINE	1.8 DOHC	√	√	√					
		2.0 SOHC	√	√	√					
		2.0 DOHC	√	√	√					
		V6	√	√		√				
		1.8 LPG	√	√	√					
		2.0 LPG	√	√	√					
	TCU	1.8		√	√					
		2		√	√					
		ABS		√	√					
SRS		√	√							
Elan	ENGINE		√	√	√					
	SRS		√	√						
Enterprise	ENGINE	2.5	√	√		√				
		3	√	√		√				
		3.6	√	√		√				
		2.5 2000 MY	√	√		√				
	TCU		√	√						
	ABS	ABS 5		√	√	√				
		ABS/ASR 5(TCS)		√	√	√				
SRS		√								

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Shuma	ENGINE	1.5 SOHC	√	√					
		1.5 DOHC	√	√		√			
		1.8 DOHC	√	√		√			
	TCU		√	√					
	ABS		√	√					
	SRS		√						
Carnival I / II	ENGINE	2.5 V6 SIEMENS	√	√	√				
		2.9 Diesel (CRDI)	√	√	√				
		3.0 Diesel	√						
		2.5 LPG	√	√	√				
	TCU		√	√	√				
	ABS		√	√					
	SRS		√						
Visto	ENGINE	SOHC	√	√	√				
	ENGINE LPG		√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
	SRS		√	√					
Carstar	ENGINE	DOHC	√	√	√				
	ENGINE LPG	FBM 97-99MY	√	√	√				
		FBM 2000MY	√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
SRS		√	√						
Carens	ENGINE	1.8 EGI	√	√		√			
	ENGINE LPG	LPG	√	√	√				
		1.8 LPG	√	√	√				
		2.0 LPG	√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
SRS		√							
Rio	ENGINE	1.3/1.5	√	√		√			
	TCU		√	√					
	ABS		√	√	√				
	SRS		√						

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Spectra	ENGINE	1.8 EGI	√	√		√			
		1.5 EGI	√	√		√			
	TCU		√	√					
	ABS		√	√					
	SRS		√						
Optimal	ENGINE	1.8/2.0	√	√	√				
		2.5 V6	√	√	√		√	√	
		LPG	√	√	√				
		LPG Beta	√	√	√				
	TCU	1.8/2.0	√	√	√				
		2.5	√	√	√				
		CVT	√	√	√				
	ABS	MANDO	√	√	√				
		BOSCH	√	√	√				
	SRS		√	√					
ECS		√	√	√					
Pregio	TCU (ECAT)		√	√					
Frontier	TCU (ECAT)		√	√					
Sorento	ENGINE	2.5L CRDI Diesel WGT(~2003MY~	√	√	√				√
		2.5L CRDI Diesel WGT(2004MY~	√	√	√				
		2.5L CRDI Diesel VGT(2005MY~	√	√	√				
		3.5 Gasoline	√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
	SRS		√	√					
	Power Steering		√	√					
	4W		√						
Heater		√	√	√					
Carens II	ENGINE	2.0 Diesel / C/RAIL BOSCH	√	√	√				√
		1.8 LPG	√	√	√				
		2.0 LPG	√	√	√				
		1.8 BOSCH	√	√					
		2.0 CVVT SIEMENS	√	√	√				
	TCU	Diesel	√	√	√				
		1.8 LPG	√	√					
		2.0 LPG / Gasoline	√	√	√				
	ABS		√	√	√				
SRS		√	√						

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Optimal Regal	ENGINE	1.8 DOHC SIEMENS	√	√	√				
		2.0 DOHC MELCO	√	√	√				
		2.5 V6 SIEMENS	√	√	√		√	√	
		2.0 LPG Beta	√	√	√				
	TCU	1.8/2.0	√	√	√				
		2.5	√	√	√				
		CVT	√	√	√				
	ABS	BOSCH	√	√	√				
	SRS		√	√					
	ECS		√	√	√				
Rio SF	ENGINE	Rio 1.3/1.5 SIEMENS	√	√					
	TCU		√	√					
	ABS		√	√	√				
	SRS		√						
Morning	ENGINE	1.0 SOHC	√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
	SRS		√	√					
Serato	ENGINE	1.5L Diesel BOSCH	√	√	√				
		1.5/1.6 CVVT BOSCH	√	√	√				
		2.0 CVVT SIEMENS	√	√	√				
	TCU	1.5	√	√	√				
		2.0	√	√	√				
	ABS		√	√	√				
	SRS		√						
X-TRACK	ENGINE	Diesel	√	√	√				
	TCU		√	√	√				
	ABS		√	√	√				
	SRS		√	√					
Retona	ENGINE	2.0 BOSCH	√	√		√			
	TCU	ECAT	√	√					
		2.0L TCI	√	√					
portage (20004MY~	ENGINE	2.0L Diesel BOSCH	√	√	√				
		2.0L CVVT SIEMENS	√	√	√				
	TCU	2.0L Diesel BOSCH	√	√	√				
		2.0L CVVT SIEMENS	√	√	√				
	ABS		√	√	√				
	SRS		√	√					
	4W		√						
	BODY	rain sensor			√	√			
no rain sensor				√	√				

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Opirus	ENGINE	3.0 / 3.5 ETS MELCO	√	√	√					
		2.7 SIEMENS	√	√	√					
		2.7 LPI(EMS ECU)	√	√	√					
		2.7 LPI(IFB ECU)	√	√	√					
	TCU	2.7 / 3.0 / 3.5	√	√	√					
	ABS		√	√	√					
	SRS		√	√						
	BODY	BCM		√	√	√				
		DDM		√	√	√				
		ADM		√	√	√				
		IMS		√	√	√				
		TILT		√	√	√				
	A/C		√	√	√					
	Power Steering		√	√						
LEC. SUSPENSION		√	√	√						
AHLS		√	√							
Bongo3(Van/Coach)	ENGINE	2.9 Diesel ELEC. (CRDI)	√	√	√					
	TCU		√	√	√					
	ABS		√	√	√					
Bongo3(Truck)	ENGINE	2.5 Diesel ELEC. (TCI)	√	√	√					
		2.9 Diesel ELEC. (CRDI)	√	√	√					
	TCU		√	√	√					
	ABS		√	√	√					
Grand Carnival	ENGINE	KJ2.9 CRDI WGT Diesel	√	√	√					
	TCU	KJ2.9 CRDI Diesel	√	√	√					
	ABS		√	√	√					
	SRS		√	√						
	A/C		√	√	√					
	Heater		√	√	√					
	Power Sliding / Tail Gate	Power Sliding-LH		√	√					
		Power Sliding-RH		√	√					
		Power Tail Gate		√	√					
	BODY	IPM				√				
		FAM				√				
RAM					√					
DDM					√					
ADM					√					
IMS					√					

# KOREAN CAR COVERAGE LIST

MAY 16,2006

## DAEWOO VER 6.08

MODEL	SYSTEM	Sub System	DTC	Live Data	Actuation Test	System Reset	Reset Adaptation	Self Adaptation
Lemans	ENGINE	1.5 TBI	√	√				
		1.5 MPI	√	√	√			
		1.6 TBI	√	√				
		2.0 TBI	√	√				
Espero	ENGINE	1.5 MPI	√	√	√			
		2.0 TBI	√	√	√			
		2.0 MPI	√	√	√			
	TCU		√	√	√			
	ABS		√	√				
New Prince / Salon	ENGINE	1.8 MPI	√	√	√			
		Prince 2.0 MPI	√	√	√			
		Salon 2.0 MPI	√	√	√			
		1.8 DOHC	√	√	√			
		2.0 DOHC	√	√	√			
		2.2 DOHC	√	√	√			
	LPG	√						
	ABS		√	√	√			
Cielo	ENGINE		√	√	√			
	TCU		√	√				
	ABS		√	√				
Nexia	ENGINE		√	√	√			
	TCU		√	√				
	ABS		√	√				
Lanos I / II	ENGINE	1.3 SOHC	√	√	√			
		1.5 SOHC	√	√	√			
		1.5 DOHC	√	√	√			
	TCU		√	√				
	ABS		√	√				
	SRS		√					
Nubira	ENGINE	1.5 SOHC	√	√	√			
		1.5 DOHC	√	√	√			
		1.8 DOHC	√	√	√			
		2.0 DOHC	√	√	√			
	TCU		√	√				
	ABS		√	√				
	SRS		√	√				
Nubira II	ENGINE	1.5 DOHC	√	√				
		2	√	√	√			
	TCU		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	ENGINE	1.8 SOHC	√	√	√			
		1.8 DOHC	√	√	√			
		2.0 SOHC	√	√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

Leganza		2.0 DOHC	√	√	√			
		LPG	√					
	TCU	LPG	√	√	√			
	ABS		√	√				
	SRS		√	√				
Matiz I / II	ENGINE	Domestic	√	√				
		Export	√	√				
	SAT		√	√	√	√		
	ABS		√	√	√			
	SRS		√					
Magnus	ENGINE	2.0 SOHC	√	√	√			
		2.0 DOHC	√	√	√			
		LPG	√					
	TCU		√	√				
	ABS		√	√	√			
	SRS		√					
	ISU		√	√	√			
Damas / Labo	ENGINE		√	√	√			
Tico	SAT		√	√	√		√	√
Rezzo	ENGINE	Gasoline	√	√	√			
		LPG	√					
		Export	√	√				
	TCU	LPG	√	√	√			
		Gasoline	√	√				
	ABS		√	√	√			
	SRS		√	√				
KALOS	ENGINE	1.2 SOHC	√	√	√			
		1.5 SOHC	√	√				
	TCU		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
LACETTI	ENGINE	1.5 DOHC	√	√	√			
		1.6 DOHC	√	√				
	TCU		√	√	√			
	ABS		√	√	√			
	SRS		√	√				
	SSPS		√	√	√			
NEW Matiz (M200)	ENGINE		√	√	√			
	TCU		√	√	√			
	ABS		√	√	√			
	SRS		√	√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

## SSANG YONG VER 6.0

MODEL	SYSTEM		DTC	Live Data	Actuation Test	ECU Info	
Musso	ENGINE	3.2 DOHC A/T	√	√	√		
		3.2 DOHC M/T	√	√	√		
		3.2 DOHC A/T, LEAD	√	√	√	√	
		3.2 DOHC M/T, LEAD	√	√	√	√	
		2.3 DOHC A/T	√	√	√	√	
		2.3 DOHC M/T	√	√	√	√	
		2.3 DOHC ASC	√	√	√	√	
		2.0 DOHC A/T	√	√	√	√	
		2.0 DOHC M/T	√	√	√	√	
		2.0 DOHC ASC	√	√	√	√	
		2.3 MSE	√	√	√		
	3.2 MSE	√	√	√			
	TCU			√	√		
	ABS	ABS 5.0		√	√	√	
		ABS-ABD 5.0		√	√	√	
		ABS-EBD 5.3		√	√	√	
		ABD-EBD 5.3		√	√	√	
	ECS			√	√		
	SRS			√			
TOD			√				
TCCU			√				
ISTANA	ENGINE	ABS 5.0	√	√	√		
Korando	ENGINE	3.2 DOHC A/T	√	√	√	√	
		3.2 DOHC M/T	√	√	√	√	
		3.2 DOHC A/T, LEAD	√	√	√	√	
		3.2 DOHC M/T, LEAD	√	√	√	√	
		2.3 DOHC A/T	√	√	√	√	
		2.3 DOHC M/T	√	√	√	√	
		2.3 DOHC ASC	√	√	√	√	
		2.0 DOHC A/T	√	√	√	√	
		2.0 DOHC M/T	√	√	√	√	
		2.0 DOHC ASC	√	√	√	√	
		2.3 MSE	√	√	√		
	3.2 MSE	√	√	√			
	TCU			√	√		
	ABS	ABS 5.0		√	√	√	
		ABS-ABD 5.0		√	√	√	
		ABS-EBD 5.3		√	√	√	
		ABD-EBD 5.3		√	√	√	
	ECS			√	√		
	SRS			√			
TOD			√				
TCCU			√				
Chairman	ENGINE	3.2 (VDO)	√	√	√		
		2.8 (VDO)	√	√	√		
		2.3 (VDO)	√	√	√		
		3.2 (BOSCH)	√	√			
	TCU	BTRA TCU		√	√		
		NAG TCU		√	√		
		DC 5 A/T(T-TRONIC)		√	√		
	ABS	ABS 5.3		√	√	√	
		ABD 5.3		√	√	√	
		ASR 5.3		√	√	√	
		TEVES(ABS/ESP)		√	√	√	
TEVES(ABS)		√	√	√			
ECS			√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

	SRS		√			
Rexton	ENGINE	2.3 MSE	√	√	√	
		3.2 MSE	√	√	√	
		DSL D27DT	√	√	√	
	TCU	BTRA 4 A/T	√	√		
		DC 5 A/T(T-TRONIC)	√	√		
	ABS	BOSCH(ABS 5.3)	√	√	√	
		TEVES(ABS/ESP)	√	√	√	
		TEVES(ABS)	√	√	√	
	SRS		√			
	TOD	구형 TOD	√			
신형 TOD(DI 엔진 적용차량)		√	√			
TCCU	구형 TCCU	√				
	신형 TCCU(DI 엔진 적용차량)	√	√			
Rodius	ENGINE	DSL D27DT	√	√	√	
	TCU		√	√		
	ABS	TEVES(ABS/ESP)	√	√	√	
		TEVES(ABS)	√	√	√	
	SRS		√			
	TOD		√	√		
TCCU		√	√			

# KOREAN CAR COVERAGE LIST

MAY 16,2006

## SAMSUNG VER 6.06

MODEL	SYSTEM		DTC	Live Data	Actuation Test	ECU Info
SM5	ENGINE	Gasoline	√	√	√	
		LPG	√	√	√	
	TCU	Gasoline	√	√	√	
		LPG	√	√	√	
	ABS		√	√	√	
	SRS		√			
	IVMS				√	√
SM3	ENGINE		√	√	√	
	TCU		√	√	√	
	ABS		√	√	√	
	SRS		√			

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# EUROPEAN CARS

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 **HANATECH CO.,LTD.**

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

## BMW VER 1.12

SYSTEM	SUB SYSTEM	ENGINE TYPE	DTC	CD	ACT	ID	
E30	Drive	DME (engine)	0	0	0	0	
	Body	SRS(Air bag)	0	0	-	0	
E36	Drivs	DME (engine)	0	0	0	0	
		EGS (transmission)	0	0	0	0	
		EWS (immobilizer)	0	-	-	0	
		GR2 (cruise control)	0	-	-	0	
	Chassis	ABS/ASC/DSC	0	0	0	0	
	Body	SRS(Air bag)	0	0	-	0	
		IKE/IKI/KOMBI	0	0	0	0	
		ZKE(central body system)	0	-	-	0	
		CVM(Convertibletop)	0	-	-	0	
		PDC (park distance control)	0	-	-	0	
		LWS (steering angle)	0	-	-	0	
	Comm. & Info.	Radio	0	-	-	0	
		Onboard-monitor	0	-	-	0	
		MID (multi-information display)	0	-	-	0	
		IRIS (integrated radio information system)	0	-	-	0	
	AC	IHKA/IHKR (AC/heater)	0	0	-	0	
	E46	Drivs	DME (engine)	0	0	0	0
			EGS (transmission)	0	0	0	0
			EWS (immobilizer)	0	-	-	0
			GR2 (cruise control)	0	-	-	0
Chassis		ABS/ASC/DSC	0	0	0	0	
		RDC (tire pressure)	0	-	-	0	
Body		SRS(Air bag)	0	0	-	0	
		IKE/IKI/KOMBI	0	0	0	0	
		ZKE(central body system)	0	-	-	0	
		LCM (light check)	0	-	-	0	
		XENON, left	0	-	-	0	
		XENON, right	0	-	-	0	
		PDC (park distance control)	0	-	-	0	
		AIC/RLS (rain & light sensor)	0	-	-	0	
		MFL (multi-functional steering wheel)	0	-	-	0	
		CVM (convertibletop)	0	-	-	0	
		SHD (sunroof)	0	-	-	0	
		SM (seat memory)	0	-	-	0	
		BSM (seat memory, passenger side)	0	-	-	0	
		CCM (check control)	0	-	-	0	
		FBZV (remote control for central lock)	0	-	-	0	
LWS (steering angle)		0	-	-	0		
Comm. & Info.		Radio	0	-	-	0	
		BIT (basis-interface telephone)	0	-	-	0	
		Onboard-monitor	0	-	-	0	
		DSP-booster	0	-	-	0	

