



## THM 4L60 (700-R4)

### SLIPPING IN REVERSE - BURNT LO/REVERSE CLUTCHES

A 1984 Model THM 700-R4 transmission experiences a “slips n reverse” along with burned lo and reverse clutch plates. a possible cause may be an incorrectly machined boss bolt hole al the end of the line bias valve (Fig. 1 ). The boss surface may have been machined off about .040” - .050” too much. Thus allows the valve body attaching bolt that locates through the sleeve at the end of the line bias valve to interfere with the lo and reverse clutch plates. preventing them from releasing properly. When this occurs. the bolt end and the clutch plates will have wear or burrs.

- 1 Remove lo & reverse clutch assembly from transmission.
- 2 Check clutch plates for evidence or burrs caused by boll interference.
- 3 If still not sure. install valve body bath on transmission and check inside case to determine if bolt is protruding through.
- 4 Remove the bolt that is located al the end of the line bias valve.
- 5 Install a 2 mm (.080”) washer under bolt head (rig. 4).

Notice: If the bolt already has a washer, be certain when reassembling the washer that it’s in the correct location.

Reassemble. following procedure outlined in the service manual.

Notice: Washer is not required, if above conditions does not exist. Adding washer, when not needed. could result in stripping bolt threads in case.

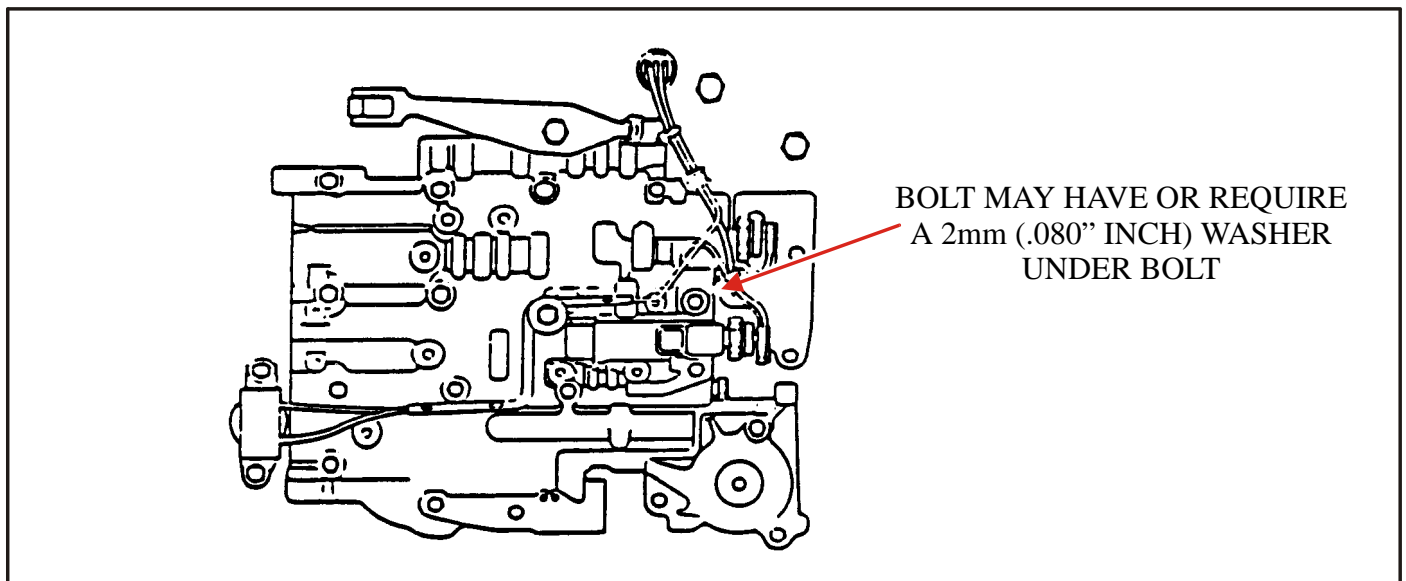


Figure 1