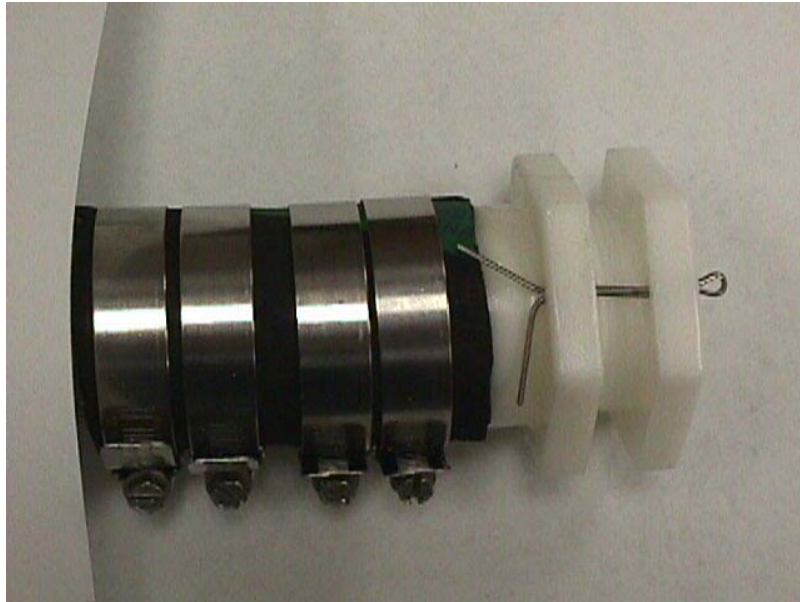


# Shaft Packing



- Tighten packing gland by hand until it almost stops leaking
- About 1 drop per second
- After the shaft has been run it may need adjusting again.

# Repacking gland



- Replace packing when adjustment is not possible.
- Inspect shaft for binding.
- Remove boat from water

# ROUTINE MAINTENANCE



- Remove the cotter pin.
- Loosen the nut until it is separated from gland.
- If possible remove 2 separate windings of Teflon packing.

# If gland needs to be removed to be repacked.



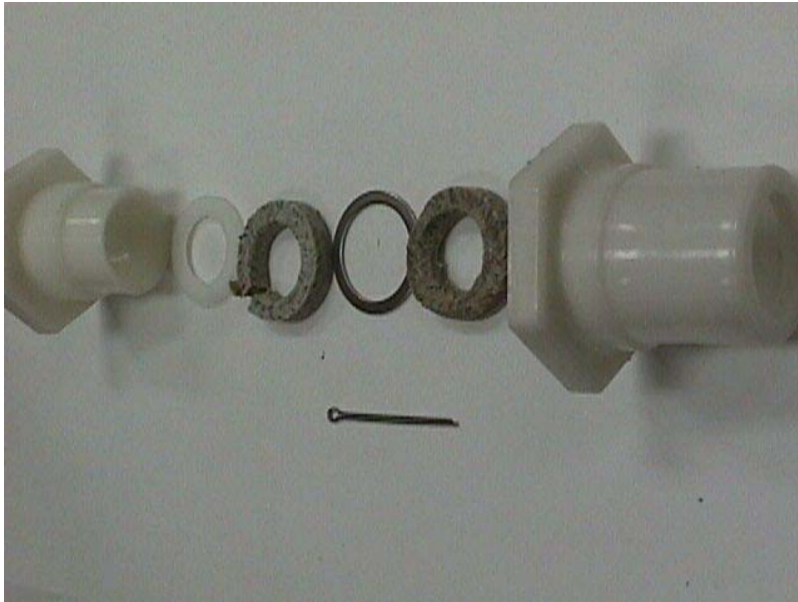
- Loosen the 2 hose clamps holding the packing gland.
- Twist and remove Gland away from the hose.
- Push out packing from hose side until the 2 packing ropes are exposed.