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

	Comm. & Info.	MID (multi-information display)	0	-	-	0	
		FID (rear multi-information display)	0	-	-	0	
		IRIS (integrated radio information system)	0	-	-	0	
		Navigation	0	-	-	0	
E46	Comm. & Info.	Navigation JAP	0	-	-	0	
		Video module, graphics	0	-	-	0	
		Video module, TV	0	-	-	0	
		SES	0	-	-	0	
	AC	IHKA/IHKR (AC/heater)	0	0	-	0	
Z3	Drivs	DME (engine)	0	0	0	0	
		EGS (transmission)	0	0	0	0	
		EWS (immobilizer)	0	-	-	0	
		GR2 (cruise control)	0	-	-	0	
		TOENS (thermal oil level sensor)	0	-	-	0	
		Chassis	ABS/ASC/DSC	0	0	0	0
	Body	SRS(Air bag)	0	0	-	0	
		IKE/IKI/KOMBI	0	0	0	0	
		ZKE(central body system)	0	-	-	0	
		LCM (light check)	0	-	-	0	
		CVM (convertibletop)	0	-	-	0	
		PDC (park distance control)	0	-	-	0	
		LWS (steering angle)	0	-	-	0	
	Comm. & Info.	Radio	0	-	-	0	
		Onboard-monitor	0	-	-	0	
		MID (multi-information display)	0	-	-	0	
		IRIS (integrated radio information system)	0	-	-	0	
		AC	IHKA/IHKR (AC/heater)	0	0	-	0
	E28	Drivs	DME (engine)	0	0	0	0
E34	Drivs	DME (engine)	0	0	0	0	
		EGS (transmission)	0	0	0	0	
		EWS (immobilizer)	0	-	-	0	
	Chassis	ABS/ASC/DSC	0	0	0	0	
		AHK (active real axle)	0	-	-	0	
	Body	SRS(Air bag)	0	0	-	0	
		IKE/IKI/KOMBI	0	0	0	0	
		ZKE(central body system)	0	-	-	0	
		EKM (elec. Body module)	0	-	-	0	
		LCM/LM (light check)	0	-	-	0	
		Comm. & Info.	MID (multi-information display)	0	-	-	0
	AC	IHKA/IHKR (AC/heater)	0	0	-	0	
	Drivs	DME (engine)	0	0	0	0	
		EGS/AGS (transmission)	0	0	0	0	
		EWS (immobilizer)	0	-	-	0	
		GR2 (cruise control)	0	-	-	0	
	Chassis	ABS/ASC/DSC	0	0	0	0	
		EHC (ride height control)	0	-	-	0	
		RDC (tire pressure)	0	-	-	0	

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

E39	Body	SRS(Air bag)	0	0	-	0		
		IKE/IKI/KOMBI	0	0	0	0		
		ZKE(central body system)	0	-	-	0		
		LCM (light check)	0	-	-	0		
		SZM (switching center)	0	-	-	0		
		XENON, left	0	-	-	0		
		XENON, right	0	-	-	0		
		PDC (park distance control)	0	-	-	0		
E39	Body	AIC/RLS (rain & light sensor)	0	-	-	0		
		MFL (multi-functional steering wheel)	0	-	-	0		
		SHD (sunroof)	0	-	-	0		
		SM (seat memory)	0	-	-	0		
		BSM (seat memory, passenger side)	0	-	-	0		
		CCM (check control)	0	-	-	0		
		FBZV (remote control for central lock)	0	-	-	0		
		FGB (rear compartment blower)	0	-	-	0		
		HKM (trunk lid module)	0	-	-	0		
		SBE2 (seat occupation detection)	0	-	-	0		
		SPMBT (mirror memory, passenger side)	0	-	-	0		
		STH (additional heater)	0	-	-	0		
		LWS (steering angle)	0	-	-	0		
		ELV (elec. Steering)	0	-	-	0		
		E39	Comm. & Info.	Radio	0	-	-	0
				BIT (basis-interface telephone)	0	-	-	0
Onboard-monitor	0			-	-	0		
DSP-booster	0			-	-	0		
MID (multi-information display)	0			-	-	0		
FID (rear multi-information display)	0			-	-	0		
IRIS (integrated radio information system)	0			-	-	0		
Navigation	0			-	-	0		
Navigation JAP	0			-	-	0		
Video module, graphics	0			-	-	0		
Video module, TV	0			-	-	0		
SES	0	-	-	0				
AC	IHKA/IHKR (AC/heater)	0	0	-	0			
E32	Drivs	DME (engine)	0	0	0	0		
		EGS (transmission)	0	0	0	0		
		EML	0	0	0	0		
		EWS (immobilizer)	0	-	-	0		
	Chassis	ABS/ASC/DSC	0	0	0	0		
		EDC (elec. Damper control)	0	-	-	0		
		AHK (active real axle)	0	-	-	0		
	Body	SRS(Air bag)	0	0	-	0		
		IKE/IKI/KOMBI	0	0	0	0		
		ZKE(central body system)	0	-	-	0		
EKM (elec. Body module)		0	-	-	0			
LCM/LM (light check)		0	-	-	0			

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

	Comm. & Info.	MID (multi-information display)	0	-	-	0
	AC	IHKA/IHKR (AC/heater)	0	0	-	0
E38	Drivs	DME (engine)	0	0	0	0
		EGS (transmission)	0	0	0	0
		EML	0	0	0	0
		EWS (immobilizer)	0	-	-	0
		GR2 (cruise control)	0	-	-	0
	Chassis	ABS/ASC/DSC	0	0	0	0
		EDC (elec. Damper control)	0	-	-	0
		RDC (tire pressure)	0	-	-	0
Body	SRS(Air bag)	0	0	-	0	
	IKE/IKI/KOMBI	0	0	0	0	
E38	Body	ZKE(central body system)	0	-	-	0
		LCM (light check)	0	-	-	0
		SZM (switching center)	0	-	-	0
		XENON, left	0	-	-	0
		XENON, right	0	-	-	0
		PDC (park distance control)	0	-	-	0
		AIC/RLS (rain & light sensor)	0	-	-	0
		MFL (multi-functional steering wheel)	0	-	-	0
		SHD (sunroof)	0	-	-	0
		SM (seat memory)	0	-	-	0
		BSM (seat memory, passenger side)	0	-	-	0
		CCM (check control)	0	-	-	0
		FBZV (remote control for central lock)	0	-	-	0
		HKM (trunk lid module)	0	-	-	0
		SBE2 (seat occupation cdetection)	0	-	-	0
		SPMBT (mirror memory, passenger side)	0	-	-	0
		SPMFT (mirror memory, driver side)	0	-	-	0
		STH (additional heater)	0	-	-	0
		LWS (steering angle)	0	-	-	0
	ELV (elec. Steering)	0	-	-	0	
	Comm. & Info.	Radio	0	-	-	0
		BIT (basis-interface telephone)	0	-	-	0
		Onboard-monitor	0	-	-	0
		DSP-booster	0	-	-	0
		MID (multi-information display)	0	-	-	0
		FID (rear multi-information display)	0	-	-	0
		IRIS (integrated radio information system)	0	-	-	0
		Navigation	0	-	-	0
Navigation JAP		0	-	-	0	
Video module, graphics		0	-	-	0	
Video module, TV		0	-	-	0	
SES	0	-	-	0		
AC	IHKA/IHKR (AC/heater)	0	0	-	0	
	FGB (rear compartment blower)	0	-	-	0	
		DME (engine)	0	0	0	0

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

E31	Drivs	EGS (transmission)	0	0	0	0
		EML	0	0	0	0
		EWS (immobilizer)	0	-	-	0
	Chassis	ABS/ASC/DSC	0	0	0	0
		EDC (elec. Damper control)	0	-	-	0
	Body	SRS(Air bag)	0	0	-	0
		IKE/IKI/KOMBI	0	0	0	0
		ZKE(central body system)	0	-	-	0
		EKM (elec. Body module)	0	-	-	0
		LCM/LM (light check)	0	-	-	0
Comm. & Info.	MID (multi-information display)	0	-	-	0	
AC	IHKA/IHKR (AC/heater)	0	0	-	0	
X3	Drivs	DME (engine)	0	0	0	0
		EGS (transmission)	0	0	0	0
	Chassis	ABS/ASC/DSC	0	0	0	0
	Body	SRS(Air bag)	0	0	-	0
X3	Body	IKE/IKI/KOMBI	0	0	0	0
		ZKE(central body system)	0	-	-	0
	AC	IHKA/IHKR (AC/heater)	0	0	-	0
X5	Drivs	DME (engine)	0	0	0	0
		EGS/AGS (transmission)	0	0	0	0
		EWS (immobilizer)	0	-	-	0
		GR2	0	-	-	0
	Chassis	ABS/ASC/DSC	0	0	0	0
		EHC (elec. Height control)	0	-	-	0
		RDC (tire pressure)	0	-	-	0
	Body	SRS(Air bag)	0	0	-	0
		IKE/IKI/KOMBI	0	0	0	0
		ZKE(central body system)	0	-	-	0
		LCM (light check)	0	-	-	0
		SZM (switching center)	0	-	-	0
		XENON, left	0	-	-	0
		XENON, right	0	-	-	0
		PDC (park distance control)	0	-	-	0
		AIC/RLS (rain & light sensor)	0	-	-	0
		MFL (multi-functional steering wheel)	0	-	-	0
		SHD (sunroof)	0	-	-	0
		SM (seat memory)	0	-	-	0
		BSM (seat memory, passenger side)	0	-	-	0
		CCM (check control)	0	-	-	0
		FBZV (remote control for central lock)	0	-	-	0
FGB (rear compartment blower)	0	-	-	0		
X5	Body	HKM (trunk lid module)	0	-	-	0
		SBE2 (seat occupation cdection)	0	-	-	0
		SPMBT (mirror memory, passenger side)	0	-	-	0
		SPMFT (mirror memory, driver side)	0	-	-	0
		STH (additional heater)	0	-	-	0

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

		LWS (steering angle)	0	-	-	0
		ELV (elec. Steering)	0	-	-	0
	AC	IHKA/IHKR (AC/heater)	0	0	-	0
Z4	All System		X	X	X	X
E65	All System		X	X	X	X
E60	All System		X	X	X	X
E24	All System		X	X	X	X
E63/E64	All System		X	X	X	X
E23	All System		X	X	X	X
E52	All System		X	X	X	X
Coding/Programming			X			
SERVICE RESET			0			

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# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

## MERCEDES BENZ VER 1.07

Class	Model	Module	Engine Type	Device	DTC	CD	
A Class	A 168	Drive	Gasoline	ECM	√	√	
			Diesel	CDI	√		
C / CLK Class	C 203	Drive	Gasoline	ME2-SFI	√	√	
			Gasoline	ME-SFI	√	√	
			Diesel	CDI 2	√	√	
				TRANSMISSION	√		
		Chassis		ESP	√	√	
	Body		AB	√	√		
	C 202 (As of 06/97)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				ME2-SFI	√	√	
				ME-SFI	√	√	
				ETC	√		
		Diesel	CDI	√			
			IFI/DFI	√	√		
		Chassis		TRACTION	√	√	
		Body		BAS	√	√	
	C 202 (Up to 05/97)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				PMS	√	√	
				DM	√	√	
		Diesel	ERE/EVE/ASF	√	√		
				EGS	√		
		Chassis		TRACTION	√	√	
				BAS	√	√	
			Body		AB	√	√
		C 201	Body		AB	√	√
		CLK 209	Drive	Gasoline	ME2-SFI	√	√
	Diesel			CDI 2	√	√	
	CLK 208	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				ME2-SFI	√	√	
ME-SFI				√	√		
				TRANSMISSION	√		
Chassis			TRACTION	√	√		
			BAS	√	√		
Body		AB	√	√			
E 210 (As of 03/97)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√		
			ME2-SFI	√	√		
			ME-SFI	√	√		
		Diesel	CDI	√	√		
			IFI/DFI	√	√		
		TRANSMISSION	√				
	Chassis		TRACTION	√	√		
			BAS	√	√		
		Body		AB	√	√	
				HFM-SFI / ME2 -SFI	√	√	

# EUROPEAN CAR COVERAGE LIST

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E Class	E 210 (Up to 02/97)	Drive	Gasoline	DM	√	√
				ME 1 RE	√	√
			Diesel	ERE/EVE	√	√
		Chassis		EGS / EAG	√	
				TRACTION	√	√
				BAS	√	√
	Body		AB	√	√	
	E 124 (034/036)	Drive	Gasoline	LH1	√	√
				DM	√	√
		Chassis		ASR / ABS	√	√
	Body		AB	√	√	
	E 124	Drive	Gasoline	HFM	√	√
				PMS	√	√
				DM	√	√
		Chassis		EAG	√	
Body			AB	√	√	
S Class / CL / Maybach	S 220 (As of 09/02)	Drive	Gasoline	ME2-SFI	√	√
				ME-SFI 2.7.1	√	
		Diesel	CDI 2	√	√	
			TRANSMISSION	√		
	S 220 (Up to 08/02)	Drive	Gasoline	ME2-SFI	√	√
				ME-SFI 2.7	√	
				TRANSMISSION	√	
	S 140	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√
				LH 1	√	√
				LH 2	√	√
				DM	√	√
				ME 1 RE	√	√
				ME 1 LI		√
		Diesel	ERE	√	√	
			ASF	√	√	
		Chassis		EGS / EAG	√	
				TRACTION	√	√
	BAS			√	√	
	Body		AB	√	√	
	S 126	Body		AB	√	√
	CL 215 (As of 09/02)	Drive		ME2-SFI	√	√
				ME-SFI 2.7.1	√	
				TRANSMISSION	√	
	CL 215 (Up to 08/02)	Drive		ME2-SFI	√	√
				ME-SFI 2.7	√	
				TRANSMISSION	√	
	MAYBACH 240	Drive		ME-SFI 2.7.1	√	
TRANSMISSION				√		
SL 230	Drive	Gasoline	ME2-SFI	√	√	
			ME-SFI 2.7.1	√		
			TRANSMISSION	√		

