



Subject: RATTLE OR BUZZING SOUND FROM TRANSMISSION WHILE DECELERATION IN 2ND OR 3RD GEAR	Service Alert No.: SA-071/22
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BULLETIN NOTES

APPLICABLE MODEL(S)/VINS:

2016-2018 MX-5

DESCRIPTION

Some customers may experience a buzzing or rattle noise when decelerating in 2nd or 3rd gear 2500-3500 RPM. This is caused when the vehicle decelerates, its weight, together with the pulses from the engine, excites the backlash in the transmission gears, causing them to buzz or rattle. Clearance between transmission gears (backlash) is normal and sometimes can become audible.

REPAIR PROCEDURE

1. Verify the customer's concern.
2. Compare the noise to a 2016-2018 MX-5 (2019+ MX-5 uses a dual-mass flywheel instead of springs in the clutch hub that are used on the 2016-2018 model year.).
3. Verify all the heat shields and exhaust components are secured. Using chassis ears, listen to the center and rear of the transmission. If the noise source is from the transmission, this sound is considered normal.

NOTE: High-Performance clutches could have firmer center clutch disk springs that can transfer stronger engine pulses to the transmission gears and create a louder than normal rattle or buzzing sounds.

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