

Oil Pressure System

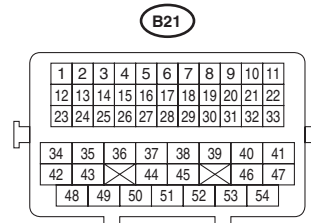
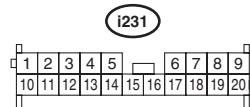
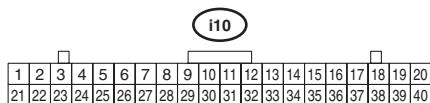
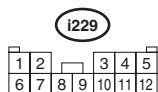
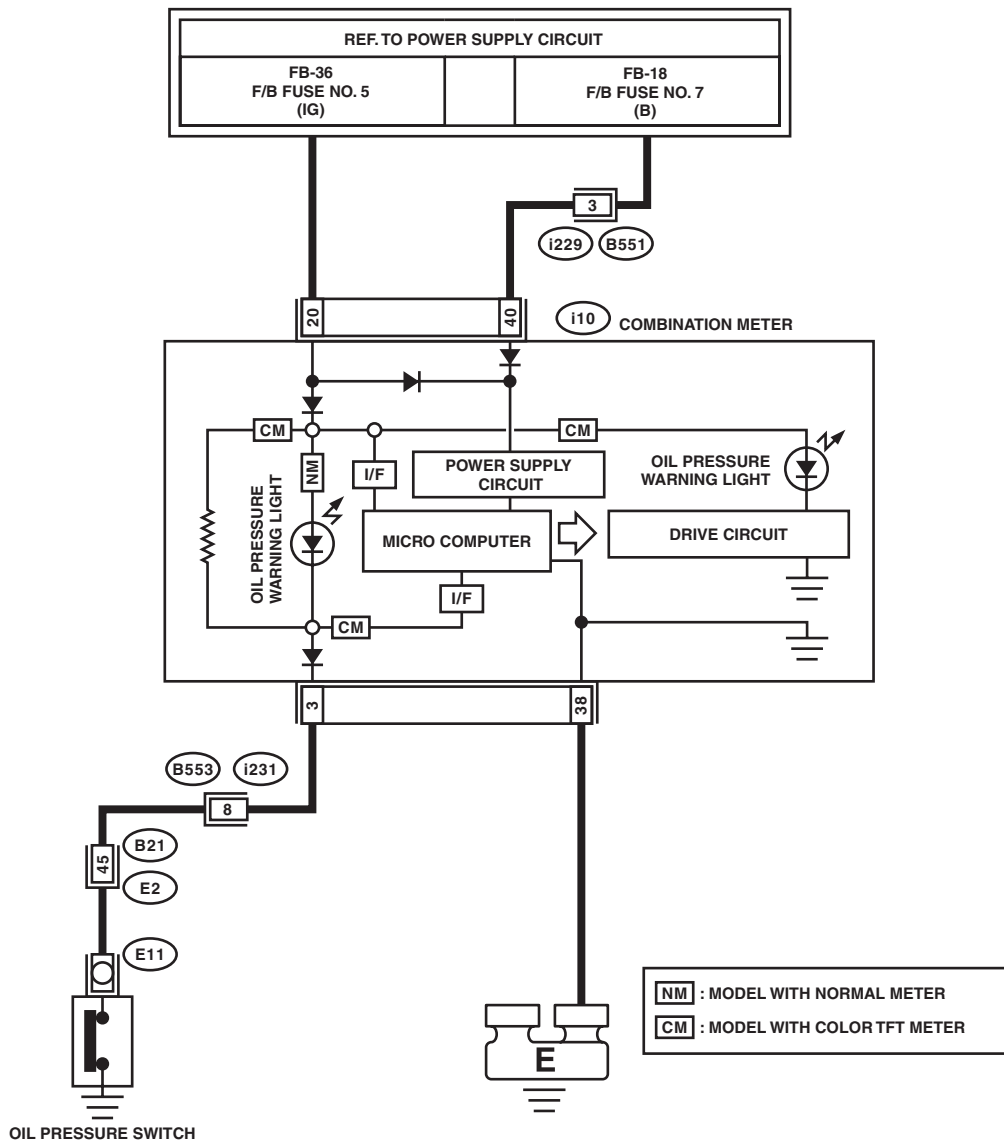
LUBRICATION

