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**1985 Chevrolet Corvette V8-350 5.7L**

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**M/T - Loss of Overdrive Operation**

85-68

7B

APR., 1985

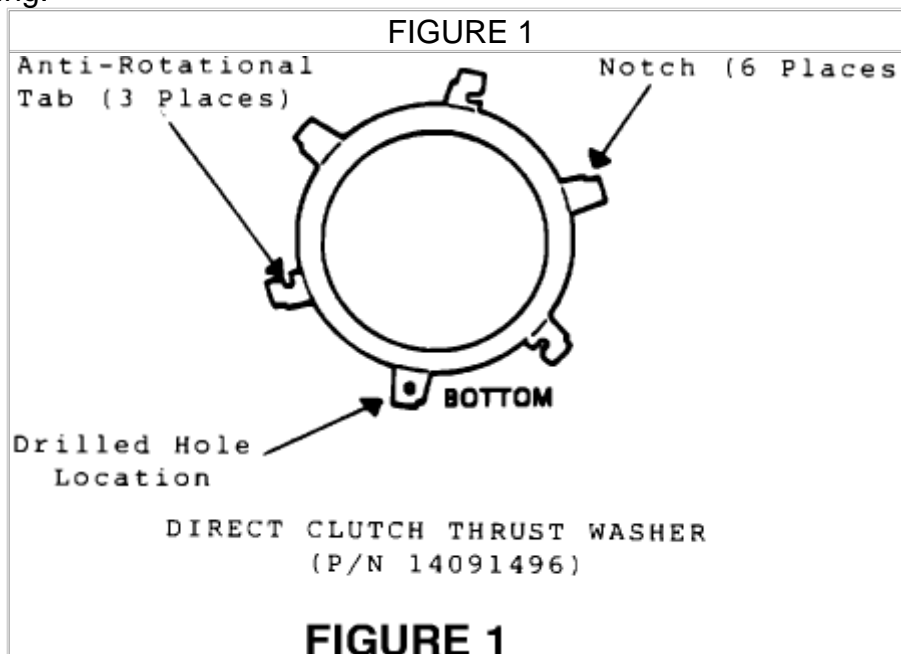
Subject: LOSS OF OVERDRIVE - 4-SPEED MANUAL TRANSMISSION

Model and Year: 1984-85 CORVETTE

TO: ALL CHEVROLET DEALERS

Some 1984-85 Chevrolet Corvettes equipped with the 4-speed manual transmission and a experience a loss of overdrive operation.

This condition may be caused by a hang-up of the direct clutch thrust washer if the washer groove in the overdrive unit's aluminum [case](#), the washer may then hang up in this groove | applying.



On transmissions beginning with serial number D4L 10837CD, a new direct clutch thrust washer (P/N 14091496) incorporates notches in all the tangs as well as anti-rotational tab: Figure 1) which prevent the washer from contacting the [case](#) wall.

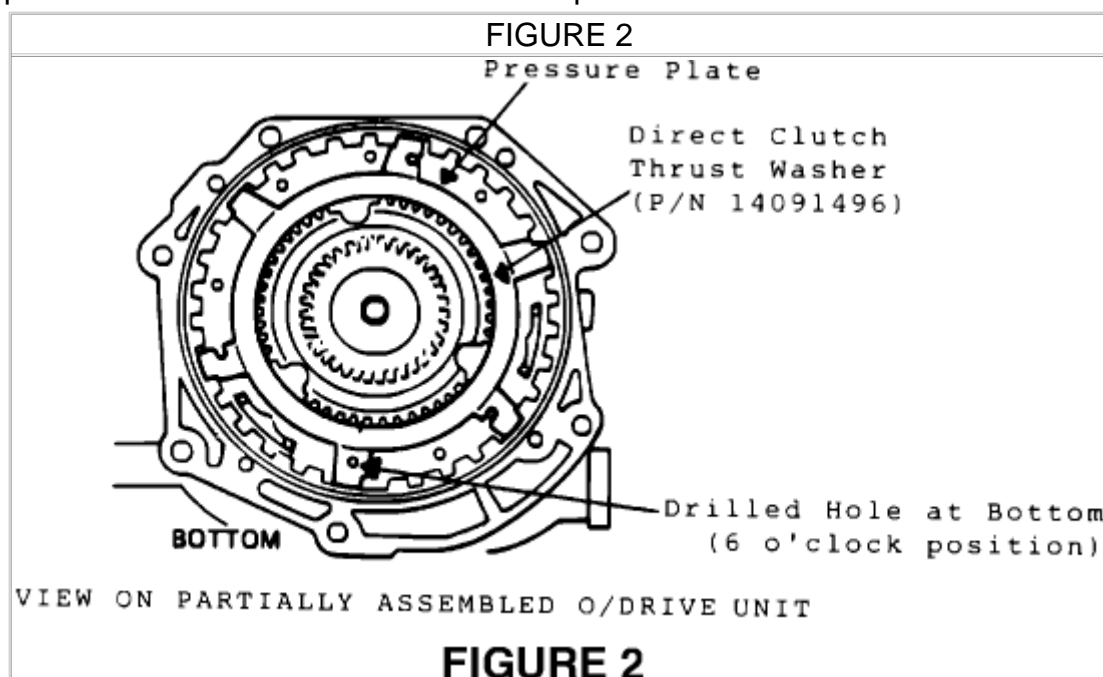
Vehicles that may experience this condition will have transmissions built prior to serial number

transmissions are to be repaired by disassembling the overdrive unit according to the applicable service manual to enable the following to be carried out:

1. Inspect the [pressure plate](#) outside circumference for signs of contact with the [case](#) wall. If a case and pressure plate should be replaced. If no sign of contact is present, then the case can be reused.

NOTICE: The [pressure plate](#) is the aluminum cast part which is located behind the stamp as Item 51 in the exploded view of the overdrive unit in the service manual.

2. Replace all burnt direct and indirect clutch plates.



Zoom

Sized for Print

3. Replace the direct clutch thrust washer with the new, P/N 14091496, washer. Install the [pressure plate](#) and ensuring that the anti-rotational tabs are located in the pockets in the case that the finger on the washer that has the drilled hole is located to the bottom of the [case](#). See Figure 2.

NOTICE: Whenever an overdrive unit from a transmission built prior to serial number C is replaced for any reason, it is recommended that a new, P/N 14091496, direct clutch thrust washer be installed to prevent potential future washer hang-up occurring.

The overdrive unit's serial number is on a metal tag attached to the oil pan by the front rail.

Labor Operation Number: K2900

Labor Time: 2.5 hours

Add: (A) To recondition direct clutch: 1.2 hours

(B) To recondition overdrive unit: 2.3 hours Inc.: Includes above add a

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