

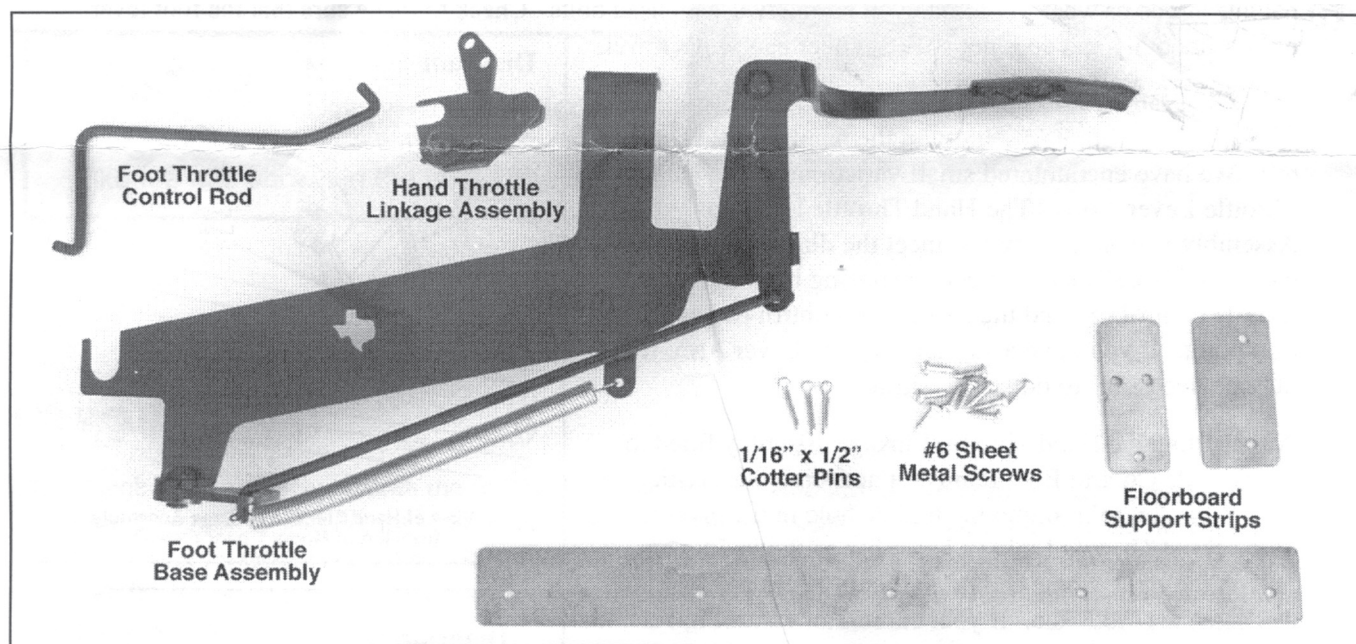
Vintage Foot Throttle Installation Instructions

Item# T-8020-DLX

Installation of the T-8020-DLX Vintage Foot Throttle is extremely simple. The most time consuming part is actually the modifications that need to be made to your floorboards and that task is not difficult. These instructions include diagrams for both portions of this installation.

NOTE: These instructions are written assuming that the Model T on which this foot throttle kit is being installed is a stock Model T Ford. Use of a Texas T Parts leakless water pump does not require any adjustment in the procedure. Other modifications, including the addition of some other types of water pumps may require adjustments to the procedure.

Please read completely through these instructions before installing your foot throttle. Doing so will insure your installation goes smoothly.



Your Vintage Foot Throttle kit should include the following components:

1-Foot Throttle Base Assembly	1 set of 3 Floorboard Support Strips	3 -#8" SAE Flat Washers
1-Foot Throttle Control Rod	10 -#6 x 1/2" Sheet Metal Screws	Instructions
1-Hand Throttle Linkage Assy.	3 -1/16" x 1/2" Cotter Pins	