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

SL / SLK Class	SL 129 (As of 09/99)	Drive	Gasoline	ME2-SFI	√	√	
				ME1-SFI (Right)	√	√	
				ME1-SFI (Left)		√	
				ETC	√		
		Chassis		TRACTION	√	√	
				BAS	√	√	
	Body		AB	√	√		
	SL 129 (Up to 08/99)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				LH 1	√	√	
				LH 2	√	√	
				DM	√	√	
				ME 1 RE	√	√	
				ME 1 LI		√	
		Chassis		EGS / EAG	√		
				TRACTION	√	√	
BAS				√	√		
Body			AB	√	√		
SL 107	Body		AB	√	√		
SLK 170(16Pin)	Drive		ME - SFI	√	√		
			TRANSMISSION	√			
SLK 170 (38Pin)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√		
			ME2-SFI	√	√		
			ETC	√			
	Chassis		TRACTION	√	√		
			BAS	√	√		
			Body		AB	√	√
M / G Class	M 163	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				ME2-SFI	√	√	
			Diesel	CDI 2	√	√	
			TRANSMISSION	√			
		Body		AB	√	√	
	G 463(16Pin)	Drive		Gasoline	ME2-SFI	√	√
				Diesel	CDI 2	√	√
	G 463 (38Pin)	Drive	Gasoline	HFM-SFI / ME2 -SFI	√	√	
				ME2-SFI	√	√	
				ETC	√		
		Diesel	IFI	√	√		
		Chassis		TRACTION	√	√	
	Body		AB	√	√		
	G 463 (4Pin)	Drive	Gasoline	HFM	√	√	
		Body		AB	√	√	
	G 461 (38Pin)	Drive	Diesel	CDI 2	√	√	
		Chassis		ABS	√	√	
		Body		AB	√	√	





**EUROPEAN CAR  
COVERAGE LIST**

**AUG 18 2006**

[4D]. DATA TRANSFER	√	√	√	√	√	√	√	√	√
[7D]. AUX. HEAT	√	√	√	√	√	√	√	√	√
[0E]. MEDIA PLAYER 1	√	√	√	√	√	√	√	√	√
[1E]. MEDIA PLAYER 2	√	√	√	√	√	√	√	√	√
[2E]. MEDIA PLAYER 3	√	√	√	√	√	√	√	√	√
[3E]. MEDIA PLAYER 4	√	√	√	√	√	√	√	√	√
[4E]. CONTROL HEAD RR	√	√	√	√	√	√	√	√	√
[5E]. CONTROL HEAD LR	√	√	√	√	√	√	√	√	√
[6E]. CONTROL HEAD ROOF	√	√	√	√	√	√	√	√	√
[7E]. CONTROL HEAD DASH	√	√	√	√	√	√	√	√	√
[0F]. DIGITAL RADIO	√	√	√	√	√	√	√	√	√
[1F]. SAT. TUNER	√	√	√	√	√	√	√	√	√
[2F]. DIGITAL TV	√	√	√	√	√	√	√	√	√
[4F]. CENTRAL ELECTRONICS II	√	√	√	√	√	√	√	√	√

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# EUROPEAN CAR COVERAGE LIST

SEP 7, 2006

[28]. HVAC, REAR	√	√	√	√	√	√	√	√	√
[38]. ROOF ELECTRONICS	√	√	√	√	√	√	√	√	√
[48]. SEAT, REAR, DS	√	√	√	√	√	√	√	√	√
[58]. AUX FUEL TANK	√	√	√	√	√	√	√	√	√
[68]. WIPERS	√	√	√	√	√	√	√	√	√
[78]. SLIDE DOOR, RIGHT	√	√	√	√	√	√	√	√	√
[09]. ELECTRONIC CU	√	√	√	√	√	√	√	√	√
[19]. DATA BUS DIAGNOSTIC INTERFA	√	√	√	√	√	√	√	√	√
[29]. LEFT LIGHT CONTROL	√	√	√	√	√	√	√	√	√
[39]. RIGHT LIGHT CONTROL	√	√	√	√	√	√	√	√	√
[49]. AUTOMATIC LIGHTING SWITCH	√	√	√	√	√	√	√	√	√
[59]. TOW PROTECTION	√	√	√	√	√	√	√	√	√
[69]. TRAILER CONTROL	√	√	√	√	√	√	√	√	√
[1C]. POSITION SENSING	√	√	√	√	√	√	√	√	√
[0D]. SLIDE ODDR, LEFT	√	√	√	√	√	√	√	√	√
[1D]. DRVIER IDENT.	√	√	√	√	√	√	√	√	√
[2D]. INTERCOM	√	√	√	√	√	√	√	√	√
[3D]. SPECIAL FUNCTION	√	√	√	√	√	√	√	√	√
[4D]. DATA TRANSFER	√	√	√	√	√	√	√	√	√
[7D]. AUX. HEAT	√	√	√	√	√	√	√	√	√
[0E]. MEDIA PLAYER 1	√	√	√	√	√	√	√	√	√
[1E]. MEDIA PLAYER 2	√	√	√	√	√	√	√	√	√
[2E]. MEDIA PLAYER 3	√	√	√	√	√	√	√	√	√
[3E]. MEDIA PLAYER 4	√	√	√	√	√	√	√	√	√
[4E]. CONTROL HEAD RR	√	√	√	√	√	√	√	√	√
[5E]. CONTROL HEAD LR	√	√	√	√	√	√	√	√	√
[6E]. CONTROL HEAD ROOF	√	√	√	√	√	√	√	√	√
[7E]. CONTROL HEAD DASH	√	√	√	√	√	√	√	√	√
[0F]. DIGITAL RADIO	√	√	√	√	√	√	√	√	√
[1F]. SAT. TUNER	√	√	√	√	√	√	√	√	√
[2F]. DIGITAL TV	√	√	√	√	√	√	√	√	√
[4F]. CENTRAL ELECTRONICS II	√	√	√	√	√	√	√	√	√

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# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

## VOLKSWAGEN / AUDI VER 2.12

System	DTC	DATA STREAM	ERASE	ACTUATION TEST	BASIC SETTING	RECODE	READ CHANNEL	ADAPTATION	READINESS
[01]. ENGINE	√	√	√	√	√	√	√	√	√
[11]. ENGINE 2	√	√	√	√	√	√	√	√	
[21]. ENGINE 3	√	√	√	√	√	√	√	√	
[31]. ENGINE OTHER	√	√	√	√	√	√	√	√	
[41]. DIESEL PUMP	√	√	√	√	√	√	√	√	
[51]. ELECTRIC DRIVE	√	√	√	√	√	√	√	√	
[61]. BATTERY REGUL.	√	√	√	√	√	√	√	√	
[71]. BATTERY CHARGER	√	√	√	√	√	√	√	√	
[02]. GEARBOX ELECTRONICS	√	√	√	√	√	√	√	√	
[12]. CLUTCH	√	√	√	√	√	√	√	√	
[22]. 4WD ELECTRONICS	√	√	√	√	√	√	√	√	
[32]. DIFFERENTIAL LOCKS	√	√	√	√	√	√	√	√	
[42]. DOOR ELECTRONICS DRIVER	√	√	√	√	√	√	√	√	
[52]. DOOR ELECTRONICS PASS.	√	√	√	√	√	√	√	√	
[62]. DOOR, REAR LEFT	√	√	√	√	√	√	√	√	
[72]. DOOR, REAR RIGHT	√	√	√	√	√	√	√	√	
[03]. ABS	√	√	√	√	√	√	√	√	
[13]. DISTANCE CONTROL	√	√	√	√	√	√	√	√	
[23]. BRAKE BOOSTER	√	√	√	√	√	√	√	√	
[43]. BRAKE ASSIST	√	√	√	√	√	√	√	√	
[53]. PARKING BRAKE	√	√	√	√	√	√	√	√	
[63]. ENTRY ASSIST, D	√	√	√	√	√	√	√	√	
[73]. ENTRY ASSIST, P	√	√	√	√	√	√	√	√	
[14]. WHEEL DAMPING ELECTRONICS	√	√	√	√	√	√	√	√	
[24]. DRIVE SLIP CONTROL	√	√	√	√	√	√	√	√	
[34]. SELF LEVELING SUSPENSION	√	√	√	√	√	√	√	√	
[44]. STEERING ASSISTANCE	√	√	√	√	√	√	√	√	
[54]. REAR SPOILER	√	√	√	√	√	√	√	√	
[64]. STABILIZERS	√	√	√	√	√	√	√	√	
[05]. ACC/START AUTH.	√	√	√	√	√	√	√	√	
[15]. AIRBAG	√	√	√	√	√	√	√	√	
[25]. IMMOBILIZER	√	√	√	√	√	√	√	√	
[35]. CENTRAL LOCKING	√	√	√	√	√	√	√	√	
[45]. INTERIOR SCANNING	√	√	√	√	√	√	√	√	
[55]. HEADLIGHT RANGE CONTROL	√	√	√	√	√	√	√	√	
[65]. TYRE PRESSURE MONITORING	√	√	√	√	√	√	√	√	
[75]. EMERGENCY CALL MODULE	√	√	√	√	√	√	√	√	
[06]. SEAT MEM. PASSENGER	√	√	√	√	√	√	√	√	
[16]. STEERING WHEEL ELECTRONIC	√	√	√	√	√	√	√	√	
[26]. ELECTRIC ROOF CONTROL	√	√	√	√	√	√	√	√	
[36]. DRIVER'S SIDE SEAT ADJ.	√	√	√	√	√	√	√	√	
[46]. CENTRAL MODULE CONVEN. SYS.	√	√	√	√	√	√	√	√	
[56]. RADIO	√	√	√	√	√	√	√	√	
[66]. SEAT-/MIRROR ADJUST.	√	√	√	√	√	√	√	√	

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

[76]. PARKING AID	√	√	√	√	√	√	√	√	
[07]. CONTROL HEAD	√	√	√	√	√	√	√	√	
[17]. DASH PANEL INSERT	√	√	√	√	√	√	√	√	
[27]. INSTRUMENTS	√	√	√	√	√	√	√	√	
[37]. NAVIGATION	√	√	√	√	√	√	√	√	
[47]. SOUNDSYSTEM	√	√	√	√	√	√	√	√	
[57]. TV TUNER	√	√	√	√	√	√	√	√	
[67]. LANGUAGE CONTROL	√	√	√	√	√	√	√	√	
[77]. TELEPHONE	√	√	√	√	√	√	√	√	
[08]. AC/HEATING ELECTRONICS	√	√	√	√	√	√	√	√	
[18]. AUX. HEATING	√	√	√	√	√	√	√	√	
[28]. HVAC, REAR	√	√	√	√	√	√	√	√	
[38]. ROOF ELECTRONICS	√	√	√	√	√	√	√	√	
[48]. SEAT, REAR, DS	√	√	√	√	√	√	√	√	
[58]. AUX FUEL TANK	√	√	√	√	√	√	√	√	
[68]. WIPERS	√	√	√	√	√	√	√	√	
[78]. SLIDE DOOR, RIGHT	√	√	√	√	√	√	√	√	
[09]. ELECTRONIC CU	√	√	√	√	√	√	√	√	
[19]. DATA BUS DIAGNOSTIC INTERFACE	√	√	√	√	√	√	√	√	
[29]. LEFT LIGHT CONTROL	√	√	√	√	√	√	√	√	
[39]. RIGHT LIGHT CONTROL	√	√	√	√	√	√	√	√	
[49]. AUTOMATIC LIGHTING SWITCH	√	√	√	√	√	√	√	√	
[59]. TOW PROTECTION	√	√	√	√	√	√	√	√	
[69]. TRAILER CONTROL	√	√	√	√	√	√	√	√	
[1C]. POSITION SENSING	√	√	√	√	√	√	√	√	
[0D]. SLIDE ODDR, LEFT	√	√	√	√	√	√	√	√	
[1D]. DRVIER IDENT.	√	√	√	√	√	√	√	√	
[2D]. INTERCOM	√	√	√	√	√	√	√	√	
[3D]. SPECIAL FUNCTION	√	√	√	√	√	√	√	√	
[4D]. DATA TRANSFER	√	√	√	√	√	√	√	√	
[7D]. AUX. HEAT	√	√	√	√	√	√	√	√	
[0E]. MEDIA PLAYER 1	√	√	√	√	√	√	√	√	
[1E]. MEDIA PLAYER 2	√	√	√	√	√	√	√	√	
[2E]. MEDIA PLAYER 3	√	√	√	√	√	√	√	√	
[3E]. MEDIA PLAYER 4	√	√	√	√	√	√	√	√	
[4E]. CONTROL HEAD RR	√	√	√	√	√	√	√	√	
[5E]. CONTROL HEAD LR	√	√	√	√	√	√	√	√	
[6E]. CONTROL HEAD ROOF	√	√	√	√	√	√	√	√	
[7E]. CONTROL HEAD DASH	√	√	√	√	√	√	√	√	
[0F]. DIGITAL RADIO	√	√	√	√	√	√	√	√	
[1F]. SAT. TUNER	√	√	√	√	√	√	√	√	
[2F]. DIGITAL TV	√	√	√	√	√	√	√	√	
[4F]. CENTRAL ELECTRONICS II	√	√	√	√	√	√	√	√	

## PEUGEOT VER 1.05

Model Name	Engine	Transmission	ABS	SRS
106REMODELAGE	√	√	√	√
206	√	√	√	√
306REMODELAGE	√	√	√	√
307	√	√	√	√
406	√	√	√	√
NOUVELLE406	√	√	√	√
COUPE406	√	√	√	√
607	√	√	√	√
806	√	√	√	√
807	√	√	√	√
EXPERT	√	√	√	√
BOXER	√	√	√	√
PARTNER	√	√	√	√

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# EUROPEAN CARS COVERAGE LIST

AUG 18 2006

## RENAULT VER1.40

( Renault software covers until early MY 2004 year model. )

No.	MODEL	Model Series	SYSTEM	Sub System	D. T. C	CURRENT DATA	ACTUATOR TEST	CALIBRATION DATA	
1	AVANTIME		ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√			
			INTERCONNECTION UNIT		√	√	√		
			DISCHARGE LAMP		√	√	√		
HEATER		√	√	√					
2	CLIO	CLIO	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			IMMOBILIZER		√	√	√		
		CONTROLLED CLUTCH		√	√				
		CLIO II	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
				LPG	√	√	Δ		
			AUTO TRANSMISSION		√	√	Δ		
			AIRBAG		√	√	√		
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√	√		
			INTERCONNECTION UNIT		√	√	√		
		CLIO II PHASE 2/3	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
				LPG	√	√	Δ		
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√			
			VARIABLE P.A.S		√	√			
			INTERCONNECTION UNIT		√	√	√		
			DISCHARGE LAMP		√	√	√		
			CLIO V6	ENGINE	GASOLINE	√	√	√	
				AIRBAG		√	√	√	
		AIR CONDITIONING			√	√	√		
		INTERCONNECTION UNIT			√	√	√		
CLIO V6 PHASE 2	ENGINE	GASOLINE	√	√	√				
	AIRBAG		√	√					
	AIR CONDITIONING		√	√	√				
	IMMOBILIZER		√	√					
	INTERCONNECTION UNIT		√	√	√				
3	ESPACE	ESPACE	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
			AUTO TRANSMISSION		√	√	Δ		
			AIRBAG		√	√	Δ		
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√	√		
			DOOR MANAGEMENT		√	√			
		DISCHARGE LAMP		√	√	√			
		HEATER		√	√	√			
		ESPACE IV	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			VARIABLE P.A.S		√	√			
			INSTRUMENT PANEL		√	√			
			IMMOBILIZER		√	√	√		
			INTERCONNECTION UNIT		√	√	√		
DOOR MANAGEMENT			√	√	√				
DISCHARGE LAMP			√	√	√				

