

ENGINE REMOVAL/INSTALLATION

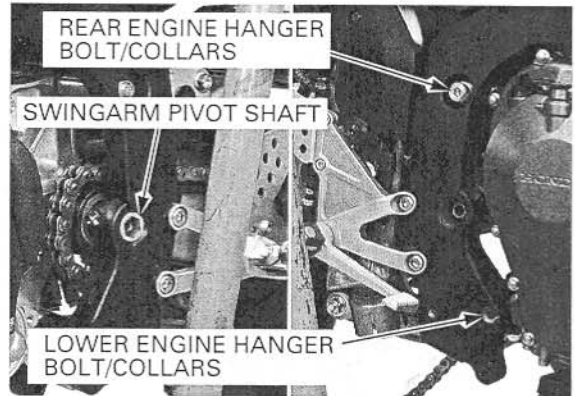
Support the engine using a jack or other adjustable support to ease engine hanger bolts removal.

Remove the following:

- Swingarm pivot shaft
- Lower engine hanger bolt and collars
- Rear engine hanger bolt and collars

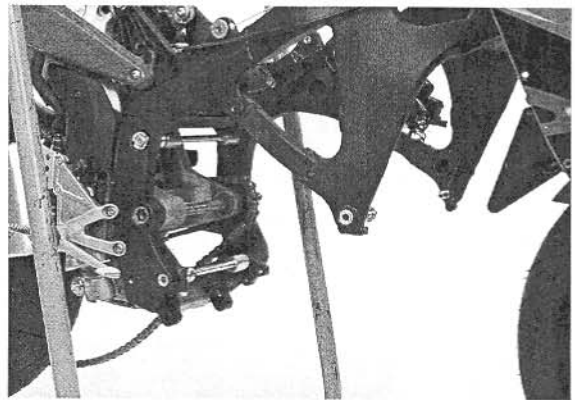
Carefully lower the adjustable support, then remove the engine from the frame.

- A hoist or equivalent is required to support the swingarm when removing the engine.
- Install the swingarm pivot shaft to allow the chassis to be moved and stored during engine service.

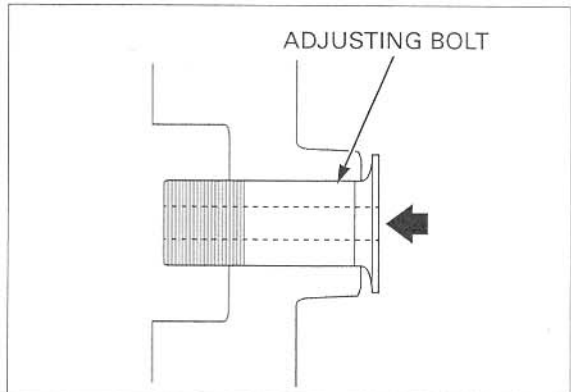


ENGINE INSTALLATION

- Note the direction of the hanger bolts/collars.
- When tighten the lock nut with the lock nut wrench, refer to the torque wrench reading information in "SERVICE INFORMATION" (page 8-3).
- The jack height must be continually adjusted to relieve stress from the mounting fasteners.
- Route the wire and cables properly (page 1-22).
- Be sure to tighten all engine mounting fasteners to the specified torque in the specified sequence described following page. If you mistake the tightening torque or sequence, loosen all mounting fasteners, then tighten them again to the specified torque in the specified sequence.



Install the rear engine hanger adjusting bolt fully from the right rear inside of the frame.



Carefully install the engine into the frame.

- A hoist or equivalent is required to support the swingarm when installing the engine.

Temporarily install the collars, rear and lower engine hanger bolts from the right side.

California type: Temporarily install the collars, rear and lower engine hanger bolts from the right side, then install the joint pipe between the rear engine hanger left side collar and engine.

Temporarily install the swingarm pivot shaft from the left side.

