



Technical Service Information

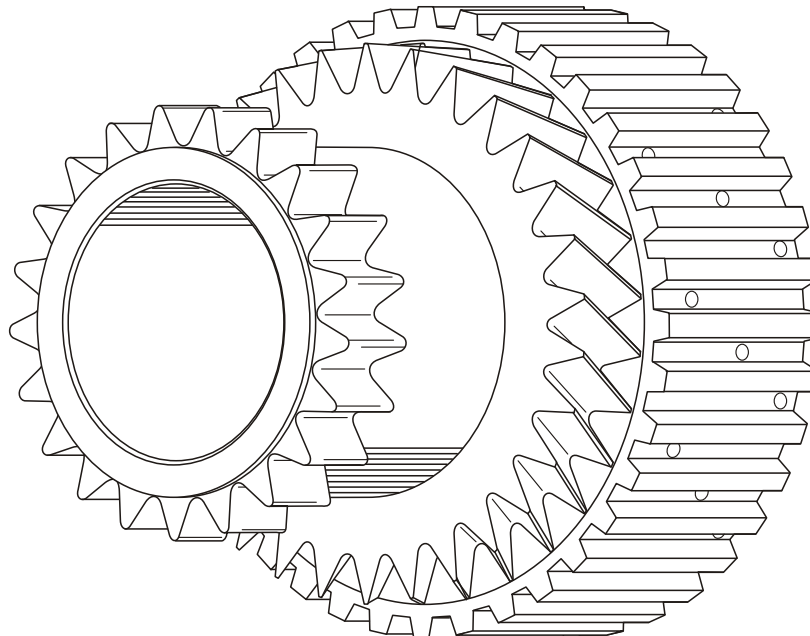
SATURN WHINE NOISE IN 2ND GEAR "ONLY"

COMPLAINT: Some 1998 or 1999 Saturn vehicles equipped with the Base Automatic (MP6) transaxle, built after 1998 VIN WZ312775 through 1999 VIN XZ114349 may exhibit excessive "whine" noise in 2nd gear only that is related to vehicle speed. The pitch increases with vehicle speed and becomes audible soon after the 1-2 upshift, and is present until the tranaxle shifts to 3rd gear. The noise is most noticeable while driving the vehicle in the Manual D2 range.

CAUSE: The cause may be, an improperly machined gear surface on the 2nd/Reverse Drive Gear.

CORRECTION: Remove the transaxle from the vehicle, using the appropriate service manual, and replace the 2nd/Reverse Drive Gear with OEM part number 21003233. Refer to Figures 1 and 2.

**2ND/REVERSE DRIVE GEAR
SATURN PART NUMBER 21003233**



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Figure 1

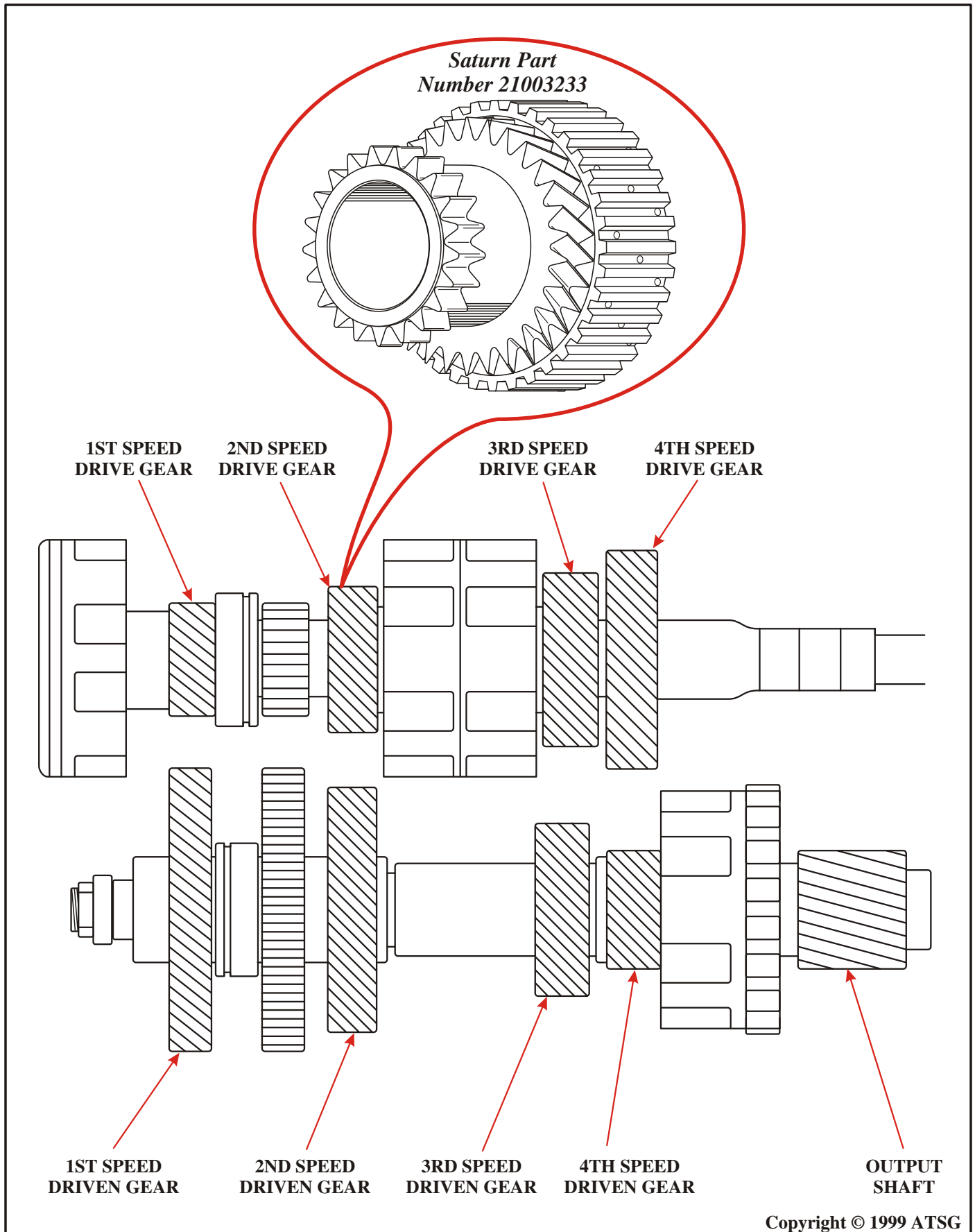


Figure 2