MERCEDES BENZ 722.6

BUZZING NOISE

COMPLAINT: A Mercedes Benz equipped with the 722.6 transmission has a complaint of a buzzing noise coming from the front of the transmission when the engine is running in any gear position. The vehicle had no driveability issues. After further inspection, the noise appeared to be coming from the pump/torque converter area.

CAUSE: The transmission was removed for further inspection and the torque converter was removed. What was immediately seen was the splines at the end of the stator support shaft were stripped, refer to figure 1. A lower portion of the splines were intact which is why the vehicle drove, but the stripped portion of the splines is what was making the buzzing noise.
The torque converter was cut open only to reveal no problem with the mating splines in the converter stator as seen in figure 2.

CORRECTION: The stator shaft support was replaced as well as the torque converter and the noise was no longer present.

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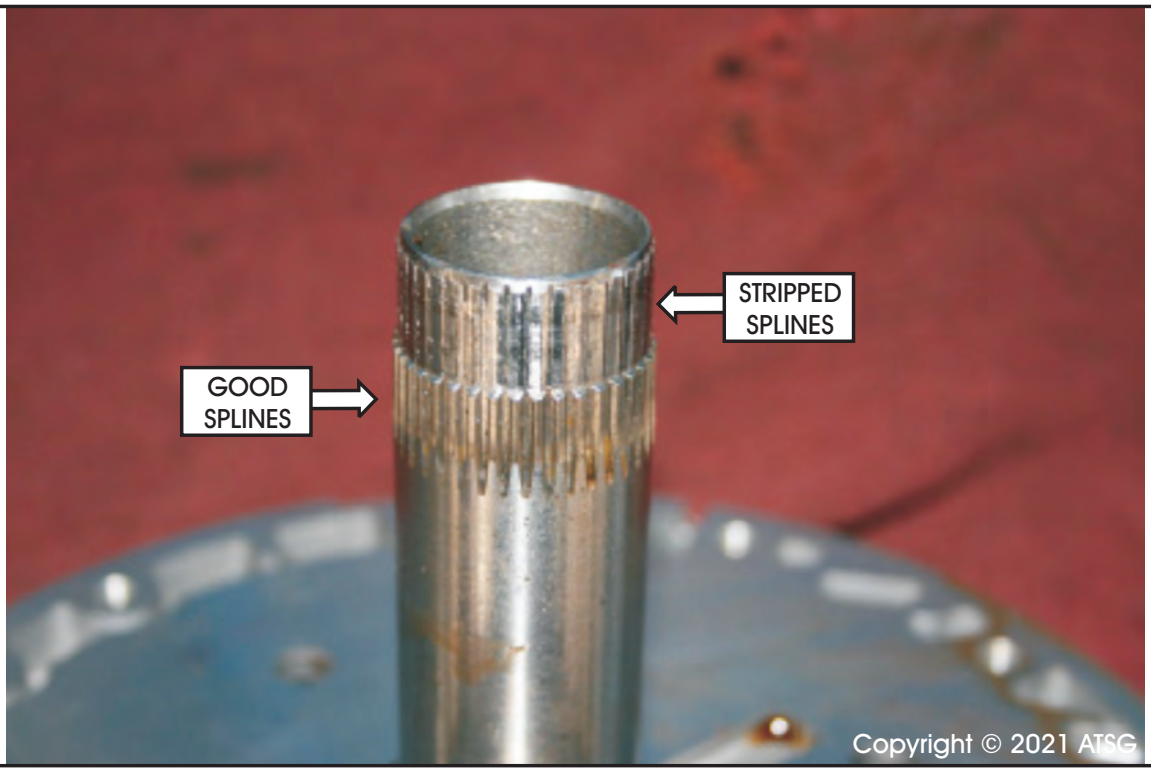

Figure 1

Figure 2