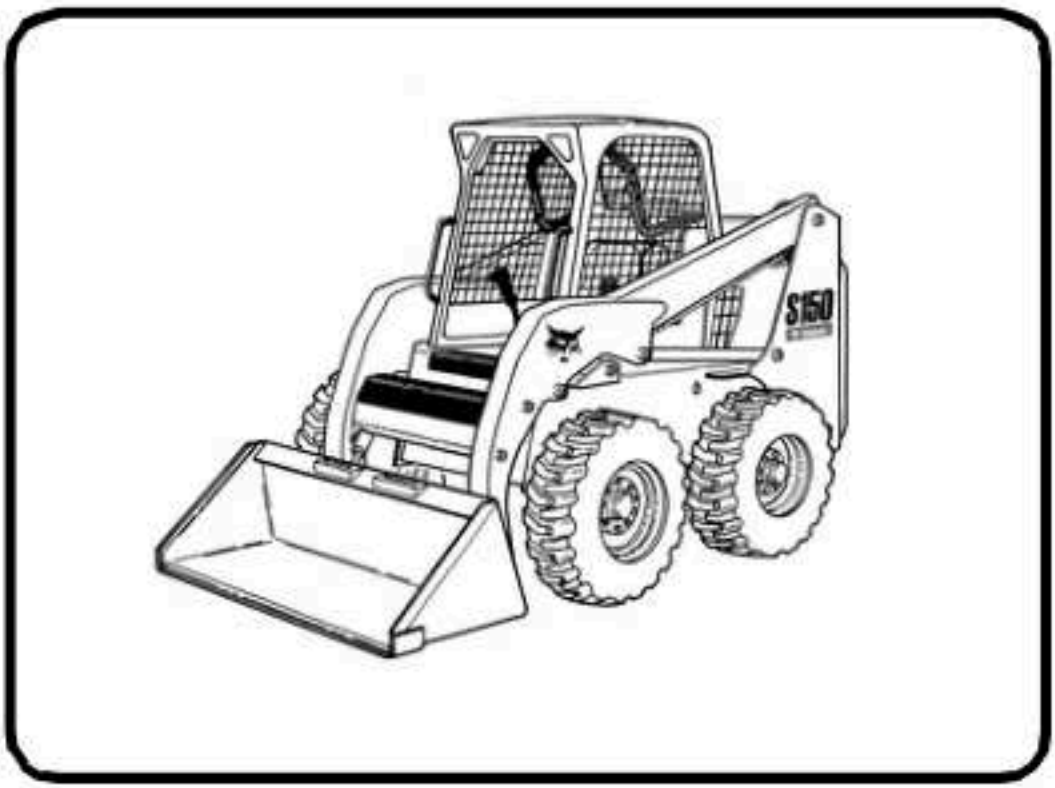
Bobcat®

Service Manual
S150 Skid-Steer Loader

S/N A3L111001 - A3L119999



EQUIPPED WITH BOBCAT INTERLOCK CONTROL SYSTEM (BICS)

6986566 (5-08)

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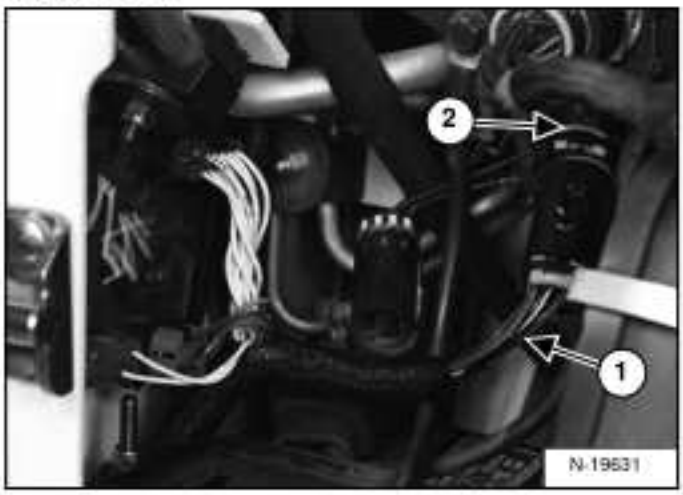
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Service Tool Harness Control - MEL1565 (Cont'd)

Figure 10-60-7



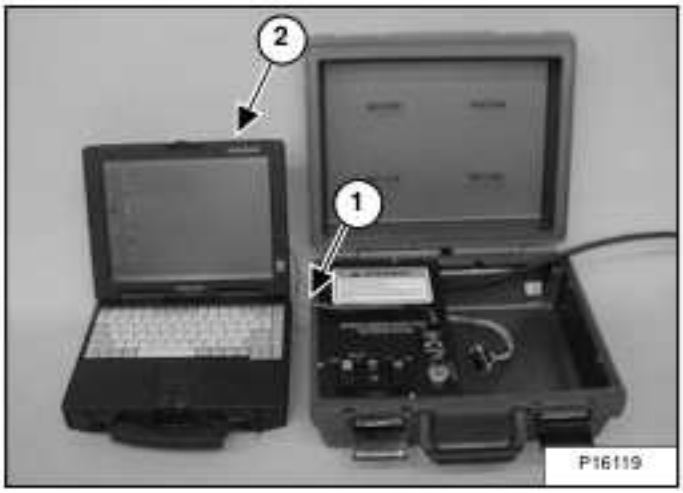
Loaders equipped with an attachment harness (Item 1) **[Figure 10-60-7]** must disconnect the attachment harness from the loader harness (Item 2) **[Figure 10-60-7]**.