# EUROPEAN CARS COVERAGE LIST

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			TYRES		√	√	√		
			PARKING ASSISTANCE		√	√	√		
			HEATER		√	√	√		
			DISTANCE CONTROL		√	√	√		
			PARKING BRAKE		√	√	√		
4	EXTRA		ENGINE	GASOLINE	√	√	√		
			AUTO TRANSMISSION		√	√			
			AIRBAG		√	√			
			IMMOBILIZER		√	√	√		
			CONTROLLED CLUTCH		√	√			
5	KANGOO	KANGOO	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√	√	
				LPG	√	√	Δ		
				AUTO TRANSMISSION	√	√	√		
				AIRBAG	√	√	Δ		
				ABS	√	√			
				AIR CONDITIONING	√	√	√		
				IMMOBILIZER	√	√	√		
				INTERCONNECTION UNIT	√	√	√		
				SUPERVISOR	√	√			
				INVERTER	√	√			
				HEATER	√	√	√		
		KANGOO MUX	ENGINE	GASOLINE	√	√	√		
	DIESEL			√	√	√	√		
	LPG			√	√	Δ			
			AUTO TRANSMISSION	√	√	√			
			AIRBAG	√	√	Δ			
		ABS	√	√					
		IMMOBILIZER	√	√					
		INTERCONNECTION UNIT	√	√	√				
	6	LAGUNA	LAGUNA	ENGINE	GASOLINE	√	√	√	
DIESEL					√	√	√	√	
				AUTO TRANSMISSION	√	√			
				AIRBAG	√	√			
				ABS	√	√			
				AIR CONDITIONING	√	√	√		
				IMMOBILIZER	√	√	√		
				VARIABLE P.A.S	√	√	√		
				DRIVER'S POSITION	√	√			
			INSTRUMENT PANEL	√	√	√			
			ALARM	√	√	√			
			LAGUNA PHASE 2	ENGINE	GASOLINE	√	√	√	
DIESEL					√	√	√	√	
LPG					√	√			
				AUTO TRANSMISSION	√	√			
				AIRBAG	√	√	Δ		
				ABS	√	√			
				AIR CONDITIONING	√	√	√		
		IMMOBILIZER		√	√	√			
		VARIABLE P.A.S		√	√	√			
		DRIVER'S POSITION	√	√					
		INSTRUMENT PANEL	√	√	√				
		LAGUNA II	ENGINE	GASOLINE	√	√	√		
DIESEL				√	√	√	√		
LPG				√	√	√			
			AUTO TRANSMISSION	√	√	√			
			AIRBAG	√	√				
			ABS	√	√				
			AIR CONDITIONING	√	√	√			
			IMMOBILIZER	√	√	√			
	VARIABLE P.A.S		√	√					
	INSTRUMENT PANEL		√	√	√				
	INTERCONNECTION UNIT		√	√	√				
	DOOR MANAGEMENT	√	√	√					
	DISCHARGE LAMP	√	√	√					
	TYRES	√	√	√					
	PARKING ASSISTANCE	√	√	√					
	HEATER	√	√	√					
	ENGINE	DIESEL	√	√	√	√			

**EUROPEAN CARS  
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7	MASTER	MASTER	AIRBAG		√	√	Δ		
			ABS		√	√			
			IMMOBILIZER		√	√	√		
			PILOTED SUSPENSION		√	√	√		
			INTERCONNECTION UNIT		√	√	√		
		MASTER PHASE 2	ENGINE	DIESEL	√	√	√	√	
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			IMMOBILIZER		√	√			
			PILOTED SUSPENSION		√	√	√		
			INTERCONNECTION UNIT		√	√	√		
			PARKING ASSISTANCE		√	√	√		
		MASTER RWD	ADAPTATION UNIT		√	√	√		
			AIRBAG		√	√	√		
	IMMOBILIZER			√	√	√			
	MASTER PRO. PHASE 2	INTERCONNECTION UNIT		√	√	√			
		ENGINE	DIESEL	√	√	√	√		
		AIRBAG		√	√				
		ABS		√	√				
IMMOBILIZER			√	√					
8	MEGANE	ENGINE	GASOLINE	√	√	√			
			DIESEL	√	√	√	√		
			LPG	√	√	√			
		AUTO TRANSMISSION		√	√	Δ			
		AIRBAG		√	√				
		ABS		√	√				
		AIR CONDITIONING		√	√	√			
		IMMOBILIZER		√	√				
		DRIVER'S POSITION		√	√				
		CONTROLLED CLUTCH		√	√	√			
		INTERCONNECTION UNIT		√	√				
		HOOD CONTROL		√	√	√			
		TYRES		√	√	√			
		9	R19	ENGINE	GASOLINE	√	√	√	
				AUTO TRANSMISSION		√	√		
IMMOBILIZER				√	√	√			
10	SAFRANE	ENGINE	GASOLINE	√	√	√			
			DIESEL	√	√	√	√		
		AUTO TRANSMISSION		√	√				
		AIRBAG		√	√				
		ABS		√	√				
		IMMOBILIZER		√	√	√			
		VARIABLE P.A.S		√	√	√			
		DRIVER'S POSITION		√	√				
		INSTRUMENT PANEL		√	√	√			
		ALARM		√	√	√			
		DOOR MANAGEMENT		√	√				
		DISCHARGE LAMP		√	√	√			
11	SCENIC	ENGINE	GASOLINE	√	√	√			
			DIESEL	√	√	√	√		
			LPG	√	√	√			
		AUTO TRANSMISSION		√	√	√			
		AIRBAG		√	√				
		ABS		√	√				
		AIR CONDITIONING		√	√	√			
		IMMOBILIZER		√	√				
		DRIVER'S POSITION		√	√				
		CONTROLLED CLUTCH		√	√	√			
		INTERCONNECTION UNIT		√	√				
		HOOD CONTROL		√	√	√			
TYRES		√	√	√					
12	SPIDER	ENGINE	GASOLINE	√	√	√			
		AIRBAG		√	√				
		IMMOBILIZER		√	√				
13	THALIA/SYMBRI	ENGINE	GASOLINE	√	√	√			
		DIESEL	√	√	√	√			
		AUTO TRANSMISSION		√	√	Δ			
AIRBAG		√	√	√					

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			ABS		√	√					
			AIR CONDITIONING		√	√	√				
			IMMOBILIZER		√	√	√				
			INTERCONNECTION UNIT		√	√	√				
14	TRAFIC	TRAFIC	ENGINE	DIESEL	√	√	√	√			
			AIRBAG		√	√					
			IMMOBILIZER		√	√	√				
	TRAFIC II	ENGINE	GASOLINE	√	√	√					
		AUTO TRANSMISSION	DIESEL	√	√	√	√				
		AIRBAG		√	√						
		ABS		√	√						
		IMMOBILIZER		√	√						
		INTERCONNECTION UNIT		√	√	√					
		HEATER		√	√	√					
15	TWINGO	TWINGO	ENGINE	GASOLINE	√	√	√				
			AUTO TRANSMISSION		√	√					
			AIRBAG		√	√					
			ABS		√	√					
			IMMOBILIZER		√	√					
			CONTROLLED CLUTCH		√	√					
			INTERCONNECTION UNIT		√	√	√				
	TWINGO PHASE 2	ENGINE	GASOLINE	√	√	√					
		AUTO TRANSMISSION	LPG	√	√	Δ					
		AIRBAG		√	√						
		ABS		√	√						
		IMMOBILIZER		√	√	Δ					
		CONTROLLED CLUTCH		√	√						
		INTERCONNECTION UNIT		√	√	√					
16	VEL SATIS		ENGINE	GASOLINE	√	√	√				
			AUTO TRANSMISSION	DIESEL	√	√	√	√			
			AIRBAG		√	√					
			ABS		√	√					
			AIR CONDITIONING		√	√	√				
			IMMOBILIZER		√	√	√				
			VARIABLE P.A.S		√	√					
			INSTRUMENT PANEL		√	√					
			INTERCONNECTION UNIT		√	√	√				
			DOOR MANAGEMENT		√	√	√				
			DISCHARGE LAMP		√	√	√				
			PARKING ASSISTANCE		√	√	√				
			HEATER		√	√	√				
			DISTANCE CONTROL		√	√	√				
			PARKING BRAKE		√	√	√				
			17	MODUS		ENGINE		√	√	√	
						AUTO TRANSMISSION		√	√	√	
AIRBAG		√				√					
ABS		√				√	Δ				
AIR CONDITIONING		√				√	√				
INSTRUMENT PANEL		√				√	√				
VARIABLE P.A.S		√				√					
UPC						√					
18	MEGANE II		ENGINE		√	Δ	√				
			AUTO TRANSMISSION		√	√	√				
			AIRBAG		√	√					
			ABS		√	√	√				
			AIR CONDITIONING		√	√					
			INSTRUMENT PANEL		√	√	√				
			VARIABLE P.A.S		√	√					
			SUNROOF CONTROL UNIT		√	√	√				
			PARKING ASSISTANCE		√	√					
			UPC			√	√				
			DISCHARGE LAMP			√					
			LEFT COSLAD			√					
RIGHT COSLAD			√								
			ENGINE		√	Δ	√				
			AUTO TRANSMISSION		√	√	√				

**EUROPEAN CARS  
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**AUG 18 2006**

19	SCENIC II	AIRBAG		√	√		
		ABS		√	√	√	
		AIR CONDITIONING		√	√		
		INSTRUMENT PANEL		√	√	Δ	
		VARIABLE P.A.S		√	√		
		PARKING ASSISTANCE		√	√		
		PARKING BRAKE		√	√	√	
		UPC			√	√	

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# EUROPEAN CAR COVERAGE LIST

SEP 7,2006

**RENAULT VER1.40**

( Renault software covers until early MY 2004 year model. )

No.	MODEL	Model Series	SYSTEM	Sub System	D. T. C	CURRENT DATA	ACTUATOR TEST	CALIBRATION DATA
1	AVANTIME		ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√		
			INTERCONNECTION UNIT		√	√	√	
			DISCHARGE LAMP		√	√	√	
			HEATER		√	√	√	
2	CLIO	CLIO	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√		
			AIRBAG		√	√		
			IMMOBILIZER		√	√	√	
		CLIO II	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
				LPG	√	√	Δ	
			AUTO TRANSMISSION		√	√	Δ	
			AIRBAG		√	√	√	
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√	√	
			INTERCONNECTION UNIT		√	√	√	
		CLIO II PHASE 2/3	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
				LPG	√	√	Δ	
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√		
			VARIABLE P.A.S		√	√		
			INTERCONNECTION UNIT		√	√	√	
		CLIO V6	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√	√	
			INTERCONNECTION UNIT		√	√	√	
		CLIO V6 PHASE 2	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	
AIRBAG			√	√				
INTERCONNECTION UNIT			√	√	√			
3	ESPACE	ESPACE	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√	Δ	
			AIRBAG		√	√	Δ	
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√	√	
			DOOR MANAGEMENT		√	√		
			DISCHARGE LAMP		√	√	√	
		HEATER		√	√	√		
		ESPACE IV	ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			VARIABLE P.A.S		√	√		
			INSTRUMENT PANEL		√	√		
IMMOBILIZER			√	√	√			
INTERCONNECTION UNIT		√	√	√				
DOOR MANAGEMENT		√	√	√				
DISCHARGE LAMP		√	√	√				

# EUROPEAN CAR COVERAGE LIST

SEP 7,2006

			TYRES		√	√	√				
			PARKING ASSISTANCE		√	√	√				
			HEATER		√	√	√				
			DISTANCE CONTROL		√	√	√				
			PARKING BRAKE		√	√	√				
4	EXTRA		ENGINE	GASOLINE	√	√	√				
			AUTO TRANSMISSION		√	√					
			AIRBAG		√	√					
			IMMOBILIZER		√	√	√				
			CONTROLLED CLUTCH		√	√					
5	KANGOO	KANGOO	ENGINE	GASOLINE	√	√	√				
				DIESEL	√	√	√	√			
				LPG	√	√	Δ				
			AUTO TRANSMISSION		√	√	√				
			AIRBAG		√	√	Δ				
			ABS		√	√					
			AIR CONDITIONING		√	√	√				
			IMMOBILIZER		√	√	√				
			INTERCONNECTION UNIT		√	√	√				
			SUPERVISOR		√	√					
			INVERTER		√	√					
			HEATER		√	√	√				
			KANGOO MUX			ENGINE	GASOLINE	√	√	√	
	DIESEL	√					√	√	√		
	LPG	√					√	Δ			
	AUTO TRANSMISSION					√	√	√			
	AIRBAG					√	√	Δ			
	ABS					√	√				
	IMMOBILIZER					√	√				
	INTERCONNECTION UNIT		√	√	√						
6	LAGUNA	LAGUNA	ENGINE	GASOLINE	√	√	√				
				DIESEL	√	√	√	√			
			AUTO TRANSMISSION		√	√					
			AIRBAG		√	√					
			ABS		√	√					
			AIR CONDITIONING		√	√	√				
			IMMOBILIZER		√	√	√				
			VARIABLE P.A.S		√	√	√				
			DRIVER'S POSITION		√	√					
			INSTRUMENT PANEL		√	√	√				
			ALARM		√	√	√				
			LAGUNA PHASE 2			ENGINE	GASOLINE	√	√	√	
							DIESEL	√	√	√	√
							LPG	√	√		
	AUTO TRANSMISSION					√	√				
	AIRBAG					√	√	Δ			
	ABS					√	√				
	AIR CONDITIONING					√	√	√			
	IMMOBILIZER					√	√	√			
	VARIABLE P.A.S					√	√	√			
	DRIVER'S POSITION		√	√							
	INSTRUMENT PANEL		√	√	√						
	LAGUNA II			ENGINE	GASOLINE	√	√	√			
					DIESEL	√	√	√	√		
					LPG	√	√	√			
				AUTO TRANSMISSION		√	√	√			
				AIRBAG		√	√				
ABS					√	√					
AIR CONDITIONING					√	√	√				
IMMOBILIZER					√	√	√				
VARIABLE P.A.S					√	√					
INSTRUMENT PANEL					√	√	√				
INTERCONNECTION UNIT					√	√	√				
DOOR MANAGEMENT					√	√	√				
DISCHARGE LAMP					√	√	√				
TYRES					√	√	√				
PARKING ASSISTANCE		√	√	√							
HEATER		√	√	√							
			ENGINE	DIESEL	√	√	√	√			

# EUROPEAN CAR COVERAGE LIST

SEP 7,2006

7	MASTER	AIRBAG		√	√	Δ	
		ABS		√	√		
		IMMOBILIZER		√	√	√	
		PILOTED SUSPENSION		√	√	√	
		INTERCONNECTION UNIT		√	√	√	
	MASTER PHASE 2	ENGINE	DIESEL	√	√	√	√
		AUTO TRANSMISSION		√	√	√	
		AIRBAG		√	√		
		ABS		√	√		
		IMMOBILIZER		√	√		
		PILOTED SUSPENSION		√	√	√	
		INTERCONNECTION UNIT		√	√	√	
		PARKING ASSISTANCE ADAPTATION UNIT		√	√	√	
	MASTER RWD	AIRBAG		√	√	√	
		IMMOBILIZER		√	√	√	
		INTERCONNECTION UNIT		√	√	√	
	MASTER PRO. PHASE 2	ENGINE	DIESEL	√	√	√	√
		AIRBAG		√	√		
		ABS		√	√		
		IMMOBILIZER		√	√		
INTERCONNECTION UNIT			√	√	√		
8	MEGANE	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	√
			LPG	√	√	√	
		AUTO TRANSMISSION		√	√	Δ	
		AIRBAG		√	√		
		ABS		√	√		
		AIR CONDITIONING		√	√	√	
		IMMOBILIZER		√	√		
		DRIVER'S POSITION		√	√		
		CONTROLLED CLUTCH		√	√	√	
		INTERCONNECTION UNIT		√	√		
		HOOD CONTROL		√	√	√	
		TYRES		√	√	√	
9	R19	ENGINE	GASOLINE	√	√	√	
		AUTO TRANSMISSION		√	√		
		IMMOBILIZER		√	√	√	
10	SAFRANE	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	√
		AUTO TRANSMISSION		√	√		
		AIRBAG		√	√		
		ABS		√	√		
		IMMOBILIZER		√	√	√	
		VARIABLE P.A.S		√	√	√	
		DRIVER'S POSITION		√	√		
		INSTRUMENT PANEL		√	√	√	
		ALARM		√	√	√	
		DOOR MANAGEMENT		√	√		
		DISCHARGE LAMP		√	√	√	
11	SCENIC	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	√
			LPG	√	√	√	
		AUTO TRANSMISSION		√	√	√	
		AIRBAG		√	√		
		ABS		√	√		
		AIR CONDITIONING		√	√	√	
		IMMOBILIZER		√	√		
		DRIVER'S POSITION		√	√		
		CONTROLLED CLUTCH		√	√	√	
		INTERCONNECTION UNIT		√	√		
		HOOD CONTROL		√	√	√	
TYRES		√	√	√			
12	SPIDER	ENGINE	GASOLINE	√	√	√	
		AIRBAG		√	√		
		IMMOBILIZER		√	√		
		ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	√
		AUTO TRANSMISSION		√	√	Δ	

