

If you experience any problems with installation, operations or need applications information not covered in this brochure, call our "Mopar Technical Service" hot line toll free at:

1-800-86MOPAR (1-800-866-6727)
8am to 5pm M-F (ET)

"Please have Product Part Number and Application available for reference"

MOPAR Remanufactured Spark Control Computer 12 Month / 12,000 Mile Limited Warranty

This MOPAR Spark Control Computer is warranted by Chrysler Corporation against defects in workmanship or materials for 12 months or 12,000 miles, whichever comes first, from the date of its installation into a Chrysler, Plymouth, Dodge, Jeep or Eagle vehicle. If it fails, it will be repaired or replaced, at the option of Chrysler Corporation. To obtain service under this Limited Warranty, return the module to an authorized Chrysler Corporation Dealer.

This is the only warranty to this computer. If this computer is not sold for installation into a vehicle which is operated for personal, family or household purposes, Chrysler disclaims any implied warranties which may pass with the sale of this computer, to the extent allowed by law. If this computer is sold for installation into a vehicle which is operated for personal, family or household purposes, Chrysler limits the duration of any implied warranties to the duration of the express warranty made above. Under no circumstances will Chrysler be liable for any incidental or consequential damages which may result from the breach of any expressed or implied warranty, including any liability for loss of use or diminished value.

Some states do not allow limitations on how long an implied warranty will last or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

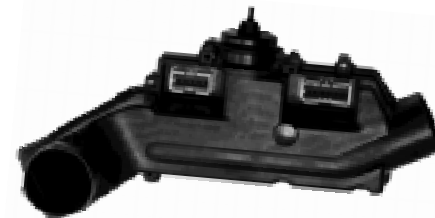


MOPAR REMANUFACTURED SPARK CONTROL COMPUTERS (SCC)

Removal and Installation Instructions



6 & 8 CYLINDER ENGINES



4 CYLINDER ENGINES

Important

Before attempting any repairs you should refer to appropriate Chrysler Corporation service manuals for complete troubleshooting and repair procedures, along with required diagnostic tools. These manuals are available through your local Chrysler Corporation Dealer.

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Safety Precautions

Before replacing any damaged component you should always first determine what caused the component to fail and repair that before continuing.

Static electricity can damage electronic components. By following a few safety procedures you can reduce the risk of damage from static electricity.

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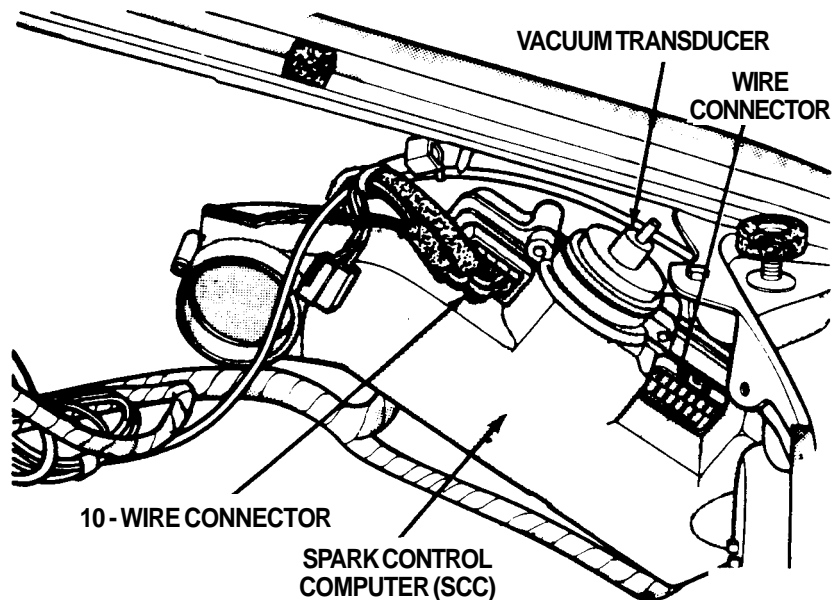
1. Avoid contact with the electrical connectors.
2. By frequently touching a known good ground during installation you can discharge any static electricity that you may have developed.

Caution: Do not remove grease from 10, 12 or 14 way connector or connector(S). The grease is used in order to prevent moisture from corroding the terminals. If there isn't at least 1/8 inch of grease on bottom of computer connector cavities, apply Mopar Multipurpose Grease Part # 04318063 or equivalent in connector cavity before reinstalling computer.

