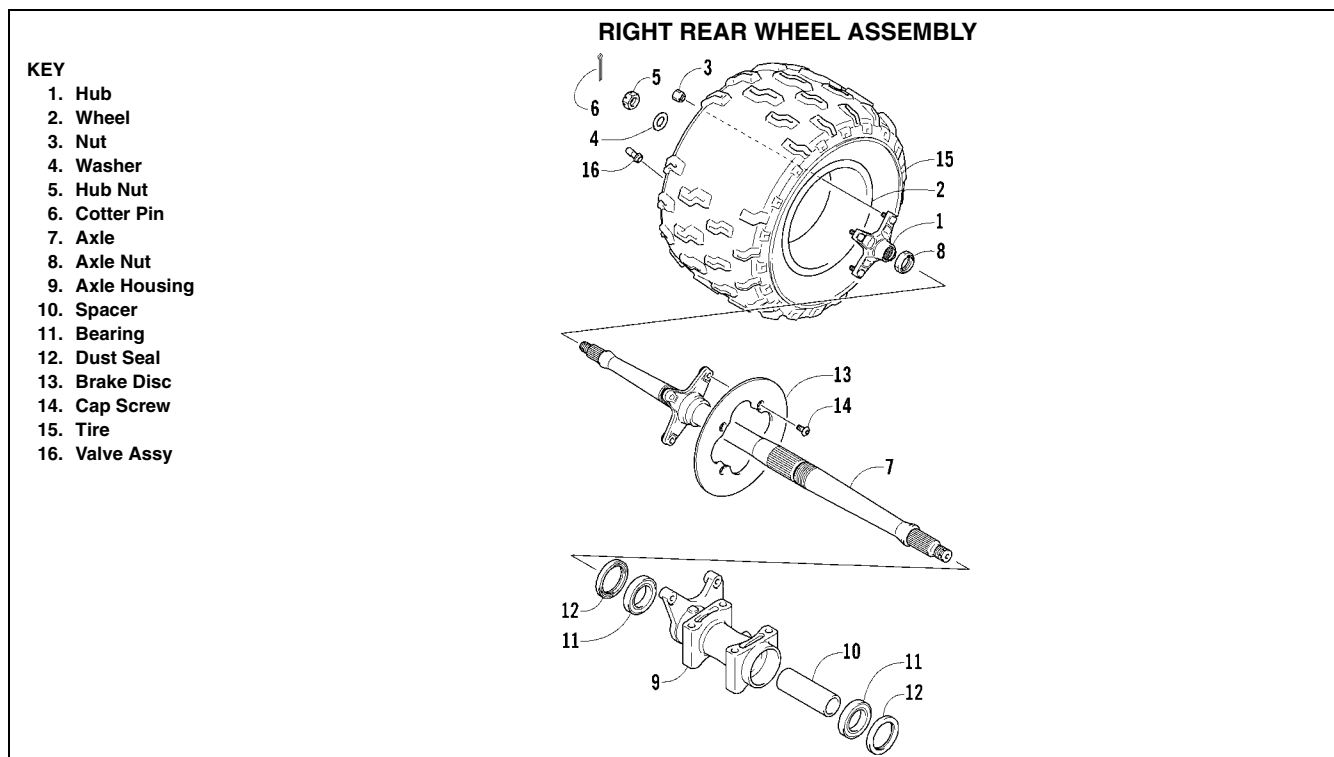




0739-257

Rear Drive Axle

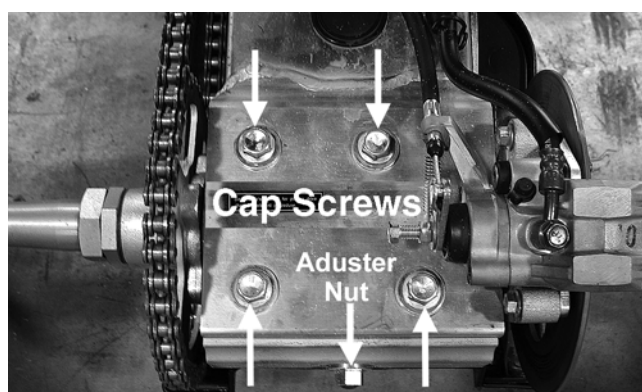
REMOVING

1. Secure the ATV on a support stand to elevate the rear wheels.

⚠ WARNING

Make sure the ATV is solidly supported on the support stand to avoid injury.

2. Apply and lock the parking brake; then remove the wheels.
3. Loosen (but do not remove) the four cap screws on the swing arm; then turn the adjuster nut counterclockwise to slacken the chain.