# EUROPEAN CAR COVERAGE LIST

SEP 7,2006

13	THALIA/SYMBL		AIRBAG		√	√	√	
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√	√	
			INTERCONNECTION UNIT		√	√	√	
14	TRAFIC	TRAFIC	ENGINE	DIESEL	√	√	√	√
			AIRBAG		√	√		
			IMMOBILIZER		√	√	√	
		TRAFIC II	ENGINE	GASOLINE	√	√	√	
			AUTO TRANSMISSION	DIESEL	√	√	√	√
			AIRBAG		√	√		
			ABS		√	√		
			IMMOBILIZER		√	√		
			INTERCONNECTION UNIT		√	√	√	
			HEATER		√	√	√	
15	TWINGO	TWINGO	ENGINE	GASOLINE	√	√	√	
			AUTO TRANSMISSION		√	√		
			AIRBAG		√	√		
			ABS		√	√		
			IMMOBILIZER		√	√		
			CONTROLLED CLUTCH		√	√		
			INTERCONNECTION UNIT		√	√	√	
		TWINGO PHASE 2	ENGINE	GASOLINE	√	√	√	
				LPG	√	√	Δ	
			AUTO TRANSMISSION		√	√	Δ	
			AIRBAG		√	√		
			ABS		√	√		
			IMMOBILIZER		√	√	Δ	
16	VEL SATIS		ENGINE	GASOLINE	√	√	√	
				DIESEL	√	√	√	√
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√		
			AIR CONDITIONING		√	√	√	
			IMMOBILIZER		√	√	√	
			VARIABLE P.A.S		√	√		
			INSTRUMENT PANEL		√	√		
			INTERCONNECTION UNIT		√	√	√	
			DOOR MANAGEMENT		√	√	√	
			DISCHARGE LAMP		√	√	√	
			PARKING ASSISTANCE		√	√	√	
			HEATER		√	√	√	
			DISTANCE CONTROL		√	√	√	
17	MODUS		ENGINE		√	√	√	
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√	Δ	
			AIR CONDITIONING		√	√	√	
			INSTRUMENT PANEL		√	√	√	
			VARIABLE P.A.S		√	√		
			UPC			√		
18	MEGANE II		ENGINE		√	Δ	√	
			AUTO TRANSMISSION		√	√	√	
			AIRBAG		√	√		
			ABS		√	√	√	
			AIR CONDITIONING		√	√		
			INSTRUMENT PANEL		√	√	√	
			VARIABLE P.A.S		√	√		
			SUNROOF CONTROL UNIT		√	√	√	
			PARKING ASSISTANCE		√	√		
			UPC			√	√	
			DISCHARGE LAMP			√		
			LEFT COSLAD			√		
			RIGHT COSLAD			√		
	ENGINE		√	Δ	√			

**EUROPEAN CAR  
COVERAGE LIST**

**SEP 7,2006**

19	SCENIC II	AUTO TRANSMISSION	√	√	√	
		AIRBAG	√	√		
		ABS	√	√	√	
		AIR CONDITIONING	√	√		
		INSTRUMENT PANEL	√	√	Δ	
		VARIABLE P.A.S	√	√		
		PARKING ASSISTANCE	√	√		
		PARKING BRAKE	√	√	√	
		UPC		√	√	

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## EUROPEAN CAR COVERAGE LIST

### RENAULT VER 1.31

( Renault software covers until early MY 2004 year model. )

No.	MODEL	Model Series	SYSTEM	Sub System	D. T. C	CURRENT DATA	ACTUATOR TEST		
1	AVANTIME		ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√			
			INTERCONNECTION UNIT		√	√	√		
			DISCHARGE LAMP		√	√	√		
2	CLIO	CLIO	ENGINE	GASOLINE	√	√	√		
			AUTO TRANSMISSION		√	√			
			AIRBAG		√	√			
			IMMOBILIZER		√	√	√		
			CONTROLLED CLUTCH		√	√			
		CLIO II	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				LPG	√	√	Δ		
			AUTO TRANSMISSION		√	√	Δ		
			AIRBAG		√	√	√		
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√	√		
			INTERCONNECTION UNIT		√	√	√		
		CLIO II PHASE 2/3	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				LPG	√	√	Δ		
			AUTO TRANSMISSION		√	√	√		
			AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√			
			VARIABLE P.A.S		√	√			
			INTERCONNECTION UNIT		√	√	√		
		CLIO V6	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				LPG	√	√	Δ		
			AUTO TRANSMISSION		√	√	√		
		CLIO V6 PHASE 2	AIRBAG		√	√			
			ABS		√	√			
			AIR CONDITIONING		√	√	√		
			IMMOBILIZER		√	√			
			INTERCONNECTION UNIT		√	√	√		
		3	ESPACE	ESPACE	ENGINE	GASOLINE	√	√	√
						DIESEL	√	√	√
					AUTO TRANSMISSION		√	√	Δ
AIRBAG					√	√	Δ		
ABS					√	√			
AIR CONDITIONING					√	√	√		
IMMOBILIZER					√	√	√		
DOOR MANAGEMENT					√	√			
DISCHARGE LAMP					√	√	√		
HEATER				√	√	√			
ESPACE IV	ENGINE			GASOLINE	√	√	√		
				DIESEL	√	√	√		
	AUTO TRANSMISSION				√	√	√		
	AIRBAG				√	√			
	ABS				√	√			
	AIR CONDITIONING				√	√	√		
	VARIABLE P.A.S				√	√			
	INSTRUMENT PANEL				√	√			
	IMMOBILIZER				√	√	√		
	INTERCONNECTION UNIT				√	√	√		
	DOOR MANAGEMENT				√	√	√		
	DISCHARGE LAMP				√	√	√		

**EUROPEAN CAR  
COVERAGE LIST**

			TYRES		√	√	√		
			PARKING ASSISTANCE		√	√	√		
			HEATER		√	√	√		
			DISTANCE CONTROL		√	√	√		
			PARKING BRAKE		√	√	√		
4	EXTRA		ENGINE	GASOLINE	√	√	√		
			AUTO TRANSMISSION		√	√			
			AIRBAG		√	√			
			IMMOBILIZER		√	√	√		
			CONTROLLED CLUTCH		√	√			
5	KANGOO	KANGOO	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				LPG	√	√	Δ		
				AUTO TRANSMISSION	√	√	√		
				AIRBAG	√	√	Δ		
				ABS	√	√			
				AIR CONDITIONING	√	√	√		
				IMMOBILIZER	√	√	√		
				INTERCONNECTION UNIT	√	√	√		
				SUPERVISOR	√	√			
				INVERTER	√	√			
				HEATER	√	√	√		
				KANGOO MUX	ENGINE	GASOLINE	√	√	√
		DIESEL	√			√	√		
		LPG	√			√	Δ		
		AUTO TRANSMISSION	√		√	√			
		AIRBAG	√		√	Δ			
		ABS	√	√					
		IMMOBILIZER	√	√					
		INTERCONNECTION UNIT	√	√	√				
6	LAGUNA	LAGUNA	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				AUTO TRANSMISSION	√	√			
				AIRBAG	√	√			
				ABS	√	√			
				AIR CONDITIONING	√	√	√		
				IMMOBILIZER	√	√	√		
				VARIABLE P.A.S	√	√	√		
				DRIVER'S POSITION	√	√			
				INSTRUMENT PANEL	√	√	√		
				ALARM	√	√	√		
				LAGUNA PHASE 2	ENGINE	GASOLINE	√	√	√
						DIESEL	√	√	√
						LPG	√	√	
					AUTO TRANSMISSION	√	√		
		AIRBAG	√		√	Δ			
		ABS	√		√				
		AIR CONDITIONING	√		√	√			
		IMMOBILIZER	√	√	√				
		VARIABLE P.A.S	√	√	√				
		DRIVER'S POSITION	√	√					
		INSTRUMENT PANEL	√	√	√				
		LAGUNA II	ENGINE	GASOLINE	√	√	√		
				DIESEL	√	√	√		
				LPG	√	√	√		
			AUTO TRANSMISSION	√	√	√			
			AIRBAG	√	√				
			ABS	√	√				
			AIR CONDITIONING	√	√	√			
			IMMOBILIZER	√	√	√			
	VARIABLE P.A.S		√	√					
	INSTRUMENT PANEL		√	√	√				
	INTERCONNECTION UNIT		√	√	√				
	DOOR MANAGEMENT		√	√	√				
	DISCHARGE LAMP		√	√	√				
	TYRES		√	√	√				
	PARKING ASSISTANCE		√	√	√				
	HEATER	√	√	√					
	ENGINE	DIESEL	√	√	√				

**EUROPEAN CAR  
COVERAGE LIST**

7	MASTER	MASTER	AIRBAG		√	√	Δ
			ABS		√	√	
			IMMOBILIZER		√	√	√
			PILOTED SUSPENSION		√	√	√
		MASTER PHASE 2	INTERCONNECTION UNIT		√	√	√
			ENGINE	DIESEL	√	√	√
			AUTO TRANSMISSION		√	√	√
			AIRBAG		√	√	
			ABS		√	√	
			IMMOBILIZER		√	√	
			PILOTED SUSPENSION		√	√	√
			INTERCONNECTION UNIT		√	√	√
			PARKING ASSISTANCE		√	√	√
			ADAPTATION UNIT		√	√	√
		MASTER RWD	AIRBAG		√	√	√
			IMMOBILIZER		√	√	√
			INTERCONNECTION UNIT		√	√	√
		MASTER PRO. PHASE 2	ENGINE	DIESEL	√	√	√
			AIRBAG		√	√	
			ABS		√	√	
IMMOBILIZER			√	√			
8	MEGANE	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	
			LPG	√	√	√	
		AUTO TRANSMISSION		√	√	Δ	
		AIRBAG		√	√		
		ABS		√	√		
		AIR CONDITIONING		√	√	√	
		IMMOBILIZER		√	√		
		DRIVER'S POSITION		√	√		
		CONTROLLED CLUTCH		√	√	√	
		INTERCONNECTION UNIT		√	√		
		HOOD CONTROL		√	√	√	
		TYRES		√	√	√	
		9	R19	ENGINE	GASOLINE	√	√
AUTO TRANSMISSION				√	√		
IMMOBILIZER				√	√	√	
10	SAFRANE	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	
		AUTO TRANSMISSION		√	√		
		AIRBAG		√	√		
		ABS		√	√		
		IMMOBILIZER		√	√	√	
		VARIABLE P.A.S		√	√	√	
		DRIVER'S POSITION		√	√		
		INSTRUMENT PANEL		√	√	√	
		ALARM		√	√	√	
		DOOR MANAGEMENT		√	√		
DISCHARGE LAMP		√	√	√			
11	SCENIC	ENGINE	GASOLINE	√	√	√	
			DIESEL	√	√	√	
			LPG	√	√	√	
		AUTO TRANSMISSION		√	√	√	
		AIRBAG		√	√		
		ABS		√	√		
		AIR CONDITIONING		√	√	√	
		IMMOBILIZER		√	√		
		DRIVER'S POSITION		√	√		
		CONTROLLED CLUTCH		√	√	√	
		INTERCONNECTION UNIT		√	√		
HOOD CONTROL		√	√	√			
TYRES		√	√	√			
12	SPIDER	ENGINE	GASOLINE	√	√	√	
		AIRBAG		√	√		
		IMMOBILIZER		√	√		
		ENGINE	GASOLINE	√	√	√	
		AUTO TRANSMISSION		√	√	Δ	

**EUROPEAN CAR  
COVERAGE LIST**

13	THALIA/SYMBL		AIRBAG		√	√	√
			ABS		√	√	
			AIR CONDITIONING		√	√	√
			IMMOBILIZER		√	√	√
			INTERCONNECTION UNIT		√	√	√
14	TRAFIC	TRAFIC	ENGINE	DIESEL	√	√	√
			AIRBAG		√	√	
			IMMOBILIZER		√	√	√
		TRAFIC II	ENGINE	GASOLINE	√	√	√
			AUTO TRANSMISSION	DIESEL	√	√	√
			AIRBAG		√	√	
		ABS		√	√		
		IMMOBILIZER		√	√		
		INTERCONNECTION UNIT		√	√	√	
		HEATER		√	√	√	
15	TWINGO	TWINGO	ENGINE	GASOLINE	√	√	√
			AUTO TRANSMISSION		√	√	
			AIRBAG		√	√	
			ABS		√	√	
			IMMOBILIZER		√	√	
			CONTROLLED CLUTCH		√	√	
			INTERCONNECTION UNIT		√	√	√
		TWINGO PHASE 2	ENGINE	GASOLINE	√	√	√
				LPG	√	√	Δ
			AUTO TRANSMISSION		√	√	Δ
	AIRBAG		√	√			
	ABS		√	√			
	IMMOBILIZER		√	√	Δ		
	CONTROLLED CLUTCH		√	√			
	INTERCONNECTION UNIT		√	√	√		
16	VEL SAVIS		ENGINE	GASOLINE	√	√	√
				DIESEL	√	√	√
			AUTO TRANSMISSION		√	√	√
			AIRBAG		√	√	
			ABS		√	√	
			AIR CONDITIONING		√	√	√
			IMMOBILIZER		√	√	√
			VARIABLE P.A.S		√	√	
			INSTRUMENT PANEL		√	√	
			INTERCONNECTION UNIT		√	√	√
			DOOR MANAGEMENT		√	√	√
			DISCHARGE LAMP		√	√	√
			PARKING ASSISTANCE		√	√	√
			HEATER		√	√	√
			DISTANCE CONTROL		√	√	√
	PARKING BRAKE		√	√	√		

# EUROPEAN CAR COVERAGE LIST

MAY 16,2006

## Saab VER 1.39

MODEL	SYSTEM	SUB SYSTEM	MY									
			'94	'95	'96	'97	'98	'99	'00	'01	'02	'03
9-5	ENGINE	TRIONIC					YES	YES	YES	YES	YES	
		ECD (V6 TiD)									YES	
		PSG 16 (TiD)									YES	
	TRANSMISSION	TCM					YES	YES	YES	YES	YES	
	BODY	AIRBAG					YES	YES	YES	YES	YES	
		TWICE					YES	YES	YES	YES	YES	
	CHASSIS	ESP									YES	
		ABS/TC 5.3						YES	YES	YES	YES	
		ABS 5.4					YES	YES	YES	YES	YES	
9-3	ENGINE	TRIONIC 7						YES	YES	YES	YES	
		EDC 15 (TiD)					YES	YES	YES	YES		
		PSG 16 (TiD)								YES	YES	
	BODY	AIRBAG					YES	YES	YES	YES	YES	
		TWICE					YES	YES	YES	YES	YES	
	CHASSIS	ABS/TC 5.3								YES	YES	
		ABS 5.4					YES	YES	YES	YES	YES	
900	ENGINE	TRIONIC										
		TRIONIC OBDII										
		MOTRONIC 2.10 (4 cyl)	YES	YES	YES	YES	YES					
		MOTRONIC 4.1 (4 cyl.OBDII)										
		MOTRONIC 2.8.1 (V6)	YES	YES	YES	YES						
		MOTRONIC 5.2 (V6 OBDII)										
	TRANSMISSION	TCM	YES	YES	YES	YES	YES					
	BODY	AIRBAG										
	CHASSIS	TCS/V6	YES	YES	YES	YES						
		ABS 5.3			YES	YES						
		ABS 5.4					YES					
ABS 2E												
9000	ENGINE	TRIONIC										
		TRIONIC OBDII										
		MOTRONIC 2.8.1 (V6)		YES	YES	YES						
		MOTRONIC 5.2 (V6 OBDII)										
	TRANSMISSION	TCM										
	BODY	AIRBAG			YES							
	CHASSIS	TCS/V6				YES						
		ABS MkIV										
ABS/TC MKII												

