



P.D.C. Trim Systems Installation (For Mercury Jets)

A Ride Plate Installation:

1. Remove existing short ride plate located at the bottom rear end of jet.
Four screws, two T-30 Torx Flt. Hds. (wrench furnished) and two large Philips Flt. Hds. Save screws for P.D.C. plate mounting.
2. Slide new P.D.C. plate into same location. Re-install same screws (Loctite). Do not use the original large washers, use washers and nuts furnished. Start all screws before tightening. Hold nut while screwing Philip screws into position. Tighten till nut and washer are all the way up against pump casting leg. Then tighten nut to lock in position.

B. Bracket Installation:

1. Remove top two-nozzle housing bolts (see photo) use 13mm 6point socket if possible, they are typically very tight.
2. With reverse bucket down put bracket in place. Use two 17mm Hex head bolts 2 1/8 long with washers (bolts furnished) fasten in existing holes.

C. Hydraulic Pump and Tubing Installation:

1. Before mounting pump and reservoir, fill reservoir with any automatic transmission fluid.
2. Boat engine compartments will vary in design, mount pump in a dry secure area, keeping the nylon lines away from heated parts. (Example see photo in brochure both wood screws and through bolts that are furnished).
3. Use dove tail mounting bracket (furnished) to mount pump in selected location.
4. To run tubing, locate center of transom and drill two 1/4 inch holes one on top of the other at least 1 inch apart. Hole must be drilled above cylinder mounting bracket (see photo) distance will vary with hull design.
5. Run nylon tubing from out side of boat to hydraulic pump , leaving approx 2 inches outside of boat. Place rubber seals on tubing, apply silicone on seals and press against transom.
6. Connect the (T) fittings to the tubing stubs outside of transom. The top (T) tubing goes to the two cylinder bottom ports (See drawing Furnished). With tubing in place tighten all compression nuts very securely. Make sure tubing is pressed all the way in before tightening. Hold (T) fittings with an adjustable wrench while securing compression nuts. Cylinder fittings are pretightened in place but can be moved slightly is necessary.



D. Wiring

1. Matching the colors, plug wire looms together.
2. Run wire loom to dash. Boats vary in design and construction but typically you can fish wire through the gunnel (the side of the boat). To expose area where toggle switch is to be mounted and ignition (key) wiring exposed, you may have to temporarily remove a front seat cushion, or a lid over the instrument panel, or a cup holder.
3. Drill 15/32 inch hole for the toggle switch.
4. Wire toggle according to diagram.
5. Connect orange huse wire (furnished) to the hot (red) wire to the ignition key using a "tap and run" connector (furnished). Tape over connector with electrical tap when completed.

"You are now in control"

But first check:

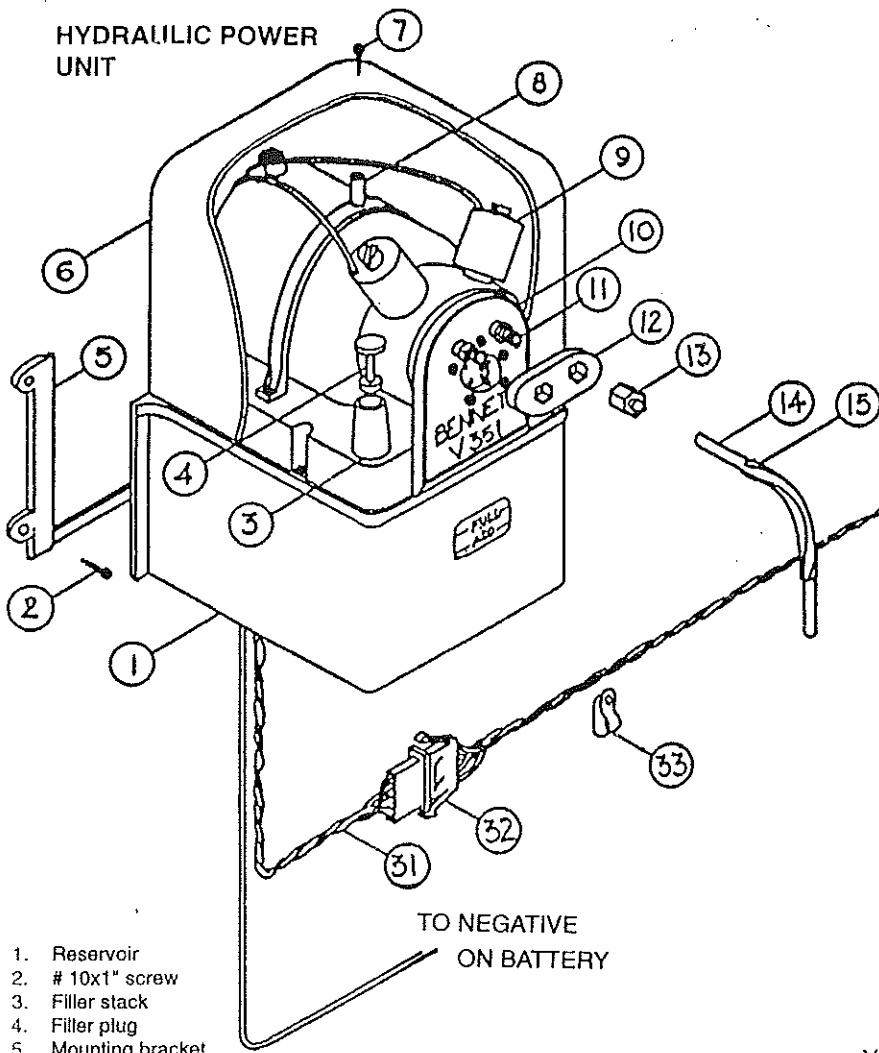
- (1) All hydraulic fittings for tightness.
- (2) Black ground wire fastened to negative post on battery.
- (3) Battery must be charged and in good condition.

