

356 SOP STEERING PEDESTAL ENGINE MECHANISM THROTTLE & SHIFTER CABLE INSTALLATION

Page 1 of 2

1. The engine control mechanism that attaches to the steering pedestal will need the throttle and shifter cables connected. If the cables are not on the deck go below deck and run the cables thru the hole on the starboard side of the companionway walk-thru (located under the forward edge of the cockpit shower).
2. Place the short stainless steel tube on the starboard side of the steering pedestal base then run the throttle and shifter cables up the tube.
3. Take the screws out of the engine control mechanism cover and open it up. NOTE: Use caution not to loose these screws as they are metric and are in the screw bins.
4. Remove the unit from inside the cover by removing the four screws that hold it in place. NOTE: These screws are also metric so do not loose them.
5. It doesn't really matter which cable goes on first but this SOP will explain the throttle cable first. To differentiate between the cables pull on them. The throttle cable will not pull easily and if it does come out it will return when you let go because of the spring at the engine end. The shifter cable will pull out and push back in, you will be able to fill three different positions which are forward, neutral, and reverse. Leave the cable in the middle (neutral) position.
6. A bag comes with the steering pedestal that contains several small parts that will be used to attach the cables to the engine control mechanism unit. Two of those pieces are black plastic housings (one for the throttle cable and one for the shifter cable) that attach to the unit then the cables are secured to the housing. The metal snap-on cover will need to be removed from the housing then place the aluminum swivel bearing into the plastic part and attach those to the proper place on unit with the screw and nut that comes in the bag.
7. Attach the black plastic housing to the hole marked #2 at the bottom of the engine control mechanism unit on the same side as the levers. Slip the retainer clip into the groove on the throttle cable then push the clip (with the cable) into the notch in the plastic housing (just up from the screw). Replace the metal cover on the plastic housing.
8. Now take the brass pivot piece that comes in the bag of parts and screw it onto the end of the throttle cable so approximately 1/8" of threads stick out from the pivot. The stem on the pivot will go thru the #2 hole on the throttle lever, screw the pivot in or out to accomplish this. The lever will need to be moved to be able to put the cotter pin in the pivot. Put the handle over the splines on the control unit and push the handle forward until the throttle cable moves enough to gain access to the hole in the pivot then put the cotter pin thru the hole and spread the arms on the pin so it cannot come out.
9. The shifter cable will go the same way as the throttle cable except the black plastic housing will be attached to the hole #7 & 8 on the bottom of the unit on the other side than the throttle cable. Once the end of the cable is ready for the pivot screw it on so approximately 1/8" of threads stick out and attach it to either the #7 or #8 hole in the lever, using the one that works best. NOTE: It is better to have too many threads sticking out than none.
10. Screw the engine control unit back into the cover then attach the other half of the cover but don't tighten these screws all the way. Slide the cover over the stainless steel tube then attach the top of the engine control mechanism cover to the steering pedestal top plate with screws that came in the bag. Tighten the screws that hold the two halves of the cover together.
11. Remove the back off of the foam washer to expose the sticky part then place this washer over the splines on the control mechanism then place the skid (plastic) washer over this. Put the handle over the splines so the handle faces up or just slightly forward then secure it with the bolt provided. Finally place the mushroom plunger into the hole in the bolt then put the rubber push button in the handle.

Revision Dates:

Expected Time: 30 min.

356 SOP STEERING PEDESTAL ENGINE MECHANISM THROTTLE & SHIFTER CABLE INSTALLATION

Page 2 of 2

