



A5.2.7 Inclination sensor

Located adjacent to the SLCM under the luggage compartment LH side liner to give indication of unauthorized jacking / lifting of the vehicle.

A5.2.8 Intrusion sensors

Located above each front door to give indication of unauthorized entry into the vehicle passenger compartment.

A5.2.9 Reader exciter coil

Forms an integral part of the ignition switch to prove correct key insertion by communicating key transponder signal to control module.

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A5.2.10 Reader exciter module

Located on the steering column to receive signals from the reader / exciter coil and disarm the engine immobilization system on correct demand.

A5.2.11 Security active indicator

An LED built into the central locking switch to indicate when security system is armed.

A5.2.12 Security and locking control module

Located in the luggage compartment below the LH side liner. Controls system operation and interface with associated modules to achieve correct response to input signals.

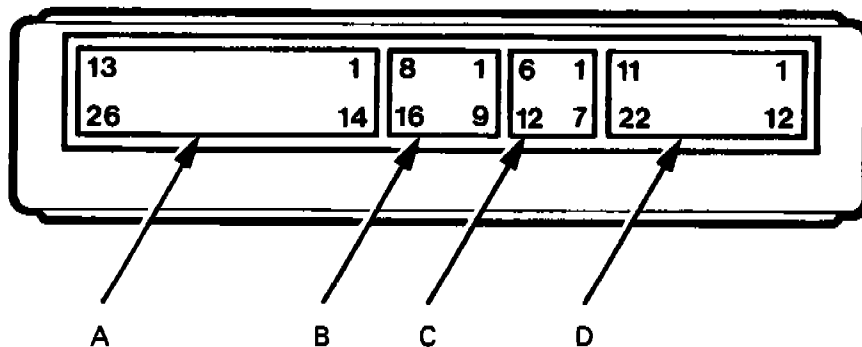


Fig.1 Control Module Connector Pins



Connections to the SLCM are detailed in the following table:

Connector A (26-way)

Pin No.	Signal	Description	Comment
01	O / P	Deadlock (front right / rear left)	switch to ground 200mA
02	O / P	Unlock driver's door	switch to ground 200mA
03			
04			
05	I / P	Vehicle speed	7600 pulses / mile
06	O / P	Inclination alarm	
07		Intelligent sounder	serial communications
08	O / P	Memory seat 2	switch to +12V for 500ms
09	O / P	Visual warning	switch to ground
10	O / P	Secure mode status	arm: 200Hz square wave \pm 5% disarm: 400Hz square wave \pm 5% duration: 64ms
11	O / P	Trunk lid release relay	switch to ground
12	I / P	Power +12V battery	+12V power supply
13	O / P	Sounder +ve	half of push pull network
14	O / P	Deadlock (front left / rear right)	switch to ground (200mA)
15	O / P	Lock relay	switch to ground (200mA)
16			
17			
18			
19	O / P	Alarm LED	switch to +12V (20mA)
20	O / P	Start inhibited	coded communication
21	O / P	Memory seat 1	switch to +12V for 500ms
22	O / P	All close	switch to ground
23	O / P	Interior lights on	switch to ground for 80ms \pm 5%
24	O / P	Horn relay	switch to ground (200ms)
25	I / P	Power ground	0V (nominal)
26	O / P	Sounder -ve	

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Connector B (16-way)

Pin No.	Signal	Description	Comment
01			
02		Intrusion sensor (RH)	ground screen
03	O / P	Intrusion sensor (RH)	40kHz
04	I / P	Intrusion sensor (RH)	signal
05	O / P	Intrusion sensor (RH)	+8V
06		Ground	
07		R.F. ground	
08		Diagnostic ISO K line	
09			
10		Intrusion sensor (LH)	ground
11	O / P	Intrusion sensor (LH)	40kHz
12	I / P	Intrusion sensor (LH)	signal
13	O / P	Intrusion sensor (LH)	+8V
14		Ground	
15	I / P	R.F. signal	
16		Diagnostic ISO L line	diagnostic link input



Connector C (12-way)

Pin No.	Signal	Description	Comment
01	I/P	Passenger door ajar	switch to ground
02	I/P	Trunk lid release external	switch to ground
03	I/P	Gearshift 'in-park' signal	not in-park = ground
04	I/P	Lock actuator status (RH)	switch to ground
05	I/P	Passenger door key unlock	switch to ground
06	I/P	Driver door key unlock	switch to ground
07	I/P	Driver door ajar	switch to ground
08	I/P	Ignition coil on (aux)	switch to ground
09	I/P	Transponder immobilization	data communications
10	I/P	Lock actuator status (LH)	switch to ground
11	I/P	Passenger door key lock	switch to ground
12	I/P	Driver door key lock	switch to ground

Connector D (22-way)

Pin No.	Signal	Description	Comment
01	O/P	Fuel filler flap lock	switch to ground 200mA
02			
03			
04			
05			
06	I/P	Trunk valet isolate switch	momentary switch to ground
07	I/P	Inclination alarm	
08	I/P	Trunk lid release (internal)	switch to ground
09	I/P	Hood open / ajar	switch to ground
10	I/P	Inertia switch	switch to ground
11	O/P	Transponder immobilization on	data communications
12	O/P	Memory seat remote indicator	switch to ground for 500ms
13	O/P	Headlight convenience	switch to ground for 25 seconds
14			
15			
16			
17	I/P	Ignition on	switch to ground
18	I/P	Ignition key in	switch to ground
19	I/P	Central locking switch	switch to ground
20	I/P	Trunk lid ajar	switch to ground
21	I/P	Rear doors ajar	switch to ground
22	O/P	Unlock relay	switch to ground (200mA)