



SVIE BULLETIN # 02

SUBJECT: Vehicle Remote Start Capability

MODELS AFFECTED: C/K, M/L & G Trucks

MODEL YEAR(S): 1998

DATE: 11/10/97

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ADVISORY

CONDITION

Some customers may request the ability to remote start the vehicle engine such as required for lift basket operation.

A remote start system will not function with the current Theft Deterrent System (Passlock) included on 98 MY C/K, M/L and G trucks.

CAUSE

If an attempt is made to start a vehicle by a means other than a key rotation in the ignition switch the Passlock Module will interpret this start as a vehicle theft and disable the fuel injectors.

CORRECTION

A minor wiring modification may be made to allow the vehicle to be started remotely.

This modification includes adding a switch to allow the customer to select "on" to allow remote starting or "off" for normal Passlock operation.

Caution: **When this modification is installed and turned on the theft deterrent feature will be disabled. When the theft deterrent is disabled the SECURITY telltale will turn on indicating the Theft Deterrent System is not functioning.**

PASSLOCK MODIFICATION

Refer to appropriate GM service manuals and/or SVMQP electrical manual for instruction on splicing and electrical connections.

Refer to page 3 and 4 of this Bulletin for the location of the Passlock Modules.

1. Select a suitable on-off switch. (Note: This is an extremely low current circuit. It is therefore very important that a high quality low energy switch be utilized for this application.) Mount the switch in a location, close to the Passlock Module, that is accessible to the driver and will not interfere with normal vehicle operation.
2. Turn ignition switch off.



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3. Locate the Passlock Module and identify the purple Class 2 data link wire that exits wire cavity B4 of the 16 way connector. Cut this purple wire close to the Passlock Module. Make sure there are no splices or connectors between your cut and the Passlock Module.
4. Splice a .5mm (20 gauge English) purple wire to each end of the cut wire. Keep wire length to a minimum. Route modification wires clear of moving parts. Connect the purple wires to the switch contacts that are open when the switch is in the on position. Secure wire to prevent pulling or strain on the wires.
5. Turn modification switch off.
6. Start vehicle to verify normal operation. If vehicle “cranks but won’t run” recheck the switch position, (contacts should be closed) wire connectors and modification wiring.

SWITCH OPERATION

To enable remote start:

The vehicle must be running when the modification switch is turned on (contacts open). With the modification switch on, the Security Telltale will be on indicating the Passlock System is inoperative. Once the Security telltale has been on for at least 5 seconds the vehicle can be remotely started.

To disable remote start:

The modification switch can be switched off (contacts closed) when the vehicle is running or turned off. If battery power is lost to the Vehicle Control Module/Powertrain Control Module (VCM/PCM) the modification switch must be turned off to start the vehicle.

NOTICE

A vehicle with this modification will set Diagnostic Trouble Codes (DTCs) in the VCM/PCM when the switch is turned on. The DTCs will go to history in the ignition cycle following the modification switch being turned off.

Any condition which removes battery power from the VCM/PCM (e.g. dead battery, disconnected harness connectors, etc.) will prevent the vehicle from being restarted. If the vehicle exhibits a “Crankes but won’t run” symptom, make sure that the modification switch is in the “off” (contacts closed) position.