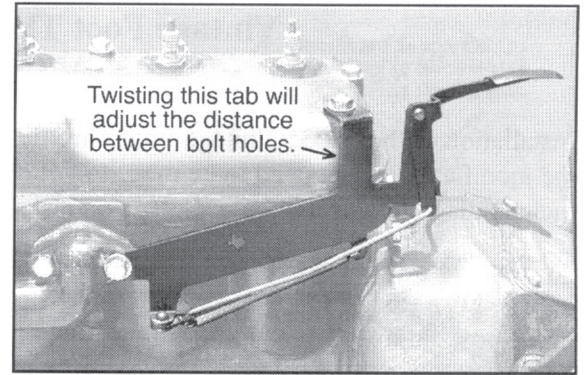
Tools & Supplies required for the installation of your Vintage Foot Throttle:

5/8" Combination Wrench	#2 Phillips Screw Driver	Hacksaw
7/16" Combination Wrench	Torque Wrench w 5/8" Socket	Long Nosed Pliers
Wood Saw	Ruler or Tape Measure	Hand Cleaner (for when you finish)

Installation of the Foot Throttle Assembly.

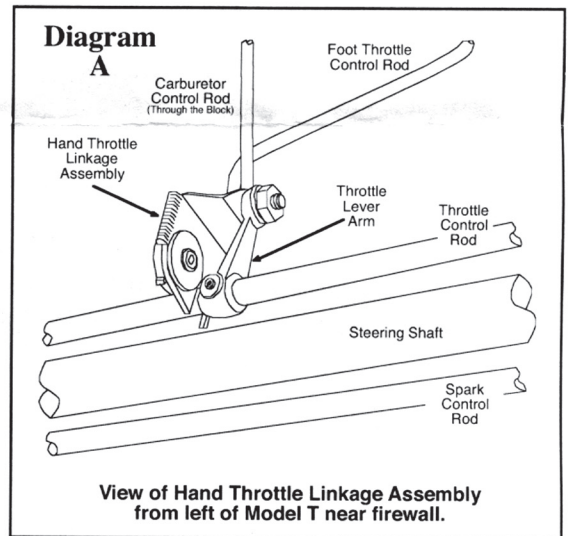
1. First, remove the two front sections of your floorboard. Set these aside while you install the foot throttle. Do not look ahead at the pictures and cut your floorboards yet! Dimensions for cutting your floorboard may be different than the drawing.
2. Loosen both the left rear head bolt and the rear bolt on the water outlet casting or water pump. Slip the upper mounting tab of the throttle base assembly under the rear head bolt and the front slotted mounting tab under the water outlet casting mounting bolt. It may be necessary to twist the vertical portion of the upper mounting tab to adjust the spacing of the two mounting tabs in order to get a proper fit. Grinding of the tab under the water inlet casting may be necessary for fitting.

3. We have found that there are slight variations in the firewall location from one Model T to another and some fitting may be required for clearance of your firewall. On some radically modified Model Ts this foot throttle may not work. It may be returned if it has not been damaged, but we cannot give you installation advice over the telephone without seeing your car.

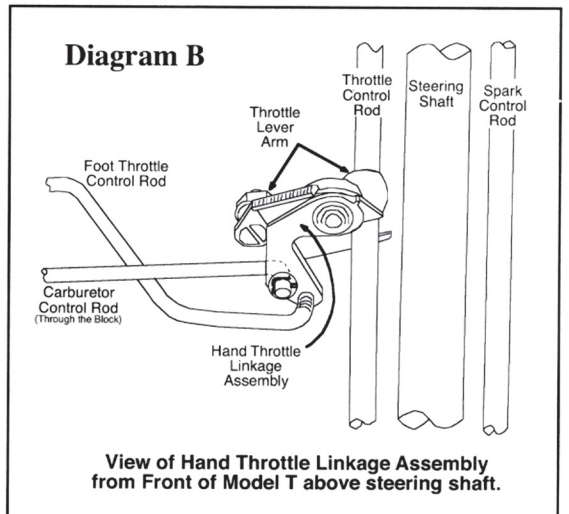


4. When the throttle base is fitted comfortably, retighten both bolts. The head bolt should be tightened to 55 foot pounds torque or whatever torque YQ!! normally use on head bolts. Check to make sure that the foot lever moves smoothly and does not stick at either end of its travel.

5. Study diagram "A" to the right, of the Hand Throttle Linkage Assembly installation on the hand throttle control rod. We have encountered small variations in the length of Throttle Lever Arms. The Hand Throttle Linkage Assembly is manufactured to meet the dimensional specifications of 1-3/8" center to center spacing between the throttle control rod and the carburetor control rod connection point. If you have a shorter Throttle Lever Arm, it may be necessary to do some "fitting".