Connect the service tool harness to the ACD connector and the loader harness connector.

NOTE: To monitor, diagnose or load new software the Service PC must be connected to the Remote Start Tool Switch.

Service Tool Harness Communicator - MEL1566

Figure 10-60-8

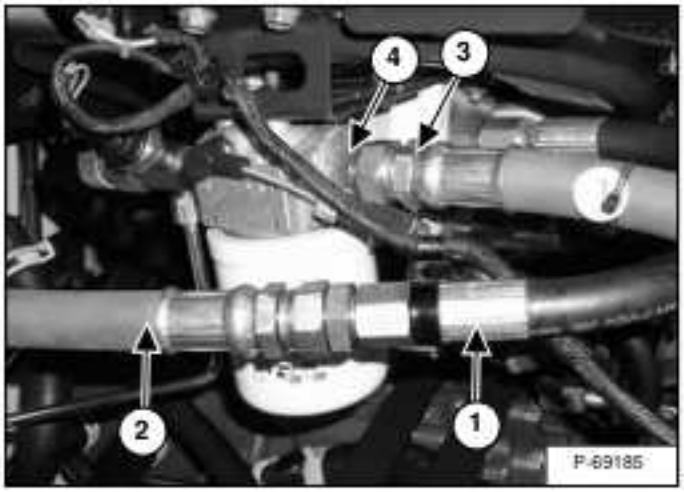


The service tool harness communicator (Item 1) **[Figure 10-60-8]** is required to connect remote start tool to the Service PC (Item 2) **[Figure 10-60-8]**.

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Direct Pump Test (Charge Section) (Cont'd)

Figure 20-61-7



Connect the filter inlet hose (Item 1) to the inlet side of the tester (Item 2) **[Figure 20-61-7]**.

Connect the OUTLET hose (Item 3) from the hydraulic tester to the inlet fitting (Item 4) of the charge filter **[Figure 20-61-7]**.

Figure 20-61-8



Be sure all connections are tight and that the hoses are not touching any moving parts before starting the loader **[Figure 20-61-8]**.

IMPORTANT

The hydraulic tester must be in the fully open position before you start the engine.

I-2024-0284

Start the engine and run at low idle RPM. Make sure the tester is connected correctly. If no flow is indicated on the tester, the hoses are connected wrong. With the hoses connected correctly, increase the engine speed to full RPM*.

Warm the fluid to 140°F. (60°C.) by turning the restrictor control (Item 1) **[Figure 20-61-8]** on the tester to about 600 PSI (41,4 bar). DO NOT exceed **1200 PSI** (82,7 bar). Open the restrictor control and record the free flow (GPM) at full RPM*.

Turn the restrictor down to system operating pressure approximately 1000 PSI (69 bar). **DO NOT EXCEED 1200 PSI** (82,7 bar). Refer to Hydraulic Schematics for flow. The high pressure flow must be at least 80% of free flow.

$$\% = \frac{\text{HIGH PRESSURE FLOW (GPM)}}{\text{FREE FLOW (GPM)}} \times 100$$

A low percentage may indicate a failed pump.

*Refer to the Hydraulic Schematics for pump flow and RPM.

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Hydrostatic Pump Calibration (SJC) (Cont'd)

Figure 60-160-20



Press the *PRESS TO OPERATE LOADER* Button (Item 1) **[Figure 60-160-20]** while holding the left joystick in position.

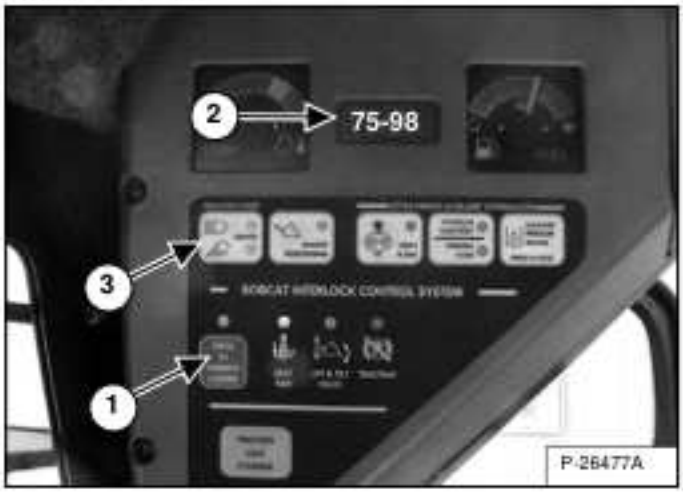
Three audible beeps will sound.