**YES** Support

**YES** new

**DEV** Developing

## OPEL V412

Model	System	Sub system	Support	
ASTRA - G	1998	Engine	X 16 SZR	√
			X 16 XEL	√
			X 18 XE1	√
			X 20 XEV	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6+srs program	√
			IMMOBILISER+Key Coding	√
			Central Door Lock	√
			INSTRUMENT	√
	1999	Engine	X 16 SZR	√
			X 16 XEL	√
			X 18 XE1	√
			X 20 XEV	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6+srs program	√
			IMMOBILISER+Key Coding	√
			Central Door Lock	√
			INSTRUMENT	√
	2000	Engine	X 16 SZR	√
			X 16 XEL	√
			X 18 XE1	√
			X 20 XEV	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag SAB6+srs program	√
			IMMOBILISER+Key Coding	√
			Central Door Lock	√
	INSTRUMENT		√	
	2001	Engine	X 16 SZR	√
			Z 16 XE	√
			X 18 XE1	√
			Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
		Chassis	AF 13-II/17/20/22 CAN	√
		Body	ABS-5.3/5.4(+TC)	√
			Airbag	√
			IMMOBILISER+Key Coding	√
	Central Door Lock		√	
2002	Engine	INSTRUMENT	√	
		Z 16 XE	√	
		Z 18 XE	√	
	Transmission	Z 22 SE	√	
		AF 13-II/17/20/22	√	
	Chassis	AF 13-II/17/20/22 CAN	√	
		ABS-5.3/5.4(+TC)	√	
	Body	Airbag	√	
		IMMOBILISER+Key Coding	√	
		Central Door Lock	√	
INSTRUMENT		√		
Engine	Z 16 XE	√		
	Z 18 XE	√		

## EUROPEAN CAR COVERAGE LIST

CORSA - B	2003	Transmission	Z 22 SE	√
			AF 13-II/17/20/22	√
			AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
			Airbag	√
		Body	IMMOBILISER+Key Coding	√
			Central Door Lock	√
	INSTRUMENT		√	
	2004	Engine	Z 16 XE	√
			Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
			AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
		Body	Airbag	√
	IMMOBILISER+Key Coding		√	
	Central Door Lock		√	
	INSTRUMENT		√	
	2005	Engine	Z 16 XE	√
			Z 18 XE	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22	√
			AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
Body		Airbag	√	
	IMMOBILISER+Key Coding	√		
	Central Door Lock	√		
	INSTRUMENT	√		
1997	Engine	X 10 XE	√	
		C 14 NZ	√	
		C 14 SE	√	
		X 14 XE	√	
		X 16 XE	√	
	Transmission	AF 13/14/20	√	
	Body	IMMOBILISER+Key Coding	√	
	1998	Engine	X 10 XE	√
			C 14 NZ	√
			C 14 SE	√
			X 14 XE	√
			X 16 XE	√
		Transmission	AF 13/14/20	√
Body	AF 13II/20/22/30	√		
1999	Engine	IMMOBILISER+Key Coding	√	
		X 10 XE	√	
		C 14 SE	√	
		X 14 XE	√	
	Transmission	X 16 XE	√	
		AF 13/14/20	√	
	Body	AF 13II/20/22/30	√	
IMMOBILISER+Key Coding		√		
2000	Engine	Airbag SAB6	√	
		X 10 XE	√	
		C 14 SE	√	
		X 14 XE	√	
	Transmission	X 16 XE	√	
		AF 13/14/20	√	
	Body	AF 13II/20/22/30	√	
		IMMOBILISER+Key Coding	√	
Airbag SAB6	√			

## EUROPEAN CAR COVERAGE LIST

CORSA - C	2001	Engine	C 14 SE	√
		Body	Airbag SAB6	√
	2002	Engine	C 14 SE	√
		Body	Airbag SAB6	√
	2003	Engine	C 14 SE	√
		Body	Airbag SAB6	√
	2001	Engine	Z 10 XE	√
			Z 12 XE	√
			Z 14 XE	√
			Z 18 XE	√
		Transmission	AF 13-II/17/20/22 CAN	√
			EASYTRONIC (MTA)	√
		Chassis	ABS-5.3/5.4(+TC)	√
			Electronic Power Steering	√
		Body	IMMOBILISER+Key Coding	√
			Body Control Module	√
Airbag			√	
Instrument			√	
Triple Info Display			√	
Radio 2020			√	
2002		Engine	Z 10 XE	√
			Z 12 XE	√
	Z 14 XE		√	
	Z 16 XE		√	
	Z 18 XE		√	
	Transmission	AF 13-II/17/20/22 CAN	√	
		EASYTRONIC (MTA)	√	
	Chassis	ABS-5.3/5.4(+TC)	√	
		Electronic Power Steering	√	
	Body	IMMOBILISER+Key Coding	√	
		Body Control Module	√	
		Airbag	√	
		Instrument	√	
		Triple Info Display	√	
		Radio 2020	√	
	2003	Engine	Z 10 XE	√
Z 12 XE			√	
Z 14 XE			√	
Z 16 XE			√	
Z 18 XE			√	
Transmission		AF 13-II/17/20/22 CAN	√	
		EASYTRONIC (MTA)	√	
Chassis		ABS-5.3/5.4(+TC)	√	
		Electronic Power Steering	√	
Body		IMMOBILISER+Key Coding	√	
		Body Control Module	√	
		Airbag	√	
		Instrument	√	
		Triple Info Display	√	
		Radio 2020	√	
			Z 12 XE	√
	Z 14 XE		√	
	Z 16 XE		√	
	Z 18 XE		√	
	Transmission	AF 13-II/17/20/22 CAN	√	
		EASYTRONIC (MTA)	√	
Chassis	ABS-5.3/5.4(+TC)	√		
	Electronic Power Steering	√		

## EUROPEAN CAR COVERAGE LIST

		Body	IMMOBILISER+Key Coding	√		
			Body Control Module	√		
			Airbag	√		
			Instrument	√		
			Triple Info Display	√		
			Radio 2020	√		
				Z 12 XE	√	
				Z 14 XE	√	
				Z 16 XE	√	
				Z 18 XE	√	
		Transmission		AF 13-II/17/20/22 CAN	√	
				EASYTRONIC (MTA)	√	
		Chassis		ABS-5.3/5.4(+TC)	√	
				Electronic Power Steering	√	
		Body		IMMOBILISER+Key Coding	√	
				Body Control Module	√	
				Airbag	√	
				Instrument	√	
				X 18 XE	√	
				C 20 SEL	√	
	1997	Engine		X 20 XEV	√	
				X 25 XE	√	
				Transmission	AF 13II/20/22/30	√
				Chassis	ABS 415	√
ABS-5-TC	√					
1998	Body		IMMOBILISER+Key Coding	√		
			Airbag SAB6+srs program	√		
			Central Door Lock	√		
			Engine	X 18 XE1	√	
				X 18 XE1	√	
				C 20 SEL	√	
				X 20 XEV	√	
				X 20 DTH	√	
				X 20 DTL	√	
				C 22 SEL	√	
X 25 XE	√					
Transmission	AF 13-II/17/20/22	√				
	AF 13II/20/22/30	√				
Chassis	ABS 415	√				
	ABS 5-TC	√				
	ABS 430	√				
	ABS-5.3/5.4(+TC)	√				
1999	Body		IMMOBILISER+Key Coding	√		
			Airbag SAB6+srs program	√		
			Central Door Lock	√		
			Engine	X 18 XE1	√	
				X 18 XE1	√	
				C 20 SEL	√	
				X 20 XEV	√	
				X 20 DTH	√	
				X 20 DTL	√	
				C 22 SEL	√	
X 25 XE	√					
Transmission	AF 13-II/17/20/22	√				
	AF 13II/20/22/30	√				
Chassis	ABS 415	√				
	ABS 5-TC	√				
	ABS 430	√				
	ABS-5.3/5.4(+TC)	√				

## EUROPEAN CAR COVERAGE LIST

		Body	IMMOBILISER+Key Coding	√	
			Airbag SAB6+srs program	√	
			Central Door Lock	√	
	2000	Engine		X 18 XE1	√
				X 18 XE1	√
				C 20 SEL	√
				X 20 XEV	√
				X 20 DTH	√
				X 20 DTL	√
				C 22 SEL	√
				X 25 XE	√
		Transmission		AF 13-II/17/20/22	√
				AF 13-II/17/20/22 CAN	√
		Chassis		ABS 430	√
				ABS-5.3/5.4(+TC)	√
	Body		IMMOBILISER+Key Coding	√	
			Airbag SAB6+srs program	√	
			Central Door Lock	√	
	2001	Engine		Z 18 XE	√
				C 20 SEL	√
				X 20 XEV	√
				C 22 SEL	√
				Z 22 SE	√
		Transmission		AF 13-II/17/20/22	√
				AF 13-II/17/20/22 CAN	√
		Chassis		ABS 430	√
ABS-5.3/5.4(+TC)				√	
Body			IMMOBILISER+Key Coding	√	
			Airbag SAB6+srs program	√	
			Airbag	√	
VECTRA-C(in progress)		Engine	Engine	√	
			Engine	√	
			Engine	√	
			Engine	√	
	1999	Engine	X 16 XEL	√	
			X 18 XE1	√	
		Transmission	AF 13-II/17/20/22	√	
		Chassis	ABS-5.3/5.4(+TC)	√	
		Body	Immobiliser	√	
			Airbag SAB6	√	
	2000	Engine		X 16 XEL	√
				X 18 XE1	√
		Transmission	AF 13-II/17/20/22	√	
		Chassis	ABS-5.3/5.4(+TC)	√	
		Body	Immobiliser	√	
			Airbag SAB6	√	
	Airbag		√		
	2001	Engine		INSTRUMENT	√
				Z 16 XE	√
				Z 18 XE	√
				Y 20 DTH	√
		Z 22 SE	√		
Transmission		AF 13-II/17/20/22 CAN	√		
Chassis		ABS-5.3/5.4(+TC)	√		
Body		Immobiliser	√		
		Airbag	√		
INSTRUMENT	√				

## EUROPEAN CAR COVERAGE LIST

ZAFIRA	2002	Engine	Z 16 XE	√
			Z 18 XE	√
			Y 20 DTH	√
			Z 22 SE	√
		Transmission	AF 13-II/17/20/22 CAN	√
		Chassis	ABS-5.3/5.4(+TC)	√
	Body	Immobiliser	√	
		Airbag	√	
		INSTRUMENT	√	
		IMMOBILISER	√	
	2003	Engine	Z 16 XE	√
			Z 18 XE	√
Z 22 SE			√	
Transmission		AF 13-II/17/20/22 CAN	√	
Chassis		ABS-5.3/5.4(+TC)	√	
Body		Immobiliser	√	
	Airbag	√		
	INSTRUMENT	√		
	IMMOBILISER	√		
2004	Engine	Z 16 XE	√	
		Z 18 XE	√	
		Z 22 SE	√	
	Transmission	AF 13-II/17/20/22 CAN	√	
	Chassis	ABS-5.3/5.4(+TC)	√	
	Body	Immobiliser	√	
Airbag		√		
INSTRUMENT		√		
IMMOBILISER		√		
2005	Engine	Z 16 XE	√	
		Z 18 XE	√	
		Z 22 SE	√	
	Transmission	AF 13-II/17/20/22 CAN	√	
	Chassis	ABS-5.3/5.4(+TC)	√	
	Body	Immobiliser	√	
Airbag		√		
INSTRUMENT		√		
IMMOBILISER		√		
TIGRA	1997	Engine	X 14 XE	√
			X 16 XE	√
		Transmission	AF 13/14/20	√
	Body	IMMOBILISER	√	
	1998	Engine	X 14 XE	√
			X 16 XE	√
		Transmission	AF 13/14/20	√
	Body	IMMOBILISER	√	
	1999	Engine	X 14 XE	√
			X 16 XE	√
		Transmission	AF 13/14/20	√
	Body	IMMOBILISER	√	
2000	Engine	X 14 XE	√	
		X 16 XE	√	
	Transmission	AF 13/14/20	√	
Body	IMMOBILISER	√		
1999	Engine	2.2L L4 X22SE	√	
		3.2L V6 6VD1	√	
	Body	SRS – AirBag	√	
	2000	Engine	2.2L L4 X22SE	√
			3.2L V6 6VD1	√
Body	SRS – AirBag	√		
Engine	2.2L L4 X22SE	√		

## EUROPEAN CAR COVERAGE LIST

FRONTERA-B	2001	Engine	3.2L V6 6VD1	√	
		Body	SRS – AirBag IMMOBILISER	√ √	
	2002	Engine	2.2L L4 X22SE 3.2L V6 6VD1	√ √	
		Body	SRS - AirBag IMMOBILISER	√ √	
		Engine	2.2L L4 X22SE 3.2L V6 6VD1	√ √	
	2003	Body	SRS - AirBag IMMOBILISER	√ √	
		2003	Engine	Z 18 XE	√
			Transmission	EASYTRONIC (MTA)	√
	Chassis		ABS-5.3/5.4(+TC)	√	
Electronic Power Steering			√		
Body	IMMOBILISER	√			
	2004	Engine	Z 18 XE	√	
Transmission		EASYTRONIC (MTA)	√		
Chassis		ABS-5.3/5.4(+TC)	√		
		Electronic Power Steering	√		
Body	IMMOBILISER	√			
	2004	Engine	Z 18 XE	√	
Transmission		EASYTRONIC (MTA)	√		
Chassis		ABS-5.3/5.4(+TC)	√		
		Electronic Power Steering	√		
Body	IMMOBILISER	√			
	OMEGA-B	1997	Engine	X 20 XEV	√
Body			Airbag SAB6	√	
1998		Engine	X 20 XEV X 20 DTH	√ √	
		Body	Airbag SAB6	√	
1999		Engine	X 20 XEV X 20 DTH	√ √	
		Body	Airbag SAB6	√	
2000		Engine	X 20 XEV X 20 DTH	√ √	
		Body	Immobiliser	√	
2001		Engine	X 20 XEV Y 22 DTH Z 22 XE	√ √ √	
		Body	Immobiliser	√	
2002		Engine	Y 20 DTH Z 22 XE	√ √	
		Body	Immobiliser	√	
2003	Engine	Y 20 DTH Z 22 XE	√ √		
	Body	Immobiliser	√		