Removal Procedure

4 Cylinder Engines (Mounted to left side fender wall)

1. Turn ignition off.
2. Disconnect and Remove battery.
3. Remove the vacuum hose from the Spark Control Computer (SCC).
4. Remove the harness connector(s).
5. Remove the outside air duct from the SCC.
6. Loosen and remove the three mounting bolts from the SCC.

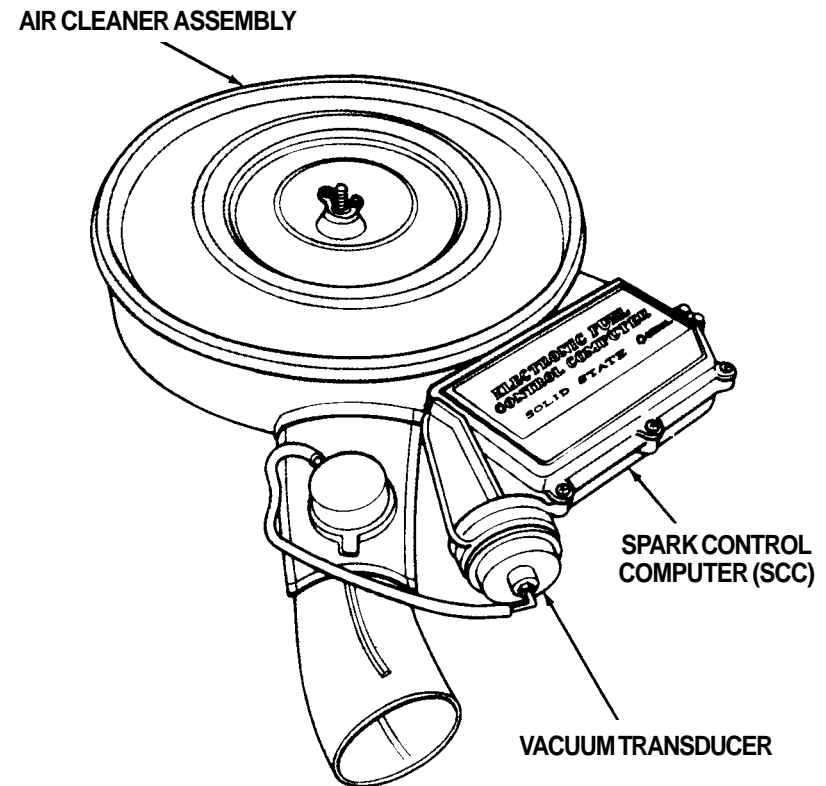


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Removal Procedure

6 & 8 Cylinder Engines (Mounted to air cleaner)

1. Turn ignition off.
2. Disconnect the battery ground cable from battery.
3. Remove the vacuum hose from the vacuum transducer on the SCC.
4. Remove the harness connector(s) from the SCC.
5. Remove air cleaner cover and remove the five screws securing SCC to air cleaner housing.



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Installing the Replacement SCC

1. Apply adhesive gasket to SCC (6 & 8 cylinder engines) and position computer on air cleaner housing or left fender wall (4 cylinder engines). Secure SCC with original hardware.
2. Reconnect the wiring harness connectors to the SCC.
3. Install the vacuum hose on the vacuum transducer.
4. Connect the outside air duct to SCC (4 cylinder engines).
5. Replace air cleaner cover (6 & 8 cylinder engines).
6. Reinstall battery and connect battery cables (4 cylinder engines).
7. Connect battery ground cable (6 & 8 cylinder engines).

Troubleshooting Tips for Spark Control Computers

Common Failures that cause Mis-Diagnosis of SCC's:

- Charging system malfunction; Alternator defective, or battery not fully charged. NOTE: SCC does not control charging system in carbureted vehicles. There is an external voltage regulator.
- Vacuum systems; Contaminants or leaks in vacuum lines, notably in line connected to transducer on SCC.
- Pin connections; Check to ensure harness connector pins to SCC or sensors are not spread apart or corroded causing open or intermittent connections.
- Secondary ignition; Aftermarket replacement parts not in specification with OEM. Example: Spark plug wire resistance or wire length.
- Exhaust system; Catalytic converter malfunctioning or clogged.
- Magnetic pick-ups; Check air gap and resistance of pick-up(s). Some aftermarket pick-ups have not worked properly with Mopar engine controllers.
- Excessive current on certain connector pins may damage the SCC. Use of a test lamp or a short in the wiring harness of the vehicle can cause this condition. Always use a DVM when checking the unit/system.
- Check Technical Service Bulletins according to model year and system malfunction.