SV IE

SPECIAL VEHICLE INTEGRATION ENGINEERING

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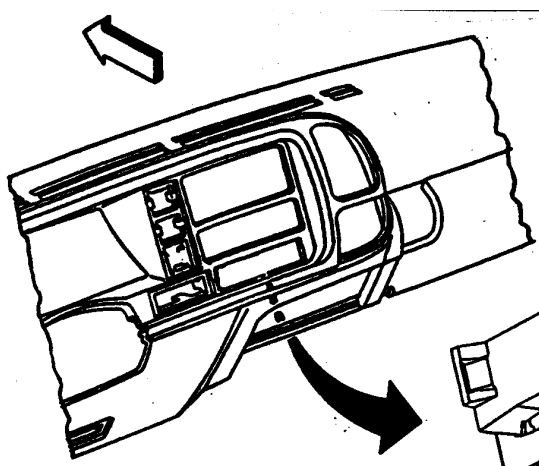
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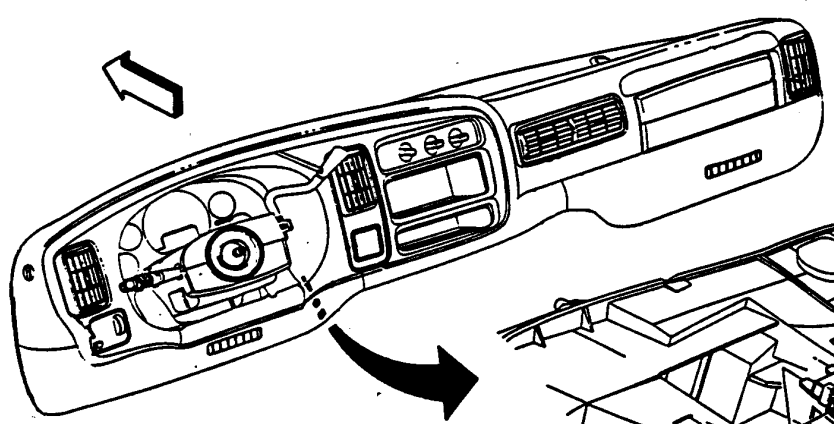
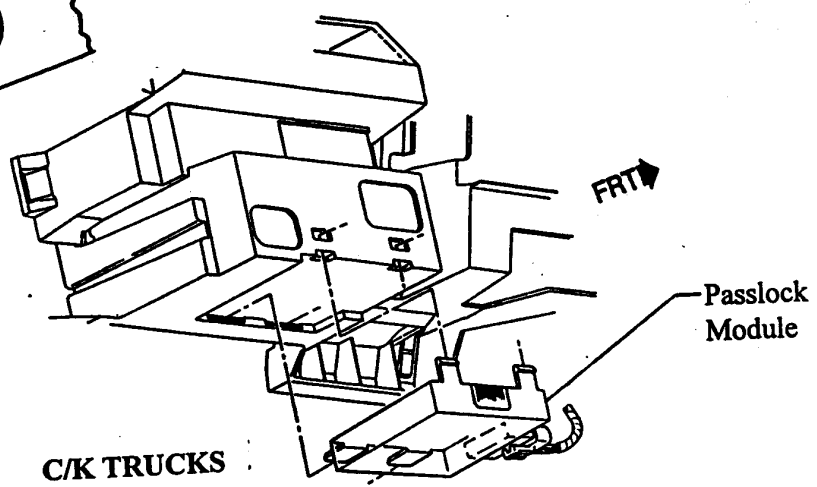
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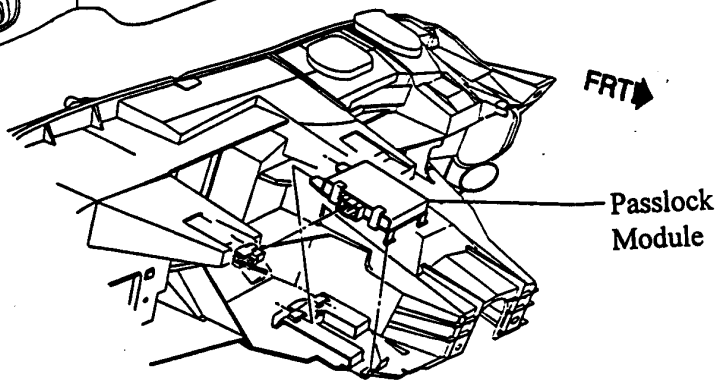
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The C/K Truck Passlock Module is located beneath the outer I/P storage pocket housing, which is below the radio & HVAC controls.



The G Van Passlock Module is located just to the right of the steering column and mounted on top of the I/P carrier shelf.





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