

DTC P0132 [LF]

B3E010201084W19

DTC P0132	Front HO2S circuit high input
DETECTION CONDITION	<ul style="list-style-type: none"> The PCM monitors the input voltage from the front HO2S. If the input voltage from the front HO2S sensor is above 1.2 V for 0.8 s, the PCM determines that circuit input is high. Diagnostic support note This is a continuous monitor (HO2S). The MIL illuminates if the PCM detects the above malfunction condition in two consecutive drive cycles or in one drive cycle while the DTC for the same malfunction has been stored in the PCM. PENDING CODE is available if the PCM detects the above malfunction condition during first drive cycle. FREEZE FRAME DATA is available. DTC is stored in the PCM memory.
POSSIBLE CAUSE	<ul style="list-style-type: none"> Front HO2S malfunction Short to power in wiring harness between front HO2S terminal A and PCM terminal 2AG Front HO2S or PCM terminal shorted PCM malfunction

Diagnostic procedure

STEP	INSPECTION	ACTION
1	VERIFY FREEZE FRAME DATA HAS BEEN RECORDED <ul style="list-style-type: none"> Has FREEZE FRAME DATA been recorded? 	Yes Go to the next step.
		No Record the FREEZE FRAME DATA on repair order, then go to the next step.
2	VERIFY RELATED REPAIR INFORMATION AVAILABILITY <ul style="list-style-type: none"> verify related service repair information availability. Is any related repair information available? 	Yes Perform repair or diagnosis according to the available repair information. • If vehicle is not repaired, go to the next step.
		No Go to the next step.

3	VERIFY RELATED PENDING OR STORED DTC <ul style="list-style-type: none"> • Turn the ignition switch off, then to the ON position (Engine off). • Verify pending code or stored DTCs using the WDS or equivalent. • Is other DTC present? 	Yes	Go to the appropriate DTC troubleshooting procedures. (See DTC TABLE [LF] .)
		No	Go to the next step.
4	IDENTIFY TRIGGER DTC FOR FREEZE FRAME DATA <ul style="list-style-type: none"> • Is DTC P0132 on FREEZE FRAME DATA? 	Yes	Go to the next step.
		No	Go to troubleshooting procedures for DTC on FREEZE FRAME DATA. (See DTC TABLE [LF] .)
5	INSPECT FRONT HO2S SIGNAL CIRCUIT FOR SHORT TO POWER SUPPLY <ul style="list-style-type: none"> • Turn the ignition switch off. • Disconnect the front HO2S connector. • Turn the ignition switch to the ON position (Engine off). • Measure the voltage between front HO2S terminal A (wiring harness-side) and body ground. • Is any voltage reading? 	Yes	Replace the wiring harness short to power supply, then go to Step 7.
		No	Go to the next step.
6	VERIFY CURRENT INPUT SIGNAL STATUS <ul style="list-style-type: none"> • Start the engine. • Access O2S12 PID using the WDS or equivalent. • Verify PID while racing the engine at least 10 times in PARK or NEUTRAL. • Does PID remain above 0.45 V? 	Yes	Repair or replace the sensor, then go to the next step.
		No	Go to the next step.
7	VERIFY TROUBLESHOOTING OF DTC P0132 COMPLETED <ul style="list-style-type: none"> • Make sure to reconnect all disconnected connectors. • Turn the ignition switch to the ON position (Engine off). • Clear the DTC from the memory using the WDS or equivalent. • Run HO2S heater, HO2S, and TWC Repair Verification Drive Mode. (See OBD DRIVE MODE [LF].) • Is the PENDING CODE for this DTC present? 	Yes	Replace the PCM, then go to the next step. (See PCM REMOVAL/INSTALLATION [LF] .)
		No	Go to the next step.
8	VERIFY AFTER REPAIR PROCEDURE <ul style="list-style-type: none"> • Perform the "After Repair Procedure". (See AFTER REPAIR PROCEDURE [LF].) • Are any DTC present? 	Yes	Go to the applicable DTC troubleshooting. (See DTC TABLE [LF] .)
		No	Troubleshooting completed.