Part Number Applications

Reman. Part No.	Vehicle Application -	
	Year, Body Type	Engine Specifications
R4111679	1979 ALL RWD PASS CARS	360 2BBL FED
R5206061	1978 ALL RWD PASS CARS	440 & 5.2L 4BBL A/T
R5206086	1978 ALL RWD PASS CARS	400 & 5.9L 4BBL - 5.2L 2BBL A/T & M/T
R5206089	1978 ALL RWD PASS CARS	5.9L 2BBL A/T
R5206112	1978 L BODY	1.7L 2BBL A/T & M/T
R5211692	1979 ALL RWD PASS CARS	5.2L 2 & 4BBL M/T
R4240500	1982 FIELD FIX	2.2L 2BBL A/T
R4289024	1982-83 D BODY	3.7L 2BBL M/T OD FEDCAN
R4289058	1983 RWD PASS CARS & (D BODY CAL ONLY)	3.7L 1BBL FED CAL
R4289065	1983 RWD PASS CAR & 1983-84 D BODY	5.2L 2BBL A/T & M/T FED CAL HI/ALT
R4289083	1983 B BODY	3.7L 1BBL A/T CAL
R4289086	1983-84 B BODY	5.2L 2BBL M/T FED CAL HI/ALT
R4289097	1983-84 D BODY	3.7L 1BBL A/T & M/T FEDCAN
R4289304	1984 D BODY	3.7L 1BBL A/T & M/T OD
R4289352	1984 B BODY	3.7L A/T FED
R4289603	1985-87 B,D BODY	3.7L M/T FED
R4289813	1985-89 RWD PASS CARS	5.2L 2BBL A/T & M/T FED
R4379177	1985-87 B,D BODY	3.7L 1BBL A/T FED
R4379181	1985 B BODY	3.7L 1BBL A/T CAL
R4379215	1986-87 D BODY	3.7L 1BBL A/T FED CAN

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<u>Reman. Part No.</u>	<u>Vehicle Application - Year, Body Type</u>	<u>Engine Specifications</u>	<u>Reman. Part No.</u>	<u>Vehicle Application - Year, Body Type</u>	<u>Engine Specifications</u>
R4379223	1986-87 D BODY	5.2L 2BBL M/T FED CAN	R5227737	1986 S BODY	2.2L 2BBL A/T FED CAN
R4379224	1986-87 D BODY	5.2L 2BBL A/T FED CAN	R5227742	1986 S BODY	2.2L 2BBL M/T CAL
R4379235	1986-87 B,D BODY	5.2L 2BBL A/T CAL	R5233155	1987 S BODY	2.2L 2BBL A/T FED CAN
R4379255	1986-88 RWD PASS CARS	5.2L 2BBL A/T FED (FIELD FIX)	R5233165	1987 S BODY	2.2L 2BBL M/T CAL HI/ALT
R4379273	1987-88 N BODY	2.2L 2BBL M/T	R5279121	1985-89 RWD PASS CAR	5.2L 2BBL A/T CAL
R4379484	1986-89 RWD PASS CARS	5.2L 2BBL A/T	R5289444	1984 RWD PASS CAR	5.2L 2BBL A/T & M/T
R4379564	1986 TRUCK	3.9L 2BBL A/T FED CAL HI/ALT	R5227720	1985-87 L BODY	2.2L 2BBL A/T CAL
R4379565	1987 TRUCK	3.9L 2BBL M/T FED CAL HI/ALT	R5233149	1987 S BODY	2.2L 2BBL M/T FED CAN RFI
R4379484	1986-89 RWD PASS CARS	5.2L 2BBL A/T	R4443920	1987 B,D BODY	5.2L 2BBL M/T CAL HI-ALT
R4379564	1986 TRUCK	3.9L 2BBL A/T FED CAL HI/ALT			
R4379565	1987 TRUCK	3.9L 2BBL M/T FED CAL HI/ALT			
R4379569	1987 TRUCK	2.2L 2BBL M/T FED CAL HI/ALT			
R5213631	1982 FWD PASS CARS	2.2L 2BBL A/T & M/T FED CAL			
R5213856	1983 FWD PASS CARS	2.2L 2BBL A/T & M/T FED CAL			
R5226176	1984 S BODY	2.2L 2BBL A/T & M/T FED CAN			
R5226372	1984 S BODY	2.2L 2BBL A/T HI-ALT			
R5226433	1985 L BODY	2.2L 2BBL A/T (T110) FEDCAL HI/ALT			
R5227709	1985-86 FWD PASS CARS	2.2L 2BBL A/T CAL			
R5227718	1987 L BODY	2.2L 2BBL A/T FED CAN CAL HI/ALT			
R5227736	1985 S BODY	2.2L 2BBL M/T CAL HI/ALT			

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