

TO: SERVICE MANAGER  TECHNICIANS   
PARTS MANAGER

**No. 87-2**

**REVISED**  
**3-3-87**

## Quicksilver Throttle/Shift Cable (P/N 34555A\_\_\_\_)

Quicksilver Throttle/Shift Cables (P/N 34555A\_\_\_\_) are now manufactured with the black plastic end guide (engine end) affixed to the cable core wire with a staked pin instead of being secured with an anchor and two set screws.

The following instructions outline proper procedures for removing a staked end guide from the cable.

**NOTE:** The following parts will have to be ordered to make the repairs, plastic guide (P/N 29880) and one anchor (P/N 20007) and two set screws (P/N 10-20518)

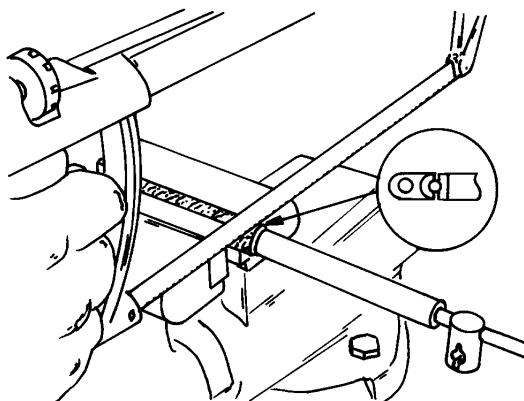
### Shift Cable End Guide Removal

**IMPORTANT:** If cable end guide is secured with a staked pin, **CAREFULLY** complete each of the following steps, in sequence.

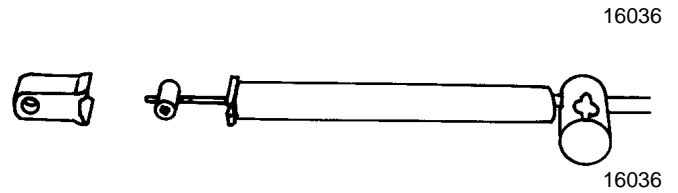
#### **⚠ WARNING**

Use care when removing pin. Because of stresses that are applied to the cable during operation, the inner core wire **MUST NOT** be scratched, bent, cut or nicked. Remote shift control of engine will be lost if inner core wire should break.

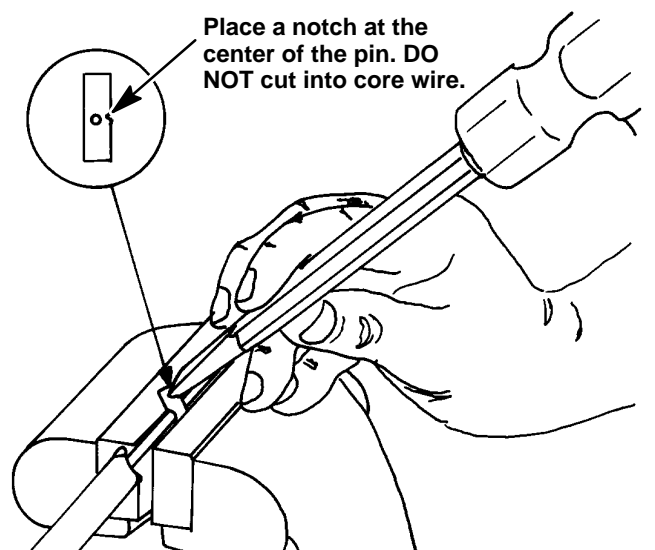
1. Place tip of end guide into vise as shown.
2. Use a hacksaw and saw end of cable guide off as shown.



3. Separate pieces of the end guide to expose the inner core wire and cable pin.



4. Secure the cable pin into vise so that the core wire is just above the jaws. **(Support the inner core wire to prevent bending.)**
5. Use a hammer and sharp chisel and **notch** (DO NOT ATTEMPT to cut thru to core wire) the center of the pin, as shown.
6. After cutting notch, use hammer and chisel to hit the upper portion of the cable pin, bending it back until the pin breaks open at the inner core wire joint, as shown. Slip wire out of the opened pin.



- a - Place a notch at the center of the pin. DO NOT cut into core wire

## Installing Shift Cable End Guide Bracket

1. Place wire anchor (supplied) into new end guide bracket (from kit). Align anchor cross hole with cross hole in bracket.
2. Insert inner core wire thru end guide bracket and anchor until wire is flush with end of bracket.
3. Install anchor set screws (supplied) and tighten anchor screws securely. [Torque to 20 lbs. in. (2.3 N.m).]

