



# Technical Service Information

## THM 4T65-E NO 3-4 SHIFT

**COMPLAINT:** Any General Motors or import vehicle, equipped with the THM 4T65-E transaxle may come into the shop with a complaint of no 3-4 shift at any time.

The PCM (TCM for some imports) *may* or *may not* store any Diagnostic Trouble Codes, such as P0751 (Shift Solenoid "A") or P0730 (Undefined/Incorrect Gear Ratio). All electrical components ckeck okay.

**CAUSE:** The cause may be, stripped splines on the 4th clutch hub and shaft where it splines into the input sun gear, as shown in Figure 1.

**CORRECTION:** Replace the 4th clutch hub and shaft assembly with a new one. Extra care should be exercised when inspecting this area on your normal overhaul, as this is a very common wear area on higher mileage units.

### SERVICE INFORMATION:

4th Clutch Hub and Shaft ..... 24205603

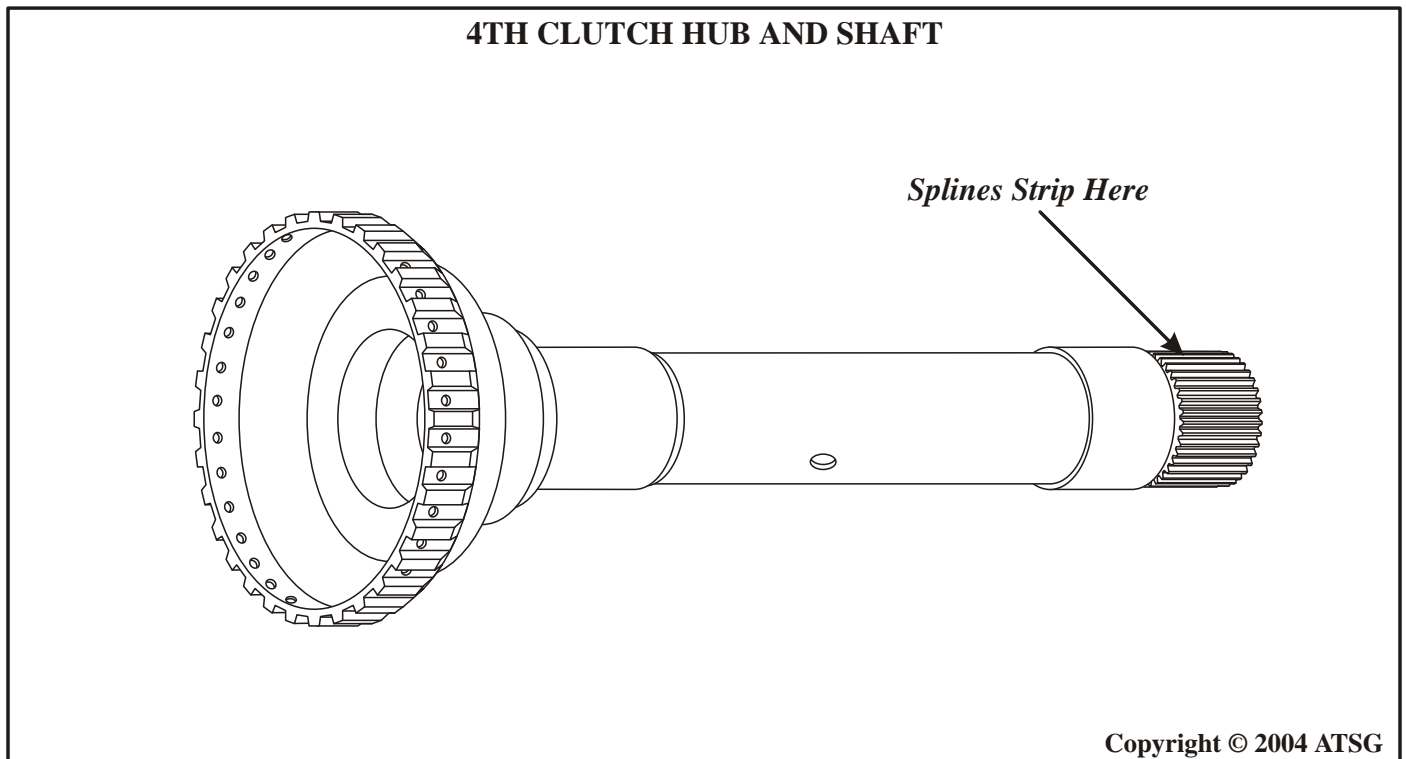


Figure 1