2. Oil Pressure System

A: WIRING DIAGRAM

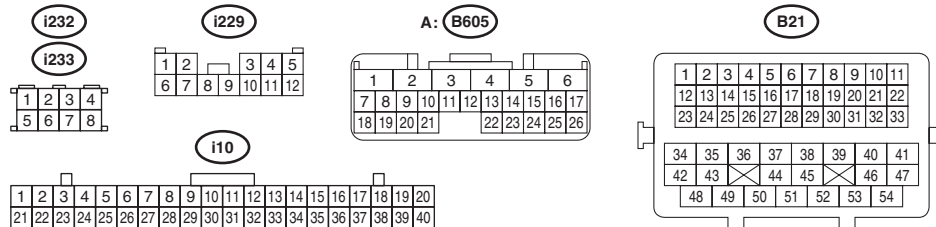
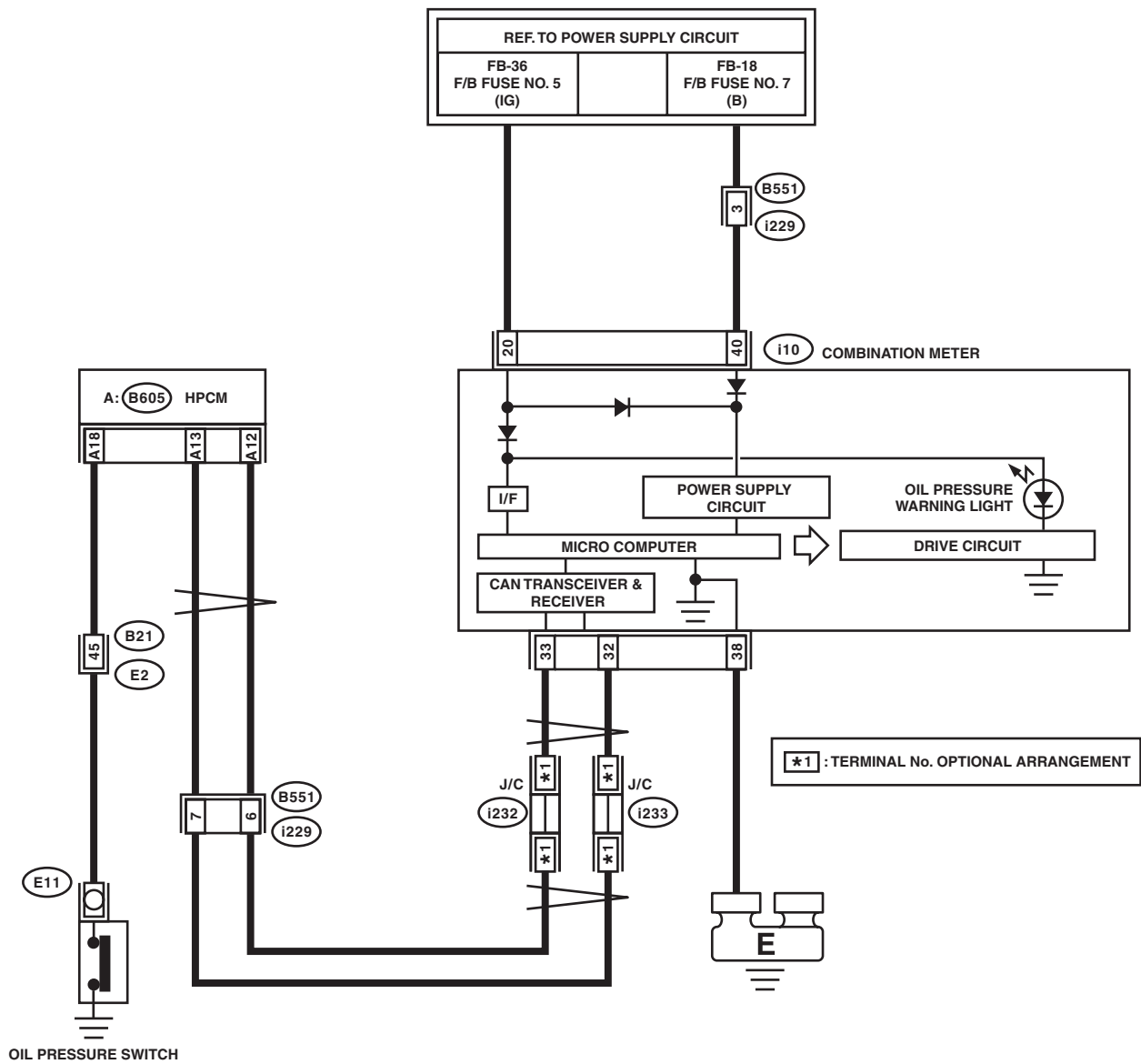
Oil pressure warning system <Ref. to WI(w/o HEV)-173, WIRING DIAGRAM, Oil Pressure Warning Light System.> <Ref. to WI(HEV)-175, WIRING DIAGRAM, Oil Pressure Warning Light System.>

