

- Inspect the FEAD belt.
- Inspect for loose bolts/brackets.
- Inspect the generator/pulley.

DIAGNOSIS AND TESTING > CHARGING SYSTEM - 3.7L DURATEC (227KW 301PS) > PINPOINT TESTS (3.7L) > PINPOINT TEST C : GENERATOR NOISE OR MECHANICAL PERFORMANCE > PINPOINT TEST C : GENERATOR NOISE OR MECHANICAL PERFORMANCE

C1 CHECK FOR ACCESSORY DRIVE BELT NOISE AND LOOSE MOUNTING BRACKETS

Ignition OFF.

Check the FEAD belt and tensioner for damage and correct installation. REFER to: Accessory Drive .

Is the accessory drive OK?

Yes	GO to C2
No	REPAIR as necessary.

C2 CHECK THE GENERATOR MOUNTING

Check the generator mounting for loose bolts or misalignment.

Is the generator mounted correctly?

Yes	GO to C3
No	REPAIR as necessary.

C3 CHECK THE GENERATOR FOR NOISE

Start the engine.

With the engine running, use a stethoscope or equivalent listening device to probe the generator and the accessory drive area for unusual mechanical noise.

Is the generator the noise source?

Yes	With automatic transmission, INSTALL a new generator. REFER to: Generator - 3.7L Duratec (227kW/301PS) . With manual transmission, GO to C4
No	REFER to: ENGINE SYSTEM - GENERAL INFORMATION to diagnose the source of the engine noise.