**EUROPEAN CAR  
COVERAGE LIST**

**FORD EUROPEAN VER 1.12**

Model	Sub model / Model year		System	Support
CONTINENTAL	1996		Powertrain	√
			SRS	√
	1997		Powertrain	√
			SRS	√
	1998		Powertrain	√
			Elec. Crash Sensor( or IABM )	√
	1999		Powertrain	√
			Restraint Control Module	√
COUGAR	1997		Powertrain	√
	1999		Powertrain	√
			Antilock Brake Module	√
			Central Security Modle	√
			Elec. Crash Sensor( or IABM )	√
			Hybrid Elec Cluster	√
CROWN VICTORIA	1996		Powertrain	√
			Antilock Brake Module	√
			Driver Door Module	√
			Driver Seat Module	√
			SRS	√
	1997		Light Control Module	√
			Powertrain	√
			Antilock Brake Module	√
			Driver Door Module	√
			Driver Seat Module	√
	1998		SRS	√
			Light Control Module	√
			Powertrain	√
			Antilock Brake Module	√
			Driver Door Module	√
	1999		Driver Seat Module	√
			Elec. Crash Sensor( or IABM )	√
			Light Control Module	√
			Powertrain	√
			Antilock Brake Module	√
ECONOLINE	1997		Driver Door Module	√
			Elec. Crash Sensor( or IABM )	√
			Powertrain	√
	1998		Antilock Brake Module	√
			Elec. Crash Sensor( or IABM )	√
			Powertrain	√
	1999		Antilock Brake Module	√
			Elec. Crash Sensor( or IABM )	√
			Powertrain	√
1997	1996		Powertrain	√
			Passive Antitheft Module	√
	Else		Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
			Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
1.8L DIESEL		Powertrain	√	
		Antilock Brake Module	√	
		Remote Antitheft Module	√	

**EUROPEAN CAR  
COVERAGE LIST**

ESCORT	2.0L	Powertrain	√	
		Antilock Brake Module	√	
		Remote Antitheft Module	√	
	1998	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		2.0L	Remote Antitheft Module	√
			Powertrain	√
			Antilock Brake Module	√
	1999	Else	Elec. Crash Sensor( or IABM )	√
			Remote Antitheft Module	√
			Powertrain	√
		1.8L DIESEL	Antilock Brake Module	√
Passive Antitheft Module			√	
Remote Antitheft Module			√	
2.0L		Powertrain	√	
		Antilock Brake Module	√	
		Elec. Crash Sensor( or IABM )	√	
EXPEDITION	1998	Remote Antitheft Module	√	
		Powertrain	√	
		Air Susp/Evo (4*2 & 4*4)	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		SRS	√	
		Remote Antitheft Module	√	
	1999	Powertrain	√	
		Air Susp/Evo (4*2 & 4*4)	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Remote Antitheft Module	√	
		Restraint Control Module	√	
		Elec auto temp Control Module	√	
EXPLORER	1996	Powertrain	√	
		Antilock Brake Module	√	
		Auto Ride Control	√	
		Generic Elec Mocule( or CTM )	√	
		SRS	√	
		Remote Antitheft Module	√	
	1997	Powertrain	√	
		Antilock Brake Module	√	
		Auto Ride Control	√	
		Generic Elec Mocule( or CTM )	√	
		SRS	√	
	1998	Remote Antitheft Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
Auto Ride Control		√		
Central Timer Module		√		
Driver Seat Module		√		
Generic Elec Mocule( or CTM )	√			
SRS	√			
Remote Antitheft Module	√			

**EUROPEAN CAR  
COVERAGE LIST**

			1999	Powertrain	√
				Antilock Brake Module	√
				Auto Ride Control	√
				Central Timer Module	√
				Driver Seat Module	√
				Generic Elec Mocule( or CTM )	√
				Park Aid Module	√
				Remote Antitheft Module	√
				Restraint Control Module	√
F-XXX	1997	F-150		Powertrain	√
				Antilock Brake Module	√
				Generic Elec Mocule( or CTM )	√
				Remote Antitheft Module	√
				SRS	√
			F-250	Powertrain	√
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
			Remote Antitheft Module	√	
			SRS	√	
			F-350	Powertrain	√
			Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√		
		Remote Antitheft Module	√		
		SRS	√		
		F-250/350	Powertrain	√	
		Antilock Brake Module	√		
		Generic Elec Mocule( or CTM )	√		
		Powertrain	√		
		Antilock Brake Module	√		
		Generic Elec Mocule( or CTM )	√		
		Remote Antitheft Module	√		
		SRS	√		
		Powertrain	√		
		Antilock Brake Module	√		
		Generic Elec Mocule( or CTM )	√		
		Remote Antitheft Module	√		
		SRS	√		
		Powertrain	√		
		Antilock Brake Module	√		
		Generic Elec Mocule( or CTM )	√		
		Remote Antitheft Module	√		
	SRS	√			
	Powertrain	√			
	Antilock Brake Module	√			
	Central Timer Module	√			
	Generic Elec Mocule( or CTM )	√			
	Remote Antitheft Module	√			
	Restraint Control Module	√			
	Powertrain	√			
	Antilock Brake Module	√			
	Central Timer Module	√			
	Generic Elec Mocule( or CTM )	√			
	Remote Antitheft Module	√			
	Restraint Control Module	√			
	Powertrain	√			

**EUROPEAN CAR  
COVERAGE LIST**

	F-350	Antilock Brake Module	√	
		Central Timer Module	√	
		Generic Elec Mocule( or CTM )	√	
		Remote Antitheft Module	√	
		Restraint Control Module	√	
	F-250/350	Powertrain	√	
		Antilock Brake Module	√	
		Central Timer Module	√	
		Generic Elec Mocule( or CTM )	√	
		Elec. Crash Sensor( or IABM )	√	
		Overhead Trip Computer	√	
		Passive Antitheft Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
Generic Elec Mocule( or CTM )	√			
F800	1999	Antilock Brake Module	√	
FAIRLANE	1999	Powertrain	√	
		Antilock Brake Module	√	
		Body Control Module	√	
		Instrument Cluster Module	√	
FAIRMONT	1999	Powertrain	√	
		Antilock Brake Module	√	
		Body Control Module	√	
		Instrument Cluster Module	√	
FALCON FUTURA	1999	Powertrain	√	
		Antilock Brake Module	√	
		Body Control Module	√	
		Instrument Cluster Module	√	
FALCON GLI	1999	Powertrain	√	
		Antilock Brake Module	√	
		Body Control Module	√	
		Instrument Cluster Module	√	
	1996	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
	1997	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
	1998	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
	1999	1.25L CTX	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.25L MTX	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
1.3L		Powertrain	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Hybrid Elec Cluster	√	

**EUROPEAN CAR  
COVERAGE LIST**

FIESTA	2000	1.8L DIESEL	Passive Antitheft Module	√
			Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
			Remote Immobilizer Module	√
	2000	1.25L CTX	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.25L MTX	Powertrain	√
			Antilock Brake Module	√
	1.3L	Powertrain	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Hybrid Elec Cluster	√	
		Passive Antitheft Module	√	
	2000	1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
			Remote Immobilizer Module	√
			Powertrain	√
2001	1.25L CTX	Antilock Brake Module	√	
		Passive Antitheft Module	√	
		Powertrain	√	
	1.25L MTX	Powertrain	√	
		Antilock Brake Module	√	
	1.3L	Powertrain	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Hybrid Elec Cluster	√	
		Passive Antitheft Module	√	
	1.8L DIESEL	Powertrain	√	
		Antilock Brake Module	√	
		Passive Antitheft Module	√	
Remote Immobilizer Module		√		
Powertrain		√		
2002	1.25L CTX	Antilock Brake Module	√	
		Passive Antitheft Module	√	
		Powertrain	√	
	1.25L MTX	Powertrain	√	
		Antilock Brake Module	√	
	1.3L	Powertrain	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Hybrid Elec Cluster	√	
		Passive Antitheft Module	√	
	1.8L DIESEL	Powertrain	√	
		Antilock Brake Module	√	
		Passive Antitheft Module	√	
Remote Immobilizer Module		√		
Powertrain		√		
2003	1.25L CTX	Antilock Brake Module	√	
		Passive Antitheft Module	√	
		Powertrain	√	
	1.25L MTX	Powertrain	√	
		Antilock Brake Module	√	
	1.3L	Powertrain	√	
		Antilock Brake Module	√	
		Generic Elec Mocule( or CTM )	√	
		Hybrid Elec Cluster	√	
		Passive Antitheft Module	√	
	2003	1.8L DIESEL	Powertrain	√
			Powertrain	√

**EUROPEAN CAR  
COVERAGE LIST**

	1.8L DIESEL	Antilock Brake Module	√	
		Passive Antitheft Module	√	
		Remote Immobilizer Module	√	
	2004	1.25L CTX	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.25L MTX	Powertrain	√
			Antilock Brake Module	√
		1.3L	Powertrain	√
			Antilock Brake Module	√
			Generic Elec Mocule( or CTM )	√
			Hybrid Elec Cluster	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
Passive Antitheft Module	√			
Remote Immobilizer Module	√			
FOCUS	2000	Powertrain	√	
		Antilock Brake Module	√	
		Central Security Modle	√	
		Central Timer Module	√	
		Elec. Crash Sensor( or IABM )	√	
	2001	Msg Center Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
		Central Security Modle	√	
		Central Timer Module	√	
	2002	Elec. Crash Sensor( or IABM )	√	
		Msg Center Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
		Central Security Modle	√	
	2003	Central Timer Module	√	
		Elec. Crash Sensor( or IABM )	√	
		Msg Center Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
2004	Central Security Modle	√		
	Central Timer Module	√		
	Elec. Crash Sensor( or IABM )	√		
	Msg Center Module	√		
GRAND MARQUIS	1996	Powertrain	√	
		Antilock Brake Module	√	
		Driver Door Module	√	
		Driver Seat Module	√	
		SRS	√	
	1997	Light Control Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
		Driver Door Module	√	
		Driver Seat Module	√	
			SRS	√

**EUROPEAN CAR  
COVERAGE LIST**

GRAND MARQUE	1998		Light Control Module	√
			Powertrain	√
			Antilock Brake Module	√
			Driver Door Module	√
			Elec. Crash Sensor( or IABM )	√
	1999		Light Control Module	√
			Powertrain	√
			Antilock Brake Module	√
			Driver Door Module	√
			Elec. Crash Sensor( or IABM )	√
KA	1998		Light Control Module	√
			Powertrain	√
	1999		Antilock Brake Module	√
			Passive Antitheft Module	√
LS	2000		Powertrain	√
			Restraint Control Module	√
LTD	1999		Powertrain	√
			Antilock Brake Module	√
			Body Control Module	√
			Instrument Cluster Module	√
	1996	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
	ATX/MTX	Remote Immobilizer Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
	1997	Else	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
		1.8L DIESEL	Powertrain	√
			Antilock Brake Module	√
			Passive Antitheft Module	√
	ATX/MTX	Remote Immobilizer Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
	1998	Else	Powertrain	√
			Antilock Brake Module	√
			Central Security Modle	√
		1.8L DIESEL	Passive Antitheft Module	√
			Powertrain	√
			Antilock Brake Module	√
ATX/MTX	Central Security Modle	√		
	Passive Antitheft Module	√		
	Remote Immobilizer Module	√		
1999	Else	Powertrain	√	
		Antilock Brake Module	√	
		Central Security Modle	√	
	1.8L DIESEL	Passive Antitheft Module	√	
		Powertrain	√	
		Antilock Brake Module	√	
ATX/MTX	Central Security Modle	√		
	Passive Antitheft Module	√		
	Powertrain	√		

**EUROPEAN CAR  
COVERAGE LIST**

MONDEO	2000	HC/HC ATX/HC MTX	Remote Immobilizer Module	√		
			Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
	2000	Else		Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
		1.8L DIESEL			Powertrain	√
					Antilock Brake Module	√
					Central Security Modle	√
					Passive Antitheft Module	√
	2000	HC/HC ATX/HC MTX		Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
	2001	Else		Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
1.8L DIESEL				Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
2001	HC/HC ATX/HC MTX		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
2002	Else		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
	1.8L DIESEL			Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
2002	HC/HC ATX/HC MTX		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
2003	Else		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
	1.8L DIESEL			Powertrain	√	
				Antilock Brake Module	√	
				Central Security Modle	√	
				Passive Antitheft Module	√	
2003	HC/HC ATX/HC MTX		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
2004	Else		Powertrain	√		
			Antilock Brake Module	√		
			Central Security Modle	√		
			Passive Antitheft Module	√		
2004			Powertrain	√		
			Antilock Brake Module	√		

**EUROPEAN CAR  
COVERAGE LIST**

	YEAR	ENGINE	Central Security Modle	√	
			Passive Antitheft Module	√	
		1.8L DIESEL	Remote Immobilizer Module	√	
		HC/HC ATX/HC MTX	Powertrain	√	
			Antilock Brake Module	√	
			Central Security Modle	√	
MOUNTAINEER	1997		Powertrain	√	
			Antilock Brake Module	√	
			Auto Ride Control	√	
			Generic Elec Mocule( or CTM )	√	
			SRS	√	
			Remote Antitheft Module	√	
	1998		Powertrain	√	
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
			Driver Seat Module	√	
			Remote Antitheft Module	√	
			SRS	√	
	1999		Powertrain	√	
			Antilock Brake Module	√	
			Auto Ride Control	√	
			Central Timer Module	√	
			Driver Seat Module	√	
			Generic Elec Mocule( or CTM )	√	
1996		Remote Antitheft Module	√		
		Park Aid Module	√		
		Restraint Control Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		SRS	√		
MUSTANG	1997		Powertrain	√	
			Antilock Brake Module	√	
			SRS	√	
	1998		Powertrain	√	
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
	1999		SRS	√	
			Powertrain	√	
			Antilock Brake Module	√	
	NAVIGATOR	1998		Generic Elec Mocule( or CTM )	√
				SRS	√
				Remote Antitheft Module	√
Powertrain				√	
Air Susp/Evo (4*2 & 4*4)				√	
1999			Antilock Brake Module	√	
			Driver Seat Module	√	
			Elec auto temp Control Module	√	
			Generic Elec Mocule( or CTM )	√	
			Remote Antitheft Module	√	
			Restraint Control Module	√	
			Powertrain	√	
			Antilock Brake Module	√	

**EUROPEAN CAR  
COVERAGE LIST**

RANGER	1996	Generic Elec Mocule( or CTM )	√
		SRS	√
		Remote Antitheft Module	√
	1997	Powertrain	√
		Antilock Brake Module	√
		Generic Elec Mocule( or CTM )	√
		SRS	√
		Remote Antitheft Module	√
		Powertrain	√
	1998	Antilock Brake Module	√
		Central Timer Module	√
		Elec. Crash Sensor( or IABM )	√
		Generic Elec Mocule( or CTM )	√
		Remote Antitheft Module	√
		Powertrain	√
1999	Antilock Brake Module	√	
	Central Timer Module	√	
	Generic Elec Mocule( or CTM )	√	
	Remote Antitheft Module	√	
	Restraint Control Module	√	
	Powertrain	√	
TAURUS	1996	Antilock Brake Module	√
		Generic Elec Mocule( or CTM )	√
		SRS	√
		Remote Antitheft Module	√
		Powertrain	√
		Antilock Brake Module	√
	1997	Generic Elec Mocule( or CTM )	√
		SRS	√
		Remote Antitheft Module	√
		Powertrain	√
		Antilock Brake Module	√
		Elec. Crash Sensor( or IABM )	√
	1998	Generic Elec Mocule( or CTM )	√
		SRS	√
		Remote Antitheft Module	√
		Powertrain	√
		Antilock Brake Module	√
		Elec. Crash Sensor( or IABM )	√
1999	Generic Elec Mocule( or CTM )	√	
	SRS	√	
	Remote Antitheft Module	√	
	Semi Active Ride Control	√	
	Powertrain	√	
	THUNDERBIRD	1996	Powertrain
	1997	Powertrain	√
TOWN CAR	1996	Powertrain	√
		Antilock Brake Module	√
		Driver Door Module	√
		Driver Seat Module	√
		SRS	√
		Light Control Module	√
	1997	Powertrain	√
		Antilock Brake Module	√
		Driver Door Module	√
		Driver Seat Module	√
		SRS	√
		Light Control Module	√
	1998	Powertrain	√