- Gasoline engine model



LU-03372

- HEV model



LU-03373

Oil Pressure System

LUBRICATION

B: INSPECTION

1. GASOLINE ENGINE MODEL

Step	Check	Yes	No
1 CHECK COMBINATION METER. 1) Turn the ignition switch to ON. (engine OFF) 2) Check the warning light in the combination meter.	Does the warning light illuminate?	Go to step 2.	Repair or replace the combination meter. <Ref. to IDI-12, INSPECTION, Combination Meter System.>
2 CHECK POWER SUPPLY TO OIL PRESSURE SWITCH. 1) Turn the ignition switch to OFF. 2) Disconnect the terminal from oil pressure switch. 3) Turn the ignition switch to ON. 4) Measure the voltage between oil pressure switch harness terminal and chassis ground. Terminals (E11) No. 1 (+) — Chassis ground (-):	Is the voltage 10 V or more?	Replace the oil pressure switch. <Ref. to LU(H4DO(w/o HEV))-25, Oil Pressure Switch.>	Go to step 3.
3 CHECK COMBINATION METER. 1) Turn the ignition switch to OFF. 2) Remove the combination meter. 3) Measure the resistance of combination meter. Terminals No. 20 — No. 3:	Is the resistance less than 10 Ω ?	Repair the harness and connector. NOTE: In this case, repair the following item: • Open circuit of harness between combination meter and oil pressure switch • Poor contact of combination meter connector • Poor contact of oil pressure switch terminal • Poor contact of coupling connector	Repair or replace the combination meter. <Ref. to IDI-12, INSPECTION, Combination Meter System.>

2. HEV MODEL

Step	Check	Yes	No
1 CHECK DTC.	Is DTC of engine, HEV and CAN communication line displayed? <Ref. to HEV(diag)-24, Read Diagnostic Trouble Code (DTC).> <Ref. to IDI(diag)-15, Read Diagnostic Trouble Code (DTC).> <Ref. to LAN(w/o HEV)(diag)-25, Read Diagnostic Trouble Code (DTC).>	Check the appropriate DTC using the "List of Diagnostic Trouble Code (DTC)". <Ref. to HEV(diag)-74, List of Diagnostic Trouble Code (DTC).> <Ref. to IDI(diag)-27, List of Diagnostic Trouble Code (DTC).> <Ref. to LAN(w/o HEV)(diag)-64, List of Diagnostic Trouble Code (DTC).>	Go to step 2.
2 CHECK COMBINATION METER. 1) Turn the ignition switch to ON. (engine OFF) 2) Check the warning light in the combination meter.	Does the warning light illuminate?	Go to step 3.	Repair or replace the combination meter. <Ref. to IDI-12, INSPECTION, Combination Meter System.>
3 CHECK POWER SUPPLY TO OIL PRESSURE SWITCH. 1) Turn the ignition switch to OFF. 2) Disconnect the terminal from oil pressure switch. 3) Turn the ignition switch to ON. 4) Measure the voltage between oil pressure switch harness terminal and chassis ground. Terminals (E11) No. 1 (+) — Chassis ground (-):	Is the voltage 10 V or more?	Replace the oil pressure switch. <Ref. to LU(H4DO(w/o HEV))-25, Oil Pressure Switch.>	Go to step 4.
4 CHECK COMBINATION METER. Perform the self-diagnosis of combination meter to check if there are any faults in the combination meter. <Ref. to IDI-8, OPERATION, Combination Meter System.>	Is combination meter OK?	Repair the harness and connector. NOTE: In this case, repair the following item: • Open circuit of harness between hybrid powertrain control module and oil pressure switch • Poor contact of oil pressure switch terminal • Poor contact of coupling connector	Replace the combination meter. <Ref. to IDI-20, REMOVAL, Combination Meter.>