

# ENGINE MOUNT INSTALL INSTRUCTIONS



**PLEASE BE ADVISED THAT SOME DISASSEMBLY IS REQUIRED.  
THE MORE PARTS REMOVED, THE EASIER THE INSTALLATION OF THE NEW MOUNTS WILL BE.**

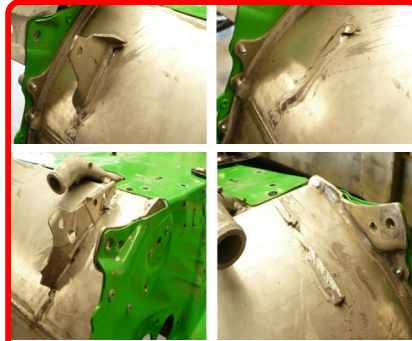
**Step 1:** Remove the hood, seat, gas tank and clutches.

Disassemble the chain case and remove jack shaft.

Remove the factory rear engine/motor mounting (large aluminum) brackets.

Removal of the rear suspension is required in order to install the two (2) supplied Aluminum Support Brackets.

The intake plenum may need to be moved/removed for additional work space.



**Step 2:** Remove both existing heat exchanger tabs (left & right). Use of a Sawzall, Dremel c/w cutting disc or similar tool required. **WARNING:** Use extreme caution to not cut into the exchanger. Cut above welds and grind where necessary for clearance.



**Step 3:** Remove both running board support bolts (right & left). Place the corresponding supplied bracket (left for clutch side/right for chain case side) under running board support hoop and reinstall bolt. **DO NOT TIGHTEN AT THIS TIME.**



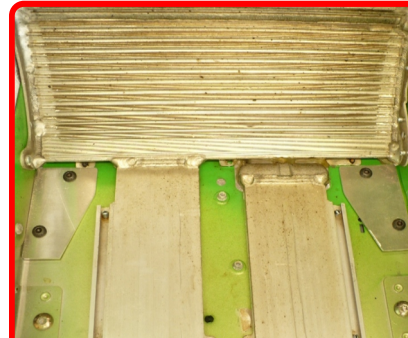
**Step 4:** Using either the supplied urethane mounts or factory rubber mounts, install using the factory bolts.



**Step 5:** Lightly tighten as to align bracket to the mount for proper fit before drilling the two holes for the aluminum support brackets (underside of tunnel).



**Step 6:** Using a 5/16 "drill bit (use of a right-angle drill is preferred)



**Step 7:** Drill out the two remaining holes in the support brackets. Install supplied aluminum support brackets on the underside of the tunnel using the supplied nuts and bolts (use Loctite on all fasteners).

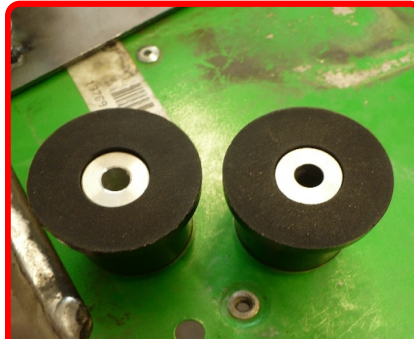


**Step 8:** Tighten the running board support bolts and aluminum bracket bolts. Remove mocked-up urethane or rubber mounts (to be installed in the factory engine mounts).

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**Step 9:** Prior to installing factory right side/chain case side alumin. engine mount, it is recommended to trim the area as pictured to facilitate clearance on the new bracket.



**Step 10:** Attach the engine to the mounts. If using the factory/rubber mounts proceed with complete reassembly of sled OR it is best to use the 2 supplied straight inserts with urethane mounts.



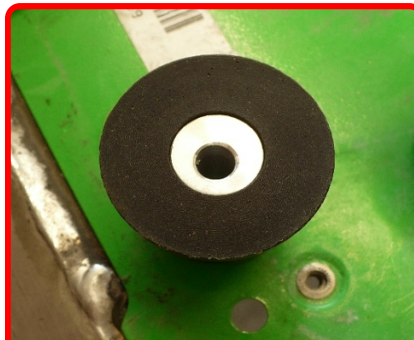
**Step 11:** Once installed verify the engine is properly aligned.



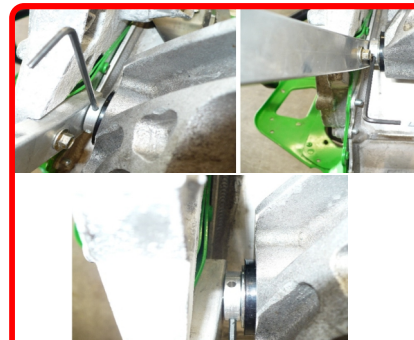
**Step 12:** Install the urethane mount (without the insert) into the factory engine mount first. Use a little WD40 to help with this installation.



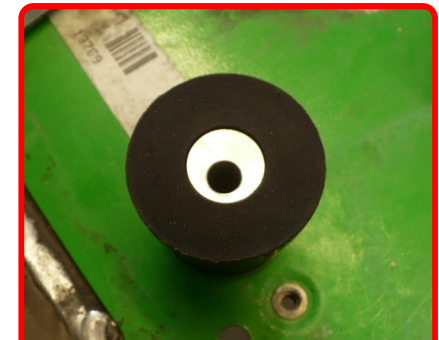
**Step 13:** Install the insert into the urethane.



**Step 14:** If the alignment needs to be corrected, use one of the two supplied offset inserts in the chain case side. It is recommended to start with the smallest offset insert.



**Step 15:** To adjust the alignment, leave the center bolt loose enough so as to rotate the insert by use of a small allen key/screw driver.



**Step 16:** Recheck the alignment. If more adjustment is required, use the larger offset insert.