



## **Tech-B12: 1988-1993 Toyota 3.0L Pick-up SQUEALS When COLD**

### **Clutch Kits: 16-059, 16-059-P1 & 16-059-P2**

In vehicles with hydraulic release systems, the release bearing is in constant contact with the clutch diaphragm fingers. A squealing noise on engagement can result when the release bearing in Clutch rotate at different speeds. If the noise stops after approximately 5 minutes, replace the slave cylinder (Toyota recommends replacing with part number #31470-35100). If the noise continues after the vehicle was warm, the cause is probably the bearing and/or the pilot bearing. To determine which bearing is the source of the problem set the park brake, put the vehicle in neutral and start the engine. If it's the release bearing, you'll hear chirping which gets louder when you slowly depress the pedal. If it's the pilot bearing, you'll hear squealing when you actuate and hold the pedal.

*For additional information, see Toyota bulletin #032.*