Figure 60-160-21



Allow the left joystick to go to the neutral position **[Figure 60-160-21]**.

Figure 60-160-22



Press the *PRESS TO OPERATE LOADER* Button (Item 1) **[Figure 60-160-22]**.

Three audible beeps will sound and the error code (Item 2) **(75-98)** will be displayed if the operator presses the HOLD FOR CODES (LIGHTS) switch (Item 3) **[Figure 60-160-22]**.

Start the engine from the *RUN, RUN/ENTER* position. **DO NOT TURN TO OFF POSITION**. This would cancel the calibration mode and the procedure would have to be repeated.

Figure 60-160-23



The Control Pattern **ISO** Switch (Item 1) **[Figure 60-160-23]** will stop flashing, and will remain **ON** for the rest of the calibration procedure.

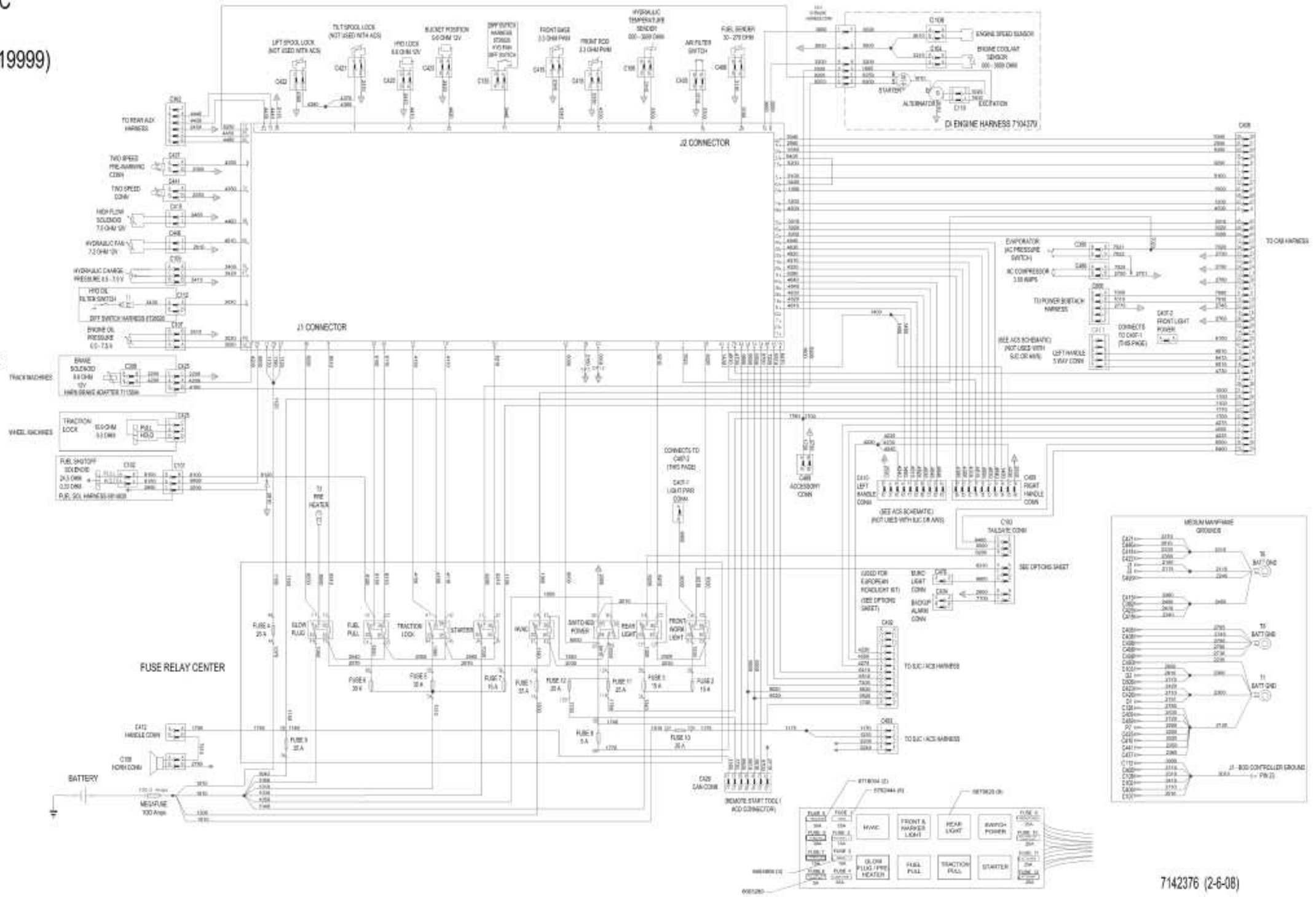
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