

ENGINE

(WL, WL Turbo, WL-3, WLT-3)

ENGINE OVERHAUL SERVICE

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ENGINE OVERHAUL SERVICE

WARNING

Warning

- Continuous exposure with USED engine oil has caused skin cancer in laboratory mice. Protect your skin by washing with soap and water immediately after this work.

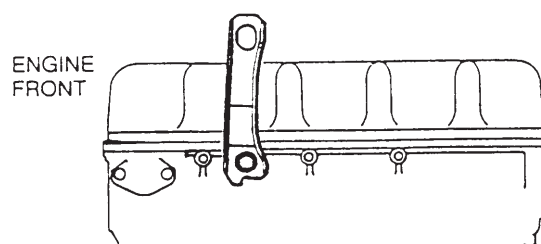
ENGINE MOUNTING/DISMOUNTING

MOUNTING

1. Install the engine hanger (JE48 10 561C) to the cylinder head by using bolt (99794 0820) or (M8X1.25, 6T, Length 20mm {0.79 in}) as shown.

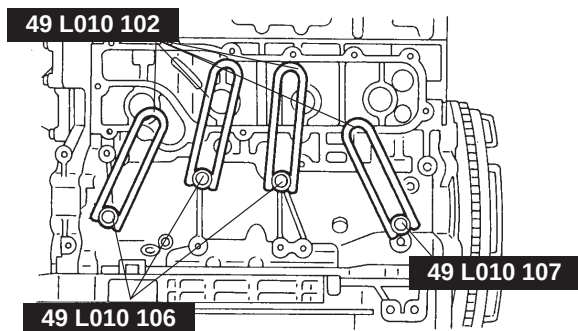
Tightening torque

19—25 N·m {1.9—2.6 kgf·m, 14—18 ft·lbf}

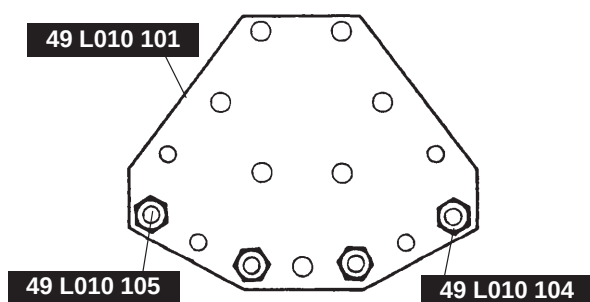


ENGINE MOUNTING/DISMOUNTING

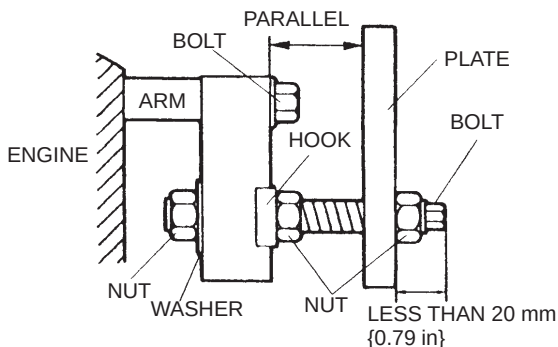
2. Install the **SSTs** (arms and attachments) to the holes as shown, and hand tighten the **SST** (bolts).



3. Assemble the **SSTs** (bolts, nuts and plate) to the specified positions.



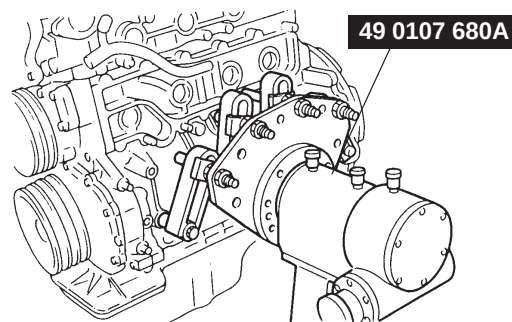
4. Adjust the **SST** (bolts) so that less than 20 mm {0.79 in} of thread is exposed.
5. Make the **SSTs** (plate and arms) parallel by adjusting the **SST** (bolts and nuts).
6. Tighten the **SST** (bolts and nuts) to affix the **SST** firmly.



Warning

- Self-locking brake system of the engine stand may not be effective when the engine is held in an unbalanced position. This could lead to sudden, rapid movement of the engine and mounting stand handle and cause serious injury. Never keep the engine in an unbalanced position, and always hold the rotating handle firmly when turning the engine.

7. Mount the engine on the **SST** (engine stand).



8. Remove the engine hanger (JE48 10 561C).
9. Drain the engine oil into a container.
10. Install the drain plug by using new washer.

Tightening torque

30—41 N·m {3.0—4.2 kgf·m, 22—30 ft·lbf}

DISMOUNTING

- Dismount in the reverse order of mounting.