

	<b>SERVICE INFORMATION</b>	<b>2-12</b>
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**Subject: Reverser Lever Upgrade-7/1/98**

Before serial number 109018 the following upgrade is offered. Instead of using a straight drilled pin going into the reverser lever, we are now using a “U” shaped pivot pin, which helps absorb the stress on the cable and lever when pulling it back toward you. If you experience breakage on the reverser cable or lever, then the following upgrade will need to be made.

New Parts:

- |             |  |
|-------------|--|
| 1- 56157332 | Pivot Pin                              |
| 1- 58057286 | Cable/Reverser (Models 716, 720, &730) |
- (If other parts are needed, refer to the IPL for your specific model)

To replace a broken lever and/or cable follow these steps:

- 1) Remove screw (Ref.# 8) and cable clamp (Ref.# 7) from lower end of cable.
- 2) Remove inner wire of the cable by pulling it all of the way through the cable housing, then remove the cable housing and discard.
- 3) Drive the roll pin (Ref.# 5) out of the reverser lever. Remove the original straight pivot pin.
- 4) If the lever is broken, remove the shoulder bolt (ref.# 4) and install a new lever.
- 5) Remove the adjusting screw (Ref.#2) from the handlebar bracket. Measure from the center of the original hole, in 3/4” toward the handlebar, center that measurement between the top and bottom of the bracket and make a mark.
- 6) Drill a hole on the mark with a 1/4” drill bit. Tap the hole with an 8mm x 1.25 tap. install the adjusting screw (Ref.#2) into the new hole.
- 7) Insert new “U” shaped pivot pin (Ref.# 3) into the reverser lever and secure with the roll pin (Ref.# 5).
- 8) Remove the inner wire from the new reverser cable and thread it through the hole in the new pivot pin (Ref.# 3). Thread the inner wire through the cable adjusting screw (Ref.# 2) and then through the cable housing.
- 9) Install the cable clamp (Ref.# 7) back on to the reverser arm (Ref.# 9) and with the reverser lever (Ref.#6) in the forward position, pull the inner wire tight anchoring it with clamp screw (Ref.# 8).
- 10) Start the unit and position the reverser lever in both forward and reverse to make sure that it is working properly.

