

Installation Instructions - Fit Kit H

Step 1:

- **Make sure motor is NOT running!**
- **Check that motor is in NEUTRAL and IDLE positions at this time.**
- Remove cowl (cover) from motor.

Step 2: See Fig. 1

- Use Ink Marker to mark Honda throttle rod (C) position at brass carb fitting (A). This mark (M) allows you to return motor to stock.
- Remove screw (B) that fixes Honda throttle rod to brass carb fitting.

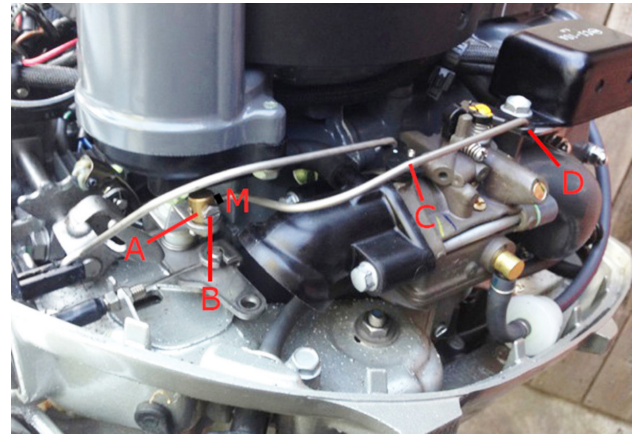


Fig 1

Step 3:

- Move brass carb fitting towards front of motor to allow Honda throttle rod to slide out. It may be necessary to put motor in gear to perform this operation.
- Remove Honda throttle rod from carb arm (D).

Step 4: See Fig. 2

- Find iTroll push rod with looped end.
- Pass "S" bend in iTroll throttle rod through push rod looped end.
- Install iTroll throttle rod onto carb arm (D)

Step 5: See Fig. 2

- Move brass carb fitting toward front of motor and insert straight end of iTroll throttle rod into hole in brass carb fitting.
- Install collar on forward end of iTroll throttle rod so it touches brass carb fitting.
- Use supplied 1/16" Allen wrench to tighten set screw of collar.

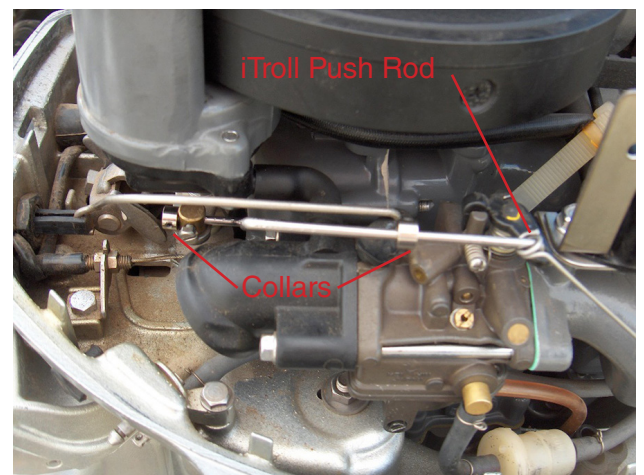


Fig 2

Step 6: See Fig. 3

- Attach servo motor to mounting bracket with stainless steel screws and locking nuts. **DO NOT attach arm to servo until later steps!**
- Use 10mm wrench to install servo bracket under voltage regulator bolts.

Step 7:

In this step, you are temporarily hooking iTroll's power module to your 12 Volt battery:

- Connect Red wire to (+) battery terminal. 5 amp fuse was installed at factory.
- Connect Black wire to (-) battery terminal.

Step 8:

- Plug servo motor into iTroll's servo control harness. Note that iTroll's 3 pin connector has a polarizing "DOT" on it. This dot corresponds to the servo's signal wire that is Orange, Yellow or White, depending on the brand of servo.

Step 9:

Use an Ink Marker to make a mark on the servo's geared shaft so you can positively see the direction that the shaft is rotating.

Step 10:

Plug data cable from iTroll into power module.

Step 11:

Turn iTroll on (see owner's manual if required), then operate dial to turn servomotor. OBSERVE mark you made on servo's shaft to see if servo is turning COUNTER - CLOCKWISE as you advance the throttle with iTroll's knob.

Step 12:

See "Reference 2" section on page 3 of regular iTroll installation instructions. Follow programming instructions to set servo Travel and Rotation. Set servo travel for "S" (90 degrees). If the servo is rotating in the correct direction as determined in Step 11, leave rotation direction the same as the indicated "old" direction in the rotation set menu. If you need to reverse the servo's rotation, change it in the rotation set menu.

Step 13: See Fig. 3

- Turn iTroll ON.
- After iTroll starts up, press IDLE button to put servo at idle position. Confirm that iTroll is at idle by reading it's display.
- Put collar just in front of carb arm in position shown. Tighten collar's set screw.
- Slide free end of push rod through brass fitting in servo arm.
- Install servo arm onto servo in position shown.
- PINCH and HOLD looped end of pull rod and collar together.
- Use supplied Allen wrench to tighten set screw in brass fitting on servo arm.
- Install Phillips head screw in center of servo arm to fix it to servo.

Step 14:

Push iTroll's Run button and operate dial. Check for movement of throttle without sticking or binding.

- Cut excess rod that is sticking out of brass servo arm fitting - **leave approximately 1/2 inch to allow for adjustments if needed.**
- Proceed with permanent installation of iTroll (see electronics installation manual).

