



HYUNDAI Technical Service Bulletin

Group	CHASSIS
Number	06-50-003
Date	MARCH, 2006
Model	1999 TO CURRENT AZERA, SANTA FE, TUCSON AND SONATA

Subject	ABS PUMP SELF-CHECK NOISE
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CIRCULATE TO:	<input type="checkbox"/> GENERAL MANAGER	<input checked="" type="checkbox"/> PARTS MANAGER	<input checked="" type="checkbox"/> TECHNICIAN
<input checked="" type="checkbox"/> SERVICE ADVISOR	<input checked="" type="checkbox"/> SERVICE MANAGER	<input checked="" type="checkbox"/> WARRANTY MGR	<input checked="" type="checkbox"/> SALES MANAGER

DESCRIPTION:

The Anti-lock Brake System (ABS) performs a hydraulic pump self-check test during the first acceleration after each ignition switch cycle. During this test, the ABS control module tests the pump modulator valves, solenoids and motor operation. This test occurs at a vehicle speed between 0 and 8 mph. During this test, a noise (customers may describe a rattle, groan, growl or gurgling) may be heard and felt through the brake pedal. This momentary noise is only heard during the initial period of vehicle motion. If any faults are found, the system disables the anti-lock braking function and will illuminate the warning lamp and set a diagnostic trouble code.

The purpose of this bulletin is to emphasize that this noise is the result of a normal function self-check test and it cannot be eliminated by replacing the Hydraulic Electronic Control Unit (HECU).

NOTE: The HECU interactive pump self-diagnostic test and the related pump activation noise does not affect the ABS operation.