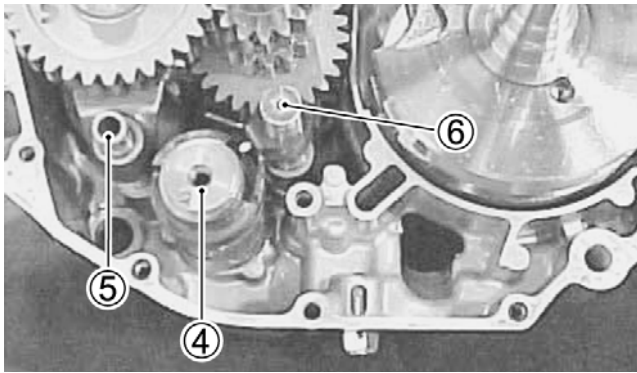


SP061A



SP061B

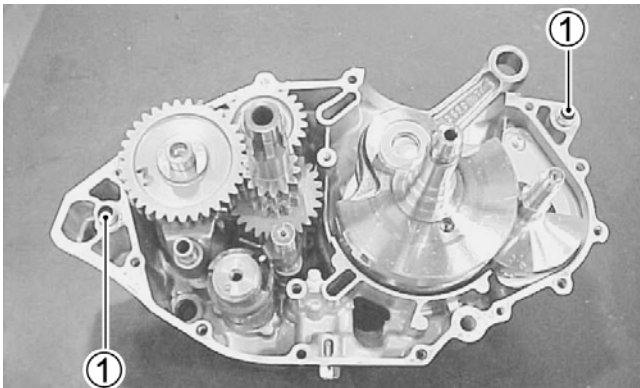
4. Remove the rear wheel hubs; then remove the left-side axle nuts (1). Account for two concave washers (2).



SP225

■ **NOTE:** Check to be sure that the gears all engage normally; then shift the transmission into neutral.

7. Verify that the two crankcase half alignment pins (1) are in place.

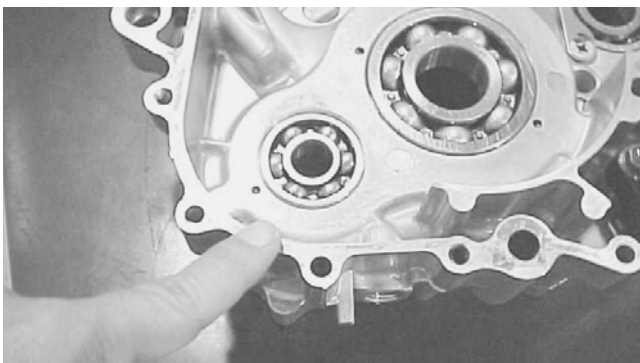


SP226

■ **NOTE:** Prior to joining crankcase halves, turn the shift cam to ensure all gears shift properly.

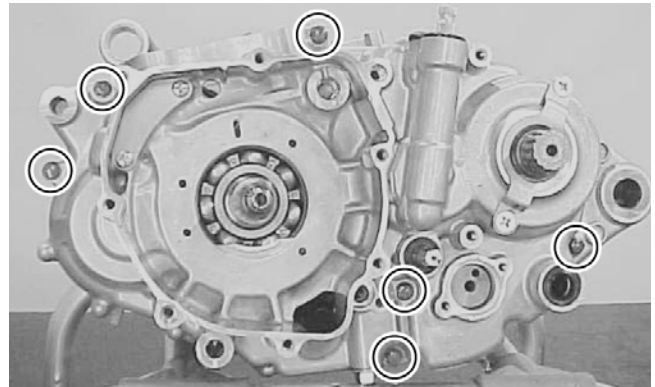
Joining Crankcase Halves

1. Verify that the washer is on the reverse idler shaft; then apply Three Bond Sealant (p/n 0636-070) to the mating surfaces. Place the right-side half onto the left-side half.



SP227

2. Using a plastic mallet, lightly tap the case halves together until cap screws can be installed.
3. From the left side, install the six crankcase half cap screws; then tighten only until snug.



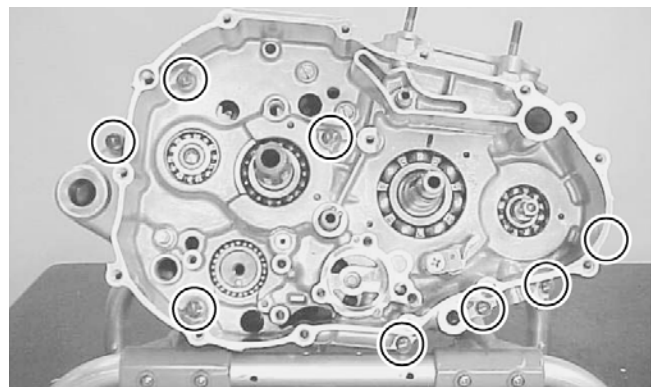
SP228

■ **NOTE:** Rotate the shafts back and forth to ensure no binding or sticking occurs.



SP230

4. From the right side, install the eight crankcase half cap screws (three inside the case); then tighten only until snug.



SP229

■ **NOTE:** Rotate the shafts back and forth to ensure no binding or sticking occurs.