

Installation Instructions

1982-2004 Mustang Firewall

Adjustable Clutch Cable Stabilizer

Fits 1982-1993 with stock or aftermarket adjustable cable

Fits 1994-2004 with modified or aftermarket adjustable cable only



Step 1:

Follow the attached instructions "Clutch Cable & Quadrant Instructions" through item 6.

Note: When using a modified cable with your kit, the following cable modifications have already been done.

If the clutch cable you are using with the firewall adjuster has a large black rubber firewall bushing, pull the black rubber firewall bushing and metal retainer w/screw hole off of the large nylon firewall cable housing end. Use a utility knife or side cutters to trim the now exposed small nylon hooks off the same large nylon firewall cable housing end in a manner to retain a $\frac{3}{4}$ " round shape. This allows you to insert the round nylon end snugly into the finished face of the firewall adjuster.

Step 2:

From the drivers side of the firewall, where the clutch cable hole enters the firewall under the dashboard, insert the firewall fitting (fig. A) fully into the firewall clutch cable hole.

Step 3:

Place a bead of silicone on the back of the firewall adjuster plate. While holding the firewall fitting (fig. A) in place with your finger, place the hole of firewall adjuster plate (fig. B) over the firewall fitting (fig. A).

Step 4:

Place another bead of silicone on the inside threads of the locknut (fig. C). Using a FIRM grip, securely tighten the locknut onto the male threads of firewall fitting (fig. A).

Step 5:

Thread the adjuster (fig. D) all the way into the firewall and firewall adjuster assembly (fig. A).

Note!

If you are installing a NEW modified or NEW Adjustable Clutch Cable, go back to Item 8 of the Clutch Cable & Quadrant Instructions. If you are not changing the existing clutch cable go to step 6 below.

Step 6:

Insert the previous modified clutch cable into the face of the adjuster (fig. D). Now go under the dash and hook the clutch cable onto the Quick Release II Quadrant, double check the cable to be sure it's properly hooked. Now refer to the "Proper Clutch Adjustment" sheet for final adjustments.

Installation Instructions

Clutch Cable and Quadrant

1982-2004 Mustang

Important Notice!

Prior to installing a NEW clutch cable, it is highly recommended, to ensure smooth operation, that the inside be lubricated with the appropriate grease (White Lithium or Lubriplate, etc..).

Caution!

Always be careful and observe all safety rules when working on any vehicle.

1. Place the car up on jack stands.
2. At the bellhousing, remove the clutch fork splash shield. Using a pry bar, slacken the clutch cable and disconnect it from the clutch fork. Remove the clip that holds the cable to the bellhousing. Now in the engine compartment disconnect the cable support bracket(s) from the car. Now disconnect the cable from the firewall.
3. Inside the car and under the dash, pull the end of the cable loose from the quadrant and remove the cable from under the car.
4. Back under the dash there are 2 plastic parts that make up the factory clutch quadrant mechanism. They are held in place by clips on the ends of the shafts. Remove the clips and springs from the ends of the shafts.
5. **Note:** You may have to pull the carpet aside to complete the next step. Press the clutch pedal FULLY to the floor and remove the plastic quadrant parts.
6. Now move the clutch pedal to align the NEW aluminum quadrant with the shafts and slide the aluminum quadrant on. Reinstall the clips onto the end of the shafts.

If installing the Firewall Adjustable Clutch Cable Stabilizer go to those instructions now.

7. **Note:** On some vehicles the original cable will have 2 screws at the firewall. In most cases this second screw is not used on the new cable.

Insert the non-adjustable end of the cable through the firewall and using the factory screws bolt the cable to the firewall.

8. For 1982-1993 Mustangs: Install the cable in the same position as stock and bolt the support bracket to the strut tower.

On 1994-2004 Mustangs: The new cable will follow the same route as original and the support bracket is used.

9. Use your pry bar to push the clutch fork forward and attach the cable to the fork.

10. Note: Secure the cable away from hot engine parts and sharp edges with cable ties. Care must be taken to keep the cable away from long tube headers. Clutch cables are not designed to withstand direct contact with heat or exhaust components. Long tube headers should be wrapped to keep radiant heat from damaging the cable. When using with the firewall adjustable clutch cable stabilizer go to the "Proper Clutch Adjustment" sheet provided.

10. Adjust the clutch cable by turning the ball nut with a wrench. Be sure the clutch fully releases when the pedal is depressed, however the cable should not have any slack in it when the pedal is ALL the way up.

1982-2004 Mustang Proper Clutch Adjustment

1. Clutch Adjustment for Firewall adjuster and Modified (non-adjustable) Clutch Cable.

From under the hood at the clutch cable firewall, turn the adjuster out (counter clockwise) until **all** the slack is out between the clutch cable housing flange face and the mating face of the adjuster. To verify, simply pull the clutch cable housing out toward the front of the car to check the amount of slack or tension.

PROPER CLUTCH ADJUSTMENT: Is achieved when there is **zero slack** and **zero tension** between the adjuster flange face and the clutch cable housing flange face.

Note: Make sure clutch pedal is held in the **full up position** during this adjustment.

When proper clutch adjustment is obtained, simply tighten the adjuster allen set screw hand tight to lock the clutch adjustment. If the clutch slips under load, this is a sign that the clutch cable is too tight and should be reset as outlined above, or damage to the clutch will be incurred. If the transmission grinds going into reverse when the car is not moving, this is a sign that the clutch cable is too loose and should be reset as outlined above or again there will be damage done to the transmission.

2. Clutch Adjustment with the Firewall adjuster and Adjustable Clutch Cable

From under the hood at the clutch cable, turn the adjuster out (counter clockwise) until about 1" of threads are exposed from the firewall adjuster assembly. Go under the car and at the clutch fork, adjust the clutch cable adjusting nut to obtain zero slack in the clutch cable and zero tension on the fork.

Note: Make sure the clutch pedal is in the **full up position** during the adjustment, then lock the adjustable cable adjustment nut and cable lock nut at the clutch fork. Now follow final adjustment at the firewall adjuster as stated in section 1 above.