# TEFLON PACKING 5/16



- Cut 2 pieces at 4 1/2 inches long.
- Insert one in between the washer and the bottom of boat.
- Push packing into housing and insert next washer.
- MPRL000135

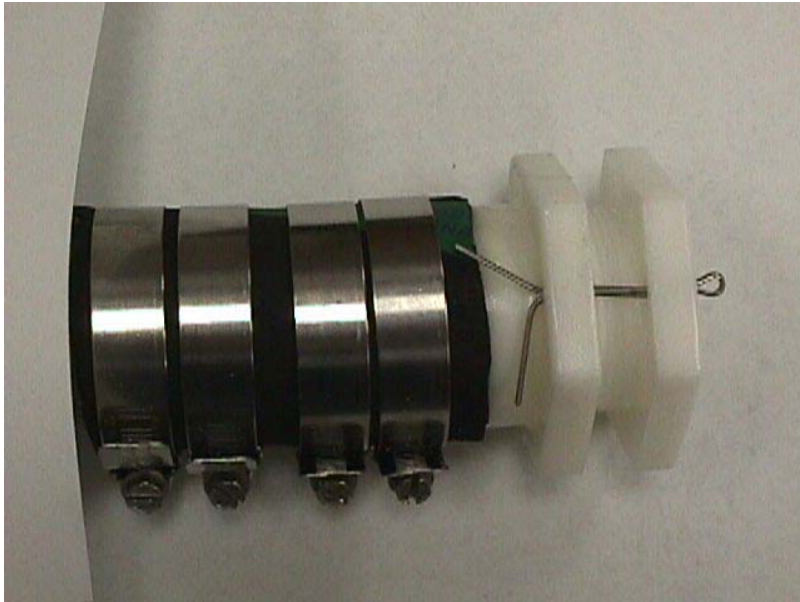
# Repacking gland



- Insert next piece, offset ends, between the washer and jam nut.
- Tight jam nut hand tight.
- Insert complete packing gland into hose and secure with hose clamps.



# Final Adjustment



- Tighten jam nut hand tight.
- Then loosen slightly.
- Insert new cotter key.
- Put boat in water
- Adjust to set drip at 1 per 5 seconds.
- Re-adjust as needed to a slight drip.

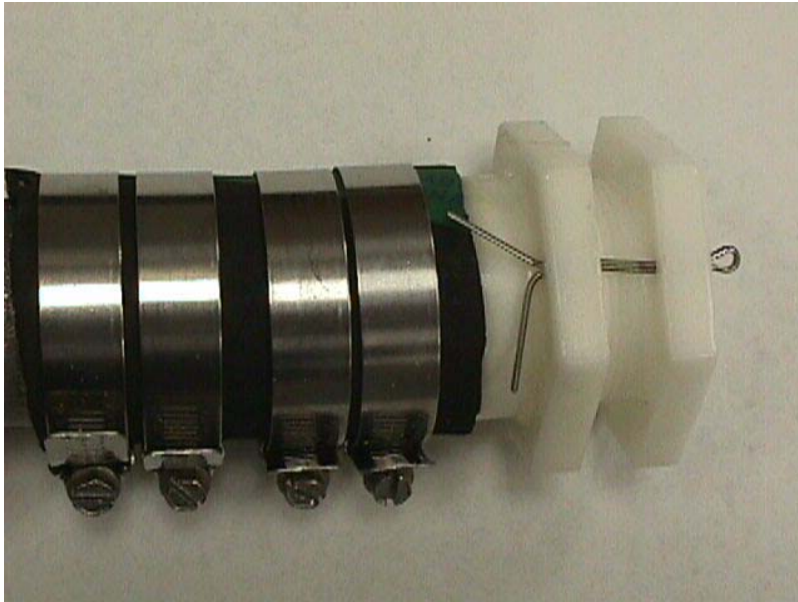
# ENGINE ALIGNMENT



- Loosen the 4 mounting bolts.
- Check with feeler gauge at 12, 3, 6, 9.
- Adjust engine position so the fit is tight at .003”.
- Rotate shaft 90 degrees and recheck.



# GO BOATING



- Recheck the drip routinely.