

NO.21 HIGH OIL CONSUMPTION/LEAKAGE [SKYACTIV-D 2.2]

id0103g1898800

21	HIGH OIL CONSUMPTION/LEAKAGE
DESCRIPTION	<ul style="list-style-type: none">• Oil consumption is excessive.
POSSIBLE CAUSE	<ul style="list-style-type: none">• PCM DTC is stored.• Mechanical (engine) malfunction<ul style="list-style-type: none">— Improper installation of turbocharger— Piston ring malfunction

Diagnostic Procedure

STEP	INSPECTION	RES ULT S	ACTION
1	VERIFY PCM DTC <ul style="list-style-type: none">• Retrieve PCM DTCs using the M-MDS. (See ON-BOARD DIAGNOSTIC TEST [SKYACTIV-D 2.2].)• Are any DTCs present?	Yes	Go to the applicable DTC inspection. (See DTC TABLE [SKYACTIV-D 2.2].)
		No	Go to the next step.
2	VERIFY TURBOCHARGER INSTALLATION CONDITION <ul style="list-style-type: none">• Verify the large-type and small-type turbocharger installation conditions. (See TURBOCHARGER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)• Are the turbocharger installation conditions normal?	Yes	Go to the next step.
		No	Install the turbocharger properly, then go to Step 4. (See TURBOCHARGER REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)
3	INSPECT FOR MALFUNCTION DUE TO INTERNAL ENGINE WEAR, DAMAGE <ul style="list-style-type: none">• Inspect for the following engine internal parts:<ul style="list-style-type: none">— Cylinder— Piston ring• Are all items normal?	Yes	Engine internal parts are normal. <ul style="list-style-type: none">• If other driveability symptoms are present:<ul style="list-style-type: none">— Return to the diagnostic index to service additional symptoms. (See SYMPTOM DIAGNOSTIC INDEX [SKYACTIV-D 2.2].)
		No	Repair or replace the malfunctioning part according to the inspection results, then go to the next step.
4	Verify the test results. <ul style="list-style-type: none">• If normal, return to the diagnostic index to service any additional symptoms. (See SYMPTOM DIAGNOSTIC INDEX [SKYACTIV-D 2.2].)• If a malfunction remains, inspect the related Service Information and perform the repair or diagnosis.<ul style="list-style-type: none">— If the vehicle is repaired, troubleshooting is completed.— If the vehicle is not repaired or additional diagnostic information is not available, replace the PCM. (See PCM REMOVAL/INSTALLATION [SKYACTIV-D 2.2].)		