

SERVICE ALERT

AIR PARKING BRAKE VALVE DIAGNOSIS AND REPLACEMENT

Release Date:	1-19-2016
Affected Years:	11MY-16MY Hino Conventional Trucks
Affected Models:	All Trucks Equipped with Air Brakes
Attention:	Service Managers / Service Personnel / Technical Service Managers

SUBJECT:

The customer may complain of a loss of air pressure after the vehicle has been sitting parked. Some amount of pressure loss is expected and should be considered normal. Roughly 50% of parking brake valves returned through warranty do not exhibit any faults when tested. When testing the valves for leaks, a small (non-audible) amount of air leakage can be expected through the exhaust port of the valve. Please be sure to follow the testing procedure as outlined by section BR02-39 of the Chassis Workshop Manual under Inspection and Repair. If the amount of air leakage is less than the test specification, do not repair or replace the parking brake valve. If the vehicle exhibits a significant loss of air pressure, inspect the rest of the air system for leaks before condemning the parking brake valve.



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INSPECTION PROCEDURE

1. Determine the amount of air pressure loss. Start the engine and allow the air pressure in both tanks to stabilize. Shut the engine off and record the pressure values for both tanks. Monitor the pressure for two minutes with the engine off. If the pressure drops 4 PSI or less in 2 minutes, there is no use for concern. If the pressure drop is greater than 4 PSI in 2 minutes, inspect the entire air brake system for leaks and repair as needed.

2. If a leak from the parking brake valve is suspected, remove the valve and test it for leaks following the Leakage Test procedure, as outlined by section BR02-39 of the Chassis Workshop Manual under Inspection and Repair. If the amount of air leakage is less than the test specification, do not repair or replace the parking brake valve.

NOTE: When testing the valve for leaks, do not side load the knob. A leak may occur when side loading the control knob and can be considered normal. Cycle the valve on and off (in and out) several times when testing for leaks. This may help identify an intermittent leak.

If the valve is replaced under warranty and it does not exhibit an air leak when tested by the manufacturer, it may result in a warranty chargeback.

Sincerely,

Your HINO Service Team



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