

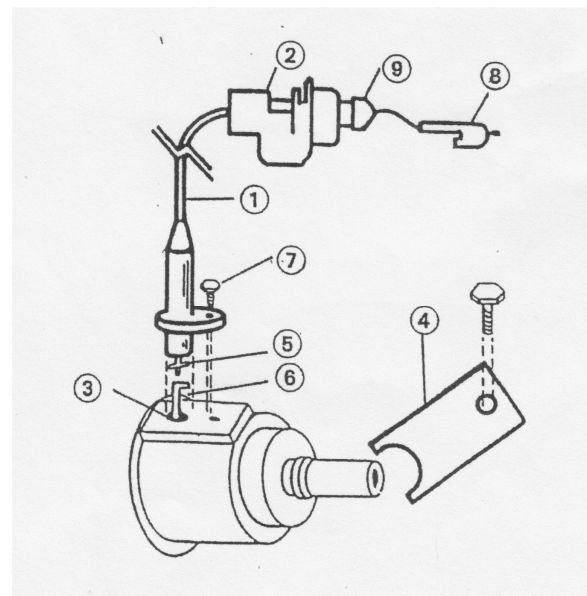
C6M Instruction Sheet

Warning: as with the 40M mechanical modulator with the TH350 transmission you will not have kick down when it is installed.

The Teckpak Mechanical Modulator is designed to take the place of the Vacuum Modulator on a C-6 or FMX in a vehicle with insufficient vacuum, whether a diesel or high performance engine. This can be OEM or AOD replacement. You will need our detent cable, K77978SP. It becomes the connector between the engine and transmission utilizing the adjuster found on the cable. The inner cable wire end (5) is attached to the wire protruding (6) from the mechanical modulator. The lower outer cable housing is installed in the hole (3) in the Mechanical Modulator and attached with the bolt (7) provided. Installation of the Modulator in transmission should take place after the cable is attached to the modulator. You can use our tool T-0162MP, Ford Modulator Adjustment Pin, to make sure the modulator pin is the correct length. The correct length requires the cable to be extended as far as it can this will cause the Adjustment Pin to be the correct length. Grind a replacement pin and install between the valve and the modulator. After use the attaching bracket (4) that was previously used on the stock modulator.

AOD Replacement with C-6 The Cable will take the place of the old kick down cable on the AOD. You will remove the old kick down cable from the accelerator linkage. You may have to remove the cover to get to it. Now attach the top plastic cable end (8) to the accelerator linkage. Snap the plastic adjuster (2)

into bracket that held the kick down cable. Now set the adjuster in the middle of the range of ridges at the top of the conduit (9) and snap it down. Then bring the brass inner cable clamp up to the plastic cable end and snug it finger only. Now pull the inner wire until it stops. First you will be removing slack then you will feel the spring. It should feel like you are holding about 2-5 pounds of force. Next while still holding the inner cable tight, rotate the throttle to full. This will slide the brass cable stop out on the inner wire. Then let the throttle go, holding the position of the brass cable clamp on the inner wire. Now before you let the inner cable wire go, tighten the brass cable stop onto the inner wire. Now let the inner wire go. The brass cable clamp should be close to the plastic cable end at this point. You will now need to drive the vehicle to determine if any additional adjustment is necessary. Push the adjuster forward to lower the shift pattern to lower the shift pattern, pull the adjuster back to raise the shift pattern. The Mechanical Modulator should not need any adjusting after once set. However, Adjustments can be made later, if desired.



C-6 Application in a vehicle with a 6.9L or 7.3L Diesel

You will find two brackets in the kit with the mechanical modulator. The smaller bracket is to attach the detent cable head to the breather bracket.



The bracket installed is shown below with the breather removed.



The longer bracket is used to attach the inner wire end to the accelerator bracket.



It uses the retaining bolt from the accelerator bracket and is installed as shown below, with the accelerator cable shown installed above.



You may find it easier to attach the cable head to the first bracket before installing as it is a tight fit. Once the cable head is installed into the first bracket the inner cable end can be attached into the connector on the installed long bracket.

The cable adjustment will be a similar process as described for the AOD on the other side of the paper. It will be a little tighter to work with due to the fact that the cable clamp setting takes place near the intake manifold and harder to get to.