

SATURN TAAT

DELAY IN "D" AND / OR BIND IN REVERSE

COMPLAINT: Before or after overhaul, Saturn vehicles equipped with the MP6 or MP7 transaxle, may exhibit a slight engagement delay in "D" and / or a binding condition in Reverse.

CAUSE: The cause may be, shrunken or damaged 1st Clutch sealing rings, as shown in Figure 1. When these rings leak they can cause a slow fill of the 1st Clutch, which results in a delayed engagement in "D." The first sealing ring also separates the 2nd clutch from the 1st Clutch. When this ring leaks while in the Reverse range, the 1st Clutch can now be applied with 2nd clutch pressure, which results in a bind-up. See Figure 2 for a cross-sectional view of the Main shaft.

CORRECTION: Replace the 1st Clutch sealing rings as part of every overhaul.

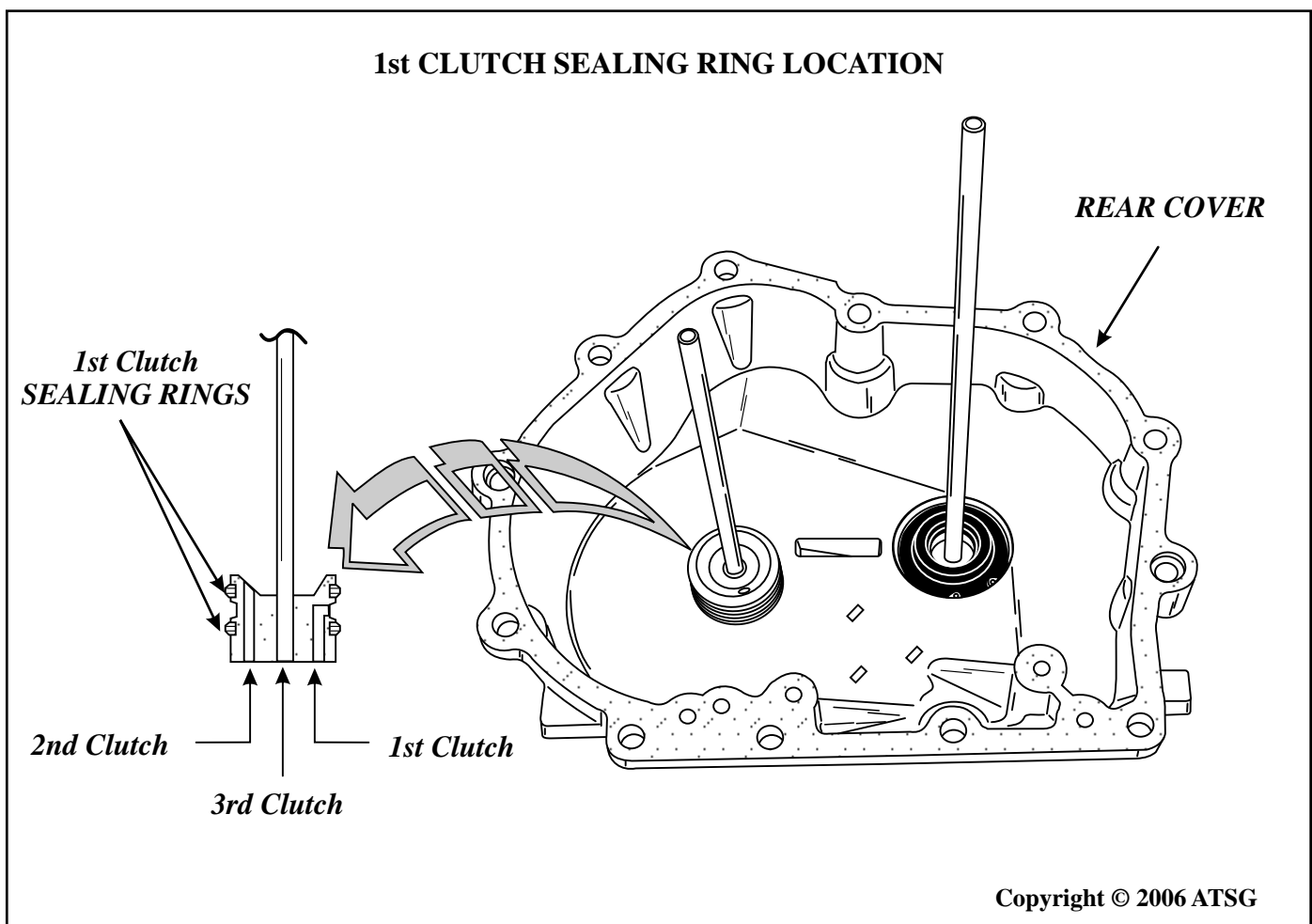
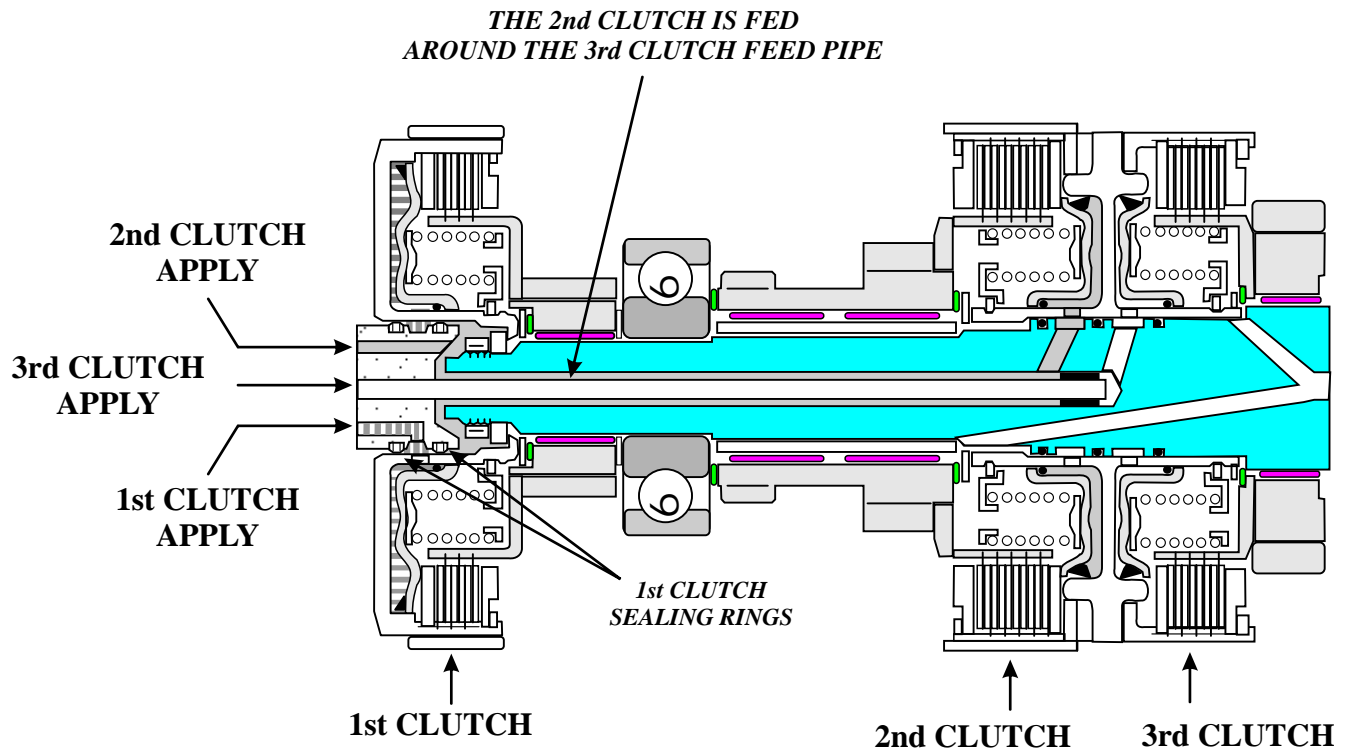


Figure 1

MAINSHAFT CROSS-SECTIONAL VIEW



Summary: When the 2nd Clutch is applied in Reverse, shrunk 1st Clutch sealing rings may allow the 1st Clutch to be applied at the same time, causing a bind-up

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Figure 2