

## MM Clutch Quadrant (MMCL-6)



*Read all instructions before beginning work. Following instructions in the proper sequence will ensure the best and easiest installation.*

Proper installation of the MM Clutch Quadrant requires the use of a firewall adjuster or adjustable clutch cable. Some non-MM firewall adjusters may have a larger stack-up, making cable installation difficult.

Removing the driver side front seat makes installation more comfortable. There are only four bolts to remove and one electrical plug to disconnect to remove the seat.

1. From under the dash, disconnect the clutch cable from the quadrant. Lift up on the clutch pedal, all of the way. This releases the self adjusting quadrant mechanism.
2. Push the top of the quadrant towards the firewall, then disconnect the cable from the quadrant.
3. To remove the quadrant, pull the two hairpin clips holding the quadrant and pawl to the arm.

4. Remove the quadrant, quadrant spring, pawl and pawl spring.



Breaking the pawl is the easiest way to remove it, although, the spring can be manipulated such that the pawl can be removed intact.



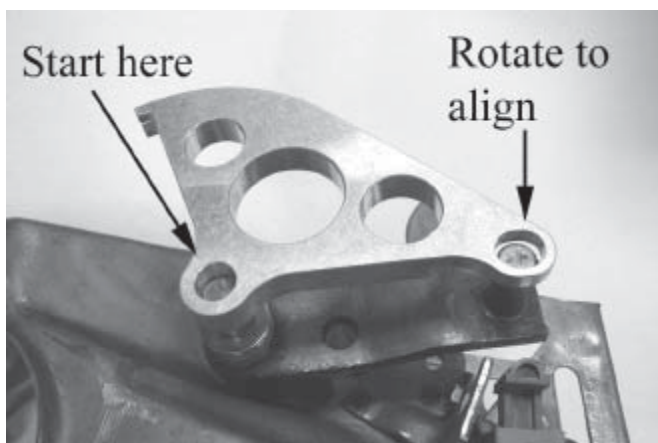
- Lightly sand the Quadrant Shaft to remove any burrs or surface blemishes that may interfere with the MM Quadrant. A small needle file can also be used.

NOTE: Pay close attention to the area around the cross-drilled hole for any burrs that may hinder the installation of the MM Quadrant.

- Slide 2 thick spacers and 4 thin spacers on the Quadrant Shaft as shown. This locates the quadrant in the proper place to ensure the clutch cable does not rub on the housing.



- Install the MM Aluminum Clutch Quadrant. Start the Quadrant onto the Quadrant Shaft about 1/8". Rotate the Quadrant so that the second mounting hole is aligned over the second shaft. Slide the Quadrant the rest of the way onto the shafts.



- Place the three remaining thin spacers on the Quadrant Shaft.
- Reinstall the two hairpin clips. If the pin for the Quadrant Shaft will not go in the hole, remove one of the spacers installed in the previous step. Continue to remove the spacers until the hairpin clip can be fully inserted.

NOTE: Due to Ford's production tolerances, it may be possible that no thin spacers remain between the hairpin clip and the quadrant.



- Reattach the cable to the quadrant. If the cable seems too short, even with the firewall adjuster all the way in, remove the cable from the clutch arm protruding from the bellhousing and install the clutch quadrant cable end first. Then use a lever or pry-bar to depress the clutch arm and reinsert the cable.
- Adjust the MM Firewall Adjuster so the cable is slightly loose. Check by pulling on the clutch cable housing near the firewall adjuster. A small gap should appear. Over tightening the cable will cause the throwout bearing to be continuously engaged and prematurely wear out.



- Start the car and verify that the clutch engages correctly. Readjust as necessary.

#### This Kit Includes

- Clutch Quadrant
- Thick Spacer
- Thin Spacer