- TRIM - A - AWAY -

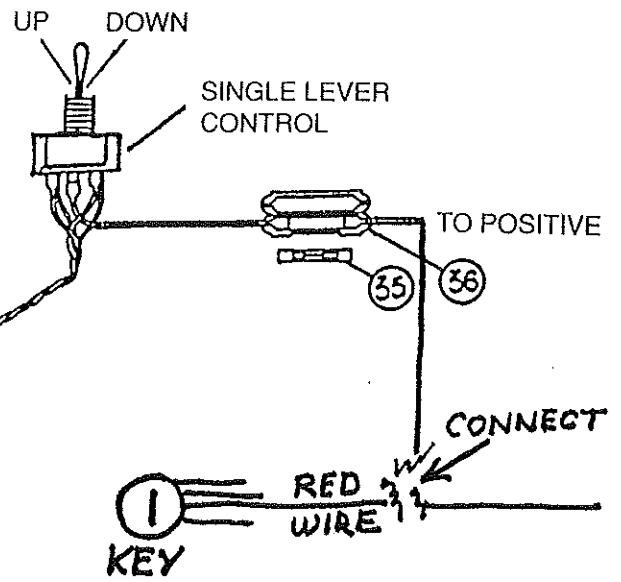
"Important"

- (1) Never trailer boat with plate down.
- (2) Do not use reverse with plate down.
- (3) Do not beach boat with plate down.
- (4) On some boats too much down plate might create bow steering.

HYDRAULIC POWER UNIT



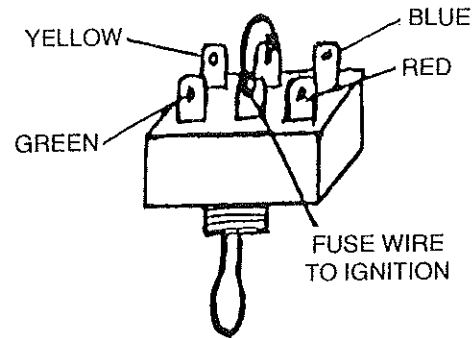
- IMPORTANT -
USE AUTOMATIC TRANSMISSION
FLUID TO FILL RESERVOIR



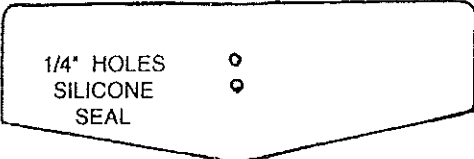
1. Reservoir
2. # 10x1" screw
3. Filler stack
4. Filler plug
5. Mounting bracket
6. Lexan cover
7. Type 25 thread-cutting screw
8. Motor strap
9. Solenoid valve---(4)
10. Pump face
11. 1/8 pipe to 1/4" tube
12. Hex retainer
13. Nut w / ferrule
14. Hydraulic tubing
15. Tube bending clip

TO NEGATIVE
ON BATTERY

WIRE LOOM FROM
POWER UNIT
(DIAGRAM)



