



Technical Service Information

THM 4T60-E 1-2 ROLLER CLUTCH FAILURE

COMPLAINT: NO. 1: Some 1991-1995 model vehicles equipped with the THM 4T60-E transaxle may exhibit a no movement condition, with the selector lever in the D4 or D3 ranges, but will move when the selector lever is placed into D2 or Lo range.

CAUSE: NO. 2: When the engine RPM is increased with the selector lever in the Park or Neutral position, you may hear a noise that sounds like “Marbles in a Can”, but still moves and shifts properly.

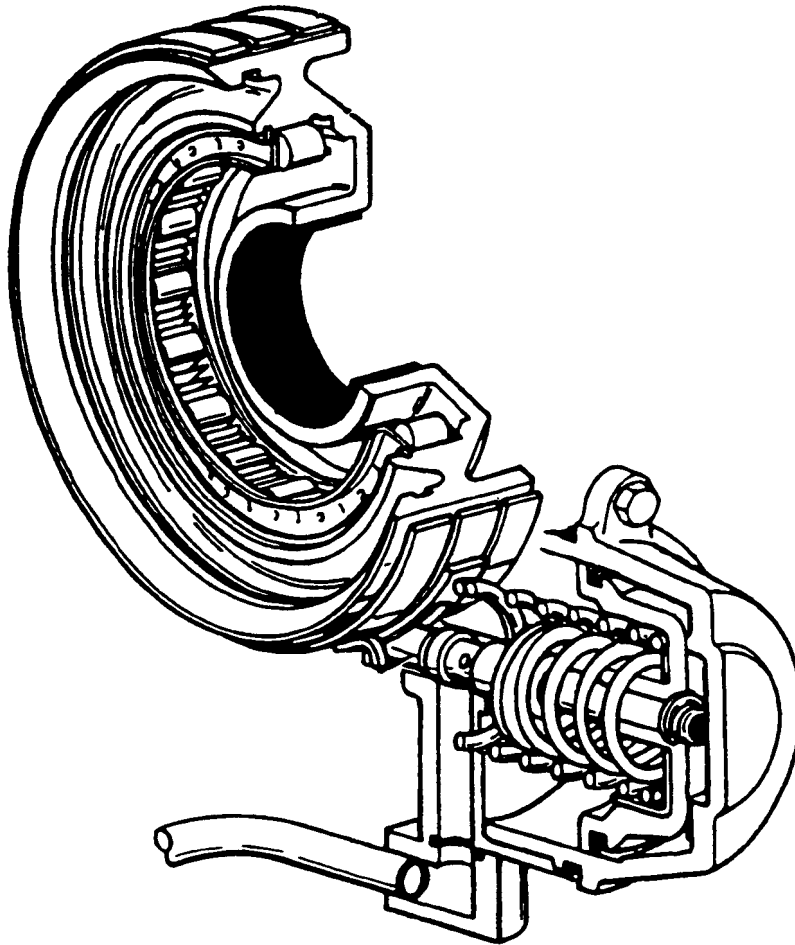
CORRECTION: The cause for both complaints listed above is a 1-2 roller clutch failure.

Replace the 1-2 Roller Clutch Assembly and any related parts that may be damaged or 1 broken (See Figure 1). Before installing into the transaxle, always replace the OEM 1-2 roller clutch springs with Sonnax part number K84956-SP, which contains 16 stronger according springs and is available from your aftermarket parts supplier (See Figure 1).

This is recommended as part of every rebuild to increase transaxle durability.

DO NOT EXCEED 3000 RPM WITH THE SELECTOR LEVER IN REVERSE AND THE WHEELS OFF THE GROUND. IF YOU DO THIS WITH OEM 1-2 ROLLER CLUTCH SPRINGS, YOU CAN FAIL THE 1-2 ROLLER CLUTCH BEFORE IT EVER LEAVES THE SHOP!

1-2 ROLLER CLUTCH ASSEMBLY



***ALWAYS REPLACE THE 1-2 ROLLER CLUTCH SPRINGS
WITH SONNAX PART NUMBER K84956-SP***

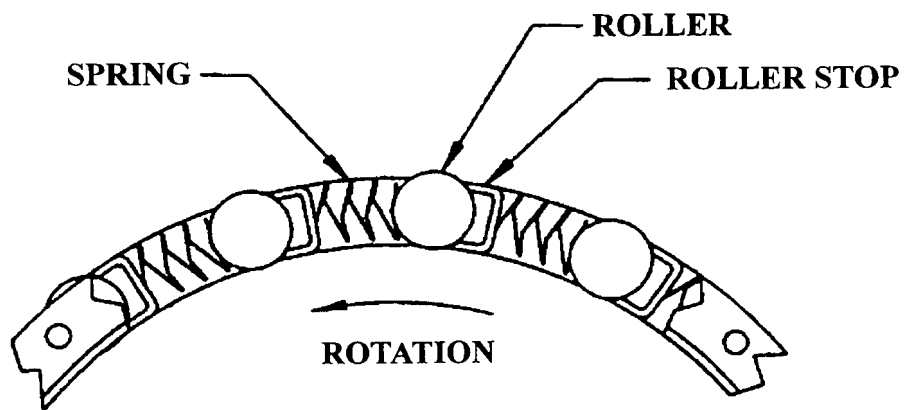


Figure 1