

Bulletin No.:	9573L30-01
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Product Service Bulletin

SUBJECT: TORQUE CONVERTER CLUTCH (TCC) CHUGGLE/HUNTING CONDITION

MODELS: 1989-1995 GEO TRACKER, CAMI VITARA, SUZUKI SIDEKICK
WITH HYDRA-MATIC 3L30 AUTOMATIC TRANSMISSION

CONDITION:

Some owners may experience a Torque Converter Clutch (TCC) chuggle/hunting condition.

TCC chuggle/hunting occurs with the vehicle at normal operating temperature, in 3rd gear, at approximately 40-45 mph on a level road or a slight grade (mostly occurring when driving uphill), the engine speed at approximately 2500-2700 rpm, and with the throttle opening at approximately 10 percent-50 percent. Under these conditions, rapid, repeated apply/release of the converter clutch may cause a bucking or jerking sensation.

CAUSE:

This concern is due to Governor Pressure Switch instability when the vehicle speed is constant at TCC apply.

CORRECTION:

Install the Time Delay Module Kit into the TCC relay circuit to address the TCC chuggle/hunting condition.

SERVICE INFORMATION:

When servicing a transmission for a TCC chuggle/hunting condition, install the Time Delay Module Kit to resolve this condition.

TCC APPLY TIME DELAY MODULE INSTALLATION INSTRUCTIONS:

1. Disconnect the battery. (Figure 2)
2. Disconnect the green connector from the TCC relay. (Figure 2)

3. Disconnect the white wire from the green connector. Remove the terminal **carefully** with a narrow screwdriver as indicated. (Figure 1)
4. Connect the white wire to the Time Delay Module and wrap with electrical tape. Install the red wire from the Time Delay Module into the open terminal of the green TCC relay connector. (Figure 4)
5. Reconnect the green connector to the TCC relay and install the TCC relay onto the relay center. (Figure 4)
6. Clip the Time Delay Module onto the A/C fan relay. (Figure 3)

NOTE: If the vehicle is not equipped with air conditioning, install the rubber connector from the kit onto the fuse box tab and then clip the Time Delay Module onto the rubber connector.

PARTS INFORMATION:

Part Number	Description
96041311	Kit, Time Delay Module Time Delay Module Rubber Connector Instruction Sheet

Parts are currently available from GMSPO.

WARRANTY INFORMATION:

For vehicles repaired under warranty, use:

Labor Operations: K6108
0.2 Hours