**EUROPEAN CAR  
COVERAGE LIST**

	1996		Elec. Crash Sensor( or IABM )	√	
	1999		Powertrain	√	
			Restraint Control Module	√	
TRACER	1997		Powertrain	√	
			Antilock Brake Module	√	
			Remote Antitheft Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
	1998		Elec. Crash Sensor( or IABM )	√	
			Remote Antitheft Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
	1999		Elec. Crash Sensor( or IABM )	√	
		Remote Antitheft Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
TRANSIT	1996	PETROL	Powertrain	√	
		DIESEL	Powertrain	√	
			Passive Antitheft Module	√	
	1997	PETROL		Powertrain	√
				Antilock Brake Module	√
		DIESEL		Powertrain	√
				Antilock Brake Module	√
				Passive Antitheft Module	√
				Remote Immobilizer Module	√
	1998	PETROL		Powertrain	√
				Antilock Brake Module	√
		DIESEL		Powertrain	√
				Antilock Brake Module	√
				Passive Antitheft Module	√
				Remote Immobilizer Module	√
	1999	PETROL		Powertrain	√
			Antilock Brake Module	√	
DIESEL			Powertrain	√	
			Antilock Brake Module	√	
		Passive Antitheft Module	√		
WINDSTAR	1996		Powertrain	√	
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
			SRS	√	
			Powertrain	√	
			Antilock Brake Module	√	
	1997		Generic Elec Mocule( or CTM )	√	
			SRS	√	
			Remote Antitheft Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
	1998		SRS	√	
			Remote Antitheft Module	√	
			Powertrain	√	
			Antilock Brake Module	√	
			Generic Elec Mocule( or CTM )	√	
			SRS	√	
1999		Remote Antitheft Module	√		
		Powertrain	√		
		Antilock Brake Module	√		
		Park Aid Module	√		
		RH Power Slide Door Module	√		
		LH Power Slide Door Module	√		
		Restraint Control Module	√		
GALAXY	PETROL		Powertrain	√	
	DIESEL		GO TO VW/AUDI SOFTWARE	√	

## Citroen Trial V102

Model	System	Sub System	DTC	LIVE DATA
CITROEN C8	BSI		√	√
	Control panel		√	√
	Radio or telematic receiver command	Radio post-equipment Telematic receiver command	√ √	√ √
	CD player		√	√
	Parking assistance		√	√
	Air conditioning		√	√
	LEDs and odometer ECU		√	√
	Memory unit		√	√
	Rear sunroof		√	√
	sunroof		√	√
	Middle sunroof		√	√
	Alarm		√	√
	Switch module at the steering wheel		√	√
	Sliding side doors module		√	√
	Dirver's door module		√	√
	Passenger's door module		√	√
	Diesel additive function	ADDITIF_FAP ADDGO2	√ √	√ √
	Display or Telematics	Multifunction display SAGEM B Telematic unit	√ √	√ √
	Additional heating		√	√
	Right hand headlamp		√	√
Left hand headlamp		√	√	
CITROEN C3	BSI		√	√
	Control panel		√	√
	Radio		√	√
	CD player		√	√
	Parking assistance		√	√
	Air conditioning		√	√
	Navigation		√	√
	Alarm		√	√
	Switch module at the steering wheel		√	√
	Diesel additive function		√	√
	Rain sensor / Brightness		√	√
	Driving school mode		√	√
	Display or Telematics	Multifunction display SAGEM A Multifunction display SIEMENS B Multifunction display SIEMENS C Telematic unit	√ √ √ √	√ √ √ √
	Electric power steering ECU		√	√
	ECU Reversible		√	√
	BSI		√	√
	Control panel		√	√
	Radio		√	√
	CD player		√	√

## European Car Coverage List

<b>CITROEN C3 PLURIEL</b>	Parking assistance		√	√	
	Air conditioning		√	√	
	Navigation		√	√	
	Alarm		√	√	
	Switch module at the steering wheel		√	√	
	Rain sensor / Brightness		√	√	
	Sunroof		√	√	
	Driving school mode		√	√	
	Display or Telematics	Multifunction display SAGEM A		√	√
		Multifunction display SIEMENS B		√	√
Multifunction display SIEMENS C			√	√	
Telematic unit			√	√	
Electric power steering ECU		√	√		
<b>CITROEN C5</b>	BSI		√	√	
	Navigation	Navigation SIEMENS	√	√	
		Navigation VDO	√	√	
	Control panel		√	√	
	Air conditioning		√	√	
	Radio post-equipment		√	√	
	Telephone		√	√	
	CD player		√	√	
	Parking assistance		√	√	
	Sunroof		√	√	
	Rain sensor / Brightness		√	√	
	Alarm		√	√	
	Switch module at the steering wheel		√	√	
	Driver's door module		√	√	
	Passenger's door module		√	√	
	Diesel additive function	ADDITIF_FAP	√	√	
		ADDGO2	√	√	
	Display or Autopc or Telematics	Multifunction display SAGEM A	√	√	
Multifunction display SAGEM B		√	√		
Multifunction display SIEMENS C		√	√		
Multifunction display VDO D		√	√		
Multifunction display AUTOPC		√	√		
Telematic unit		√	√		
<b>Suspension</b>		√	√		
Additional heating		√	√		
Right hand headlamp		√	√		
Left hand headlamp		√	√		
<b>CITROEN C2</b>	BSI		√	√	
	Control panel		√	√	
	Radio		√	√	
	CD player		√	√	
	Parking assistance		√	√	
	Air conditioning		√	√	
	Navigation		√	√	
	Alarm		√	√	

## European Car Coverage List

	Switch module at the steering wheel		√	√
	Rain sensor / Brightness		√	√
	Display or Telematics	Multifunction display SAGEM A	√	√
		Multifunction display SAGEM B	√	√
		Multifunction display SIEMENS C	√	√
		Telematic unit	√	√
	Electric power steering ECU	Electric power steering ECU	√	√
<b>XSARA2</b>	BSI		√	√
	Navigation		√	√
	Instrument panel		√	√
	Air conditioning		√	√
	Radio post-equipment		√	√
	Telephone		√	√
	CD player		√	√
	Parking assistance		√	√
	Switch module at the steering wheel		√	√
	Driving school mode		√	√
	Rain sensor / Brightness		√	√
	Display or Autopc	Multifunction display A Multifunction display B Multifunction display C AUTOPC	√ √ √ √	√ √ √ √
Additional heating	Additional heating	√	√	
<b>XSARA</b>	BSI		√	√
	Radio post-equipment		√	√
	CD player		√	√
	Instrument panel		√	√
<b>XSARA PICASSO</b>	BSI		√	√
	Navigation		√	√
	Air conditioning		√	√
	Radio post-equipment		√	√
	CD player		√	√
	Parking assistance		√	√
	Switch module at the steering wheel		√	√
	Rain sensor / Brightness		√	√
	Diesel additive function		√	√
	Display or Telematics	Multifunction display SAGEM B Multifunction display SIEMENS C	√ √	√ √
	Additional heating		√	√
<b>XANTIA</b>	Air conditioning		√	√
	Additional heating		√	√
<b>BERLINGO 2</b>	BSI		√	√
	Control panel		√	√
	Radio post-equipment		√	√
	CD player		√	√
	Parking assistance		√	√
	Switch module at the steering wheel		√	√
Rain sensor / Brightness		√	√	

**European Car  
Coverage List**

	Display or Telematics	Multifunction display SAGEM A	√	√
		Multifunction display SAGEM B	√	√
		Telematic unit	√	√
	Additional heating		√	√
<b>RELAY2</b>	Additional heating		√	√
<b>DISPATCH 2</b>	Additional heating		√	√

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## EUROPEAN CAR COVERAGE LIST

### FIAT/ALFA ROMEO/LANCIA \_ Trial V102

SYSTEM	SYSTEM TYPE	READ FAULTS	ERASE FAULTS	LIVE DATA
ENGINE	DIESEL BOSCH EDC 15 (mot. 1.9 '99)	√	√	
	DIESEL BOSCH EDC 15 CF3 (mot. 1.9/2.4)	√	√	√
	DIESEL BOSCH EDC 15 CF3 (mot. 2.8)	√	√	√
	DIESEL BOSCH EDC 15 PSA (mot. 2.0 TD)	√	√	
	DIESEL LUCAS EPIC DCU3F	√	√	√
	HITACHI EOBD	√	√	
	HITACHI MPI (mot. 1.8 16v)	√	√	√
	MARELLI IAW 4.8P	√	√	
	MARELLI IAW 49F (1.2 8v engine)	√	√	√
	MARELLI IAW 49F (1.6 16v engine)	√	√	√
	MARELLI IAW 4AF/4EF/59F/5AF EOBD	√	√	
	MARELLI IAW 4AF/4EF/59F/5AF Outside ECC	√	√	
	MARELLI IAW 4GF (Bi-Power)	√	√	
	MARELLI IAW 4GF (Blu-Power)	√	√	
	MARELLI IAW 59F (1.2 8v engine)	√	√	√
	MOTRONIC M 1.5.5	√	√	√
	MOTRONIC M 1.5.5 (1.2 16V engine)	√	√	√
	MOTRONIC M 1.5.5 (TS '98 engine)	√	√	√
	MOTRONIC ME 2.1 (V6 2.0 TB engine)	√	√	
	MOTRONIC ME 2.1 (V6 2.5 / 3.0 engine)	√	√	√
	MOTRONIC ME 3.1 (2.0 / 2.4 20v engine) Outside CEE	√	√	
	MOTRONIC ME 3.1 (2.0 20v engine)	√	√	√
	MOTRONIC ME 3.1 (V6 engine) Outside CEE	√	√	
	MOTRONIC ME 3.1 EOBD (2.0 / 2.4 20v engine)	√	√	
	MOTRONIC ME 3.1 EOBD (V6 engine)	√	√	
	MOTRONIC ME 7.3 H4	√	√	√
	MOTRONIC ME 7.3 H4 EOBD	√	√	
	MOTRONIC ME 7.3.1 EOBD	√	√	
MOTRONIC ME 7.3.1 Outside CEE	√	√		
MOTRONIC ME 7.3.1 Outside CEE (2 lambda)	√	√		
DIESEL BOSCH EDC 15 (1.9 TD id)	√	√	√	
DIESEL BOSCH EDC 15 (2.4 TD id)	√	√	√	

SYSTEM	SYSTEM TYPE	READ FAULTS	ERASE FAULTS	LIVE DATA
GEAR BOX	AISIN Q-SYSTEM AUTOMATIC GEARBOX	√	√	
	FUJI SG-CVT3 AUTOMATIC GEARBOX	√	√	
	MARELLI SELESPEED AUTOMATIC GEARBOX	√	√	√
	MARELLI SELESPEED CFC 208 F AUTOMATIC GEARBOX	√	√	
	SIEMENS AL4 TA 2000 AUTOMATIC GEARBOX	√	√	

SYSTEM	SYSTEM TYPE	READ FAULTS	ERASE FAULTS	LIVE DATA
ABS	ABS BOSCH 5.7	√	√	√
	ABS BOSCH 5.7 ASR / TC	√	√	
	ABS BOSCH 5.7 VDC	√	√	
	ABS BOSCH 5.7 VDC (166)	√	√	
	ABS LUCAS EBC 430	√	√	√
	ABS BOSCH 8	√	√	

SYSTEM	SYSTEM TYPE	READ FAULTS	ERASE FAULTS	LIVE DATA
	AIRBAG ALLIED MY 97 (2F-2P)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-2L-2T-I)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-2L-I)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-2L-I-S)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-2L-S)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-I)	√	√	
	AIRBAG ALLIED MY 97 (2F-2P-I-S)	√	√	

## EUROPEAN CAR COVERAGE LIST

	AIRBAG ALLIED MY 97 (2F-2P-S)	√	√	
	AIRBAG AUTOLIV ACU	√	√	
	AIRBAG AUTOLIV MY99 (1F - 2P)	√	√	
	AIRBAG AUTOLIV MY99 (2F - 2P - 2L - I)	√	√	
	AIRBAG AUTOLIV MY99 (2F - 2P - I)	√	√	
	AIRBAG BREED MY 97 (1F-2P)	√	√	
	AIRBAG BREED MY 97 (2F)	√	√	
	AIRBAG BREED MY 97 (2F-2L)	√	√	
	AIRBAG BREED MY 97 (2F-2L-S)	√	√	
	AIRBAG BREED MY 97 (2F-2P-2L)	√	√	
	AIRBAG BREED MY 97 (2F-2P-2L-S)	√	√	
SRS	AIRBAG BREED MY 97 (2F-S)	√	√	
	AIRBAG BREED MY 97 (3F-2L-I)	√	√	
	AIRBAG BREED MY 97 (3F-I)	√	√	
	AIRBAG TRW MY 97 (2F - I)	√	√	
	AIRBAG TRW MY 97 (2F)	√	√	
	AIRBAG TRW MY 97 (2F-2L)	√	√	
	AIRBAG TRW MY 97 (2F-2L-I)	√	√	
	AIRBAG TRW MY 97 (2F-2L-I-S)	√	√	
	AIRBAG TRW MY 97 (2F-2L-S)	√	√	
	AIRBAG TRW MY 97 (2F-2P)	√	√	
	AIRBAG TRW MY 97 (2F-2P-2L)	√	√	
	AIRBAG TRW MY 97 (2F-2P-2L-2S)	√	√	
	AIRBAG TRW MY 97 (2F-2P-2L-I)	√	√	
	AIRBAG TRW MY 97 (2F-2P-2L-S)	√	√	
	AIRBAG TRW MY 97 (2F-2P-I)	√	√	
	AIRBAG TRW MY 97 (2F-2P-I-S)	√	√	
	AIRBAG TRW MY 97 (2F-2P-S)	√	√	
	AIRBAG TRW MY 97 (2F-I-S)	√	√	
	AIRBAG TRW MY 97 (2F-S)	√	√	

# MALAYSIAN CARS

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 **HANATECH CO.,LTD.**

# MALAYAN CAR COVERAGE LIST

MAY 16,2006

## PROTON VER 1.52

Applicable regions : Worldwide

### Vehicle Coverage

Electronic control systems is unable to list the detailed coverage due to inherent communication characteristics. Followings are the model names and supported systems that the worldwide distributors of Hanatech and we have successfully tested.

Therefore, the coverage provided below does not mean that the scanner applications are limited only to those listed, but must be regarded as presenting a few examples of most popular Mitsubishi cars.

### MODELS

Waja, Wira, Satria, Putra, Perdana, GEN-2, etc

MODEL YEARS : 1995 ~ 2004

### Supported Systems

Engine(MPI, VDO, Renault), Transmission, ABS, SRS, Immobilizer

● : FUNCTION SUPPORT

- : FUNCTION NOT SUPPORT

## PERODUA VER 2.05

MAKER	MODEL	SYSTEM	DCN PRO/ SCAN				
			DTC	DATA STREAM	FREEZ FRAME	ERASE	ACTIVATION
PERODUA	KEMBARA	ENGINE	●	●	●	●	●
		ENGINE K3(DVVT)	●	●	●	●	●
		TCU K3(DVVT)	●	●	●	●	●
	KENARI / KELISA	ENGINE	●	●	●	●	●
	KANCIL	ENGINE	●	●	●	●	●

1. KENARI / KELISA, KANCIL : FUJITSU ECU Support