SUGGESTED TUBING LOCATION



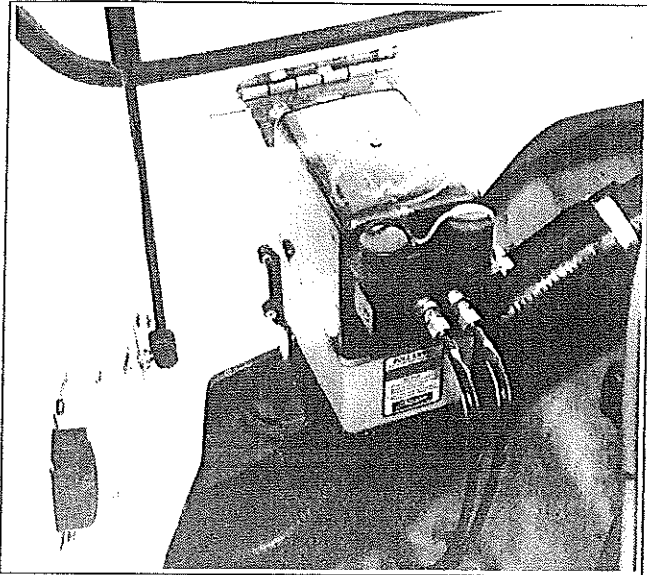
(TRANSOM)
OUTSIDE BACK VIEW

31. Wire harness (led down channel in back of reservoir)
32. Plug
33. Nylon hangers
35. 20-amp fuse
36. Fuse holder

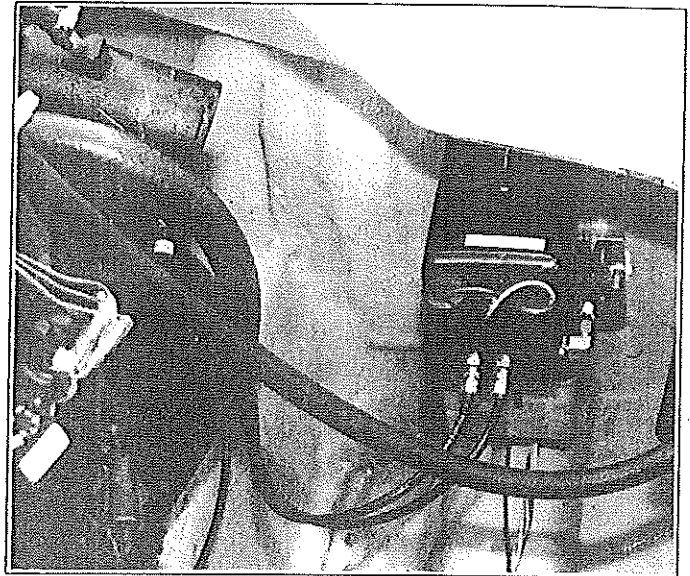


FLACE DIVERTER & CONTROLS

POSSIBLE LOCATIONS FOR HYDRAULIC PUMP MOUNTINGS:

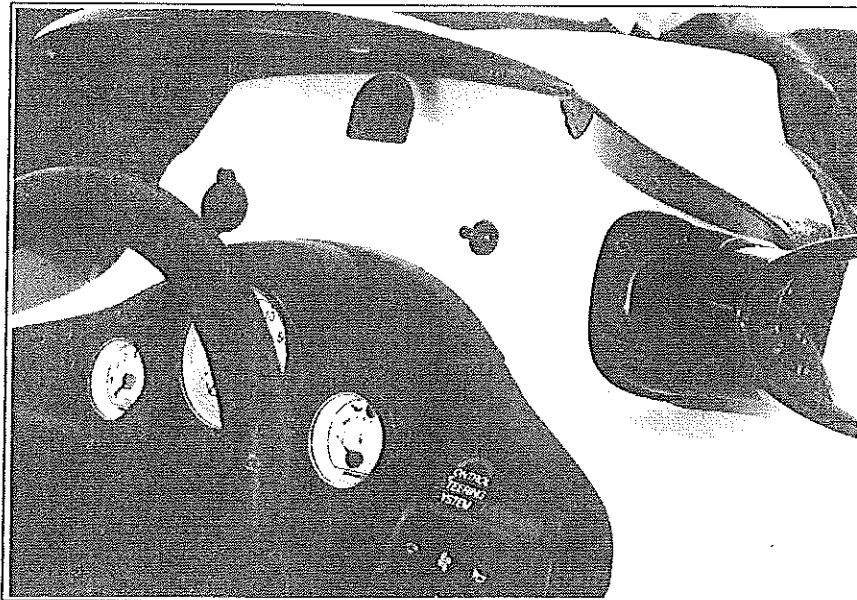


THRU BOLT TO REAR GUNNEL.
IF THERE IS A ENGINE COVER TRAY,
IT MUST BE CUT FOR CLEARANCE.



THRU BOLTED ON TRANSOM.
EXHAUST HOSE HAS BEEN REMOVED
FOR BETTER VIEWING

NOTE: BROCHURE SHOWS HYDRAULIC PUMP MOUNTED ON BACK OF REAR SEAT.



ONE OF MANY LOCATIONS FOR
TOGGLE SWITCH MOUNTING