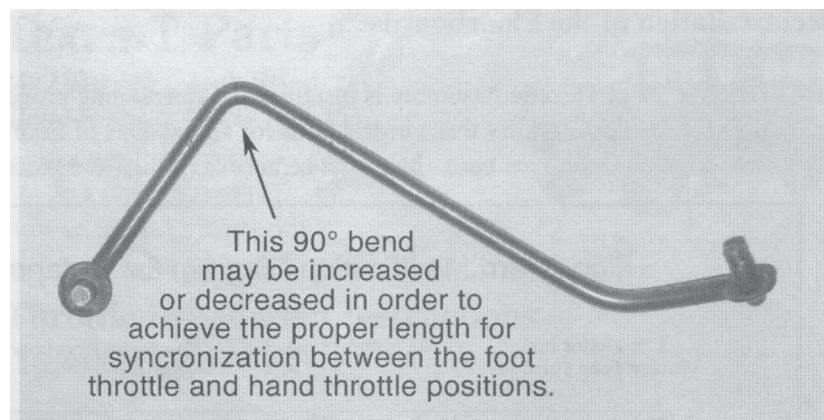


6. After getting the Hand Throttle Linkage assembly fitted to the Throttle Control Rod, remove it and slip your existing carburetor control rod into the middle hole in the pivot arm of the Hand Throttle Linkage assembly as shown in diagram "B" on the right. Some carburetor control rods are 3/16" dia. and some are 7/32" dia. If your carburetor control rod is 7/32" dia. it may be necessary to redrill the hole in the Hand Throttle Linkage assembly with a 15/64" drill. Secure the control rod by slipping a #8 SAE washer on the end of the rod and inserting a 1/16" x 1/2" cotter pin. Now, install the Hand Throttle Linkage Assembly onto the control rod and tighten the 12-24 nut that holds it on the throttle lever arm.

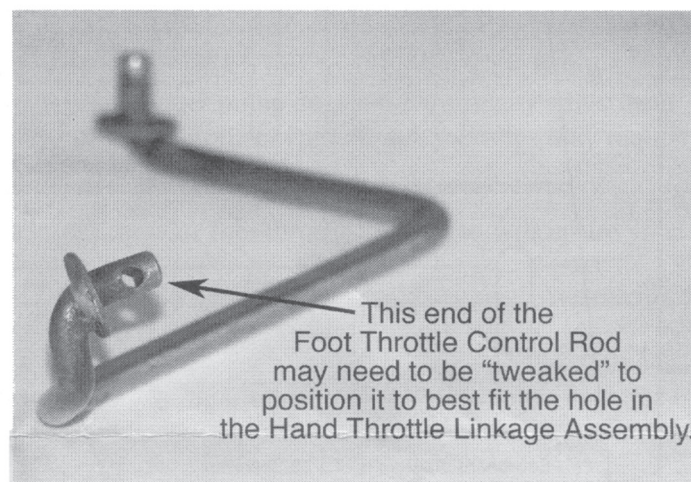


7. Install the Foot Throttle Control Rod between the end hole of the pivot triangle on the Foot Throttle Base and the end hole of the pivot arm on the Hand Throttle Linkage assembly. Secure both ends of the Foot Throttle Control Rod using the remaining #8 SAE flat washers and the 1/16" x 1/2" cotter pins.

8. It may be necessary to adjust the Foot Throttle Control Rod to lengthen the distance between the two ends in order to have the idle position of the foot throttle and the hand throttle properly synchronized. In order to do this, open or close the 90° bend as indicated in the drawing to the right. It may also be necessary to tweak the angle of one or both of the ends to improve the alignment with the the end hole of the pivot triangle on the Foot Throttle Base or the end hole of the pivot arm on the Hand Throttle Linkage assembly.



9. It might also be necessary to adjust the angle of the of the ends on the Foot Throttle Control Rod if it does not line up well to the hole in the Hand Throttle Linkage Assembly. If this is necessary it may be done by clamping the Foot Throttle Control Rod in a vise and using a metal rod with a 3/16" hole drilled in the end.



NOTE:

The Foot Throttle Control Rod included in your kit does not have washers attached like the one shown in the photographs

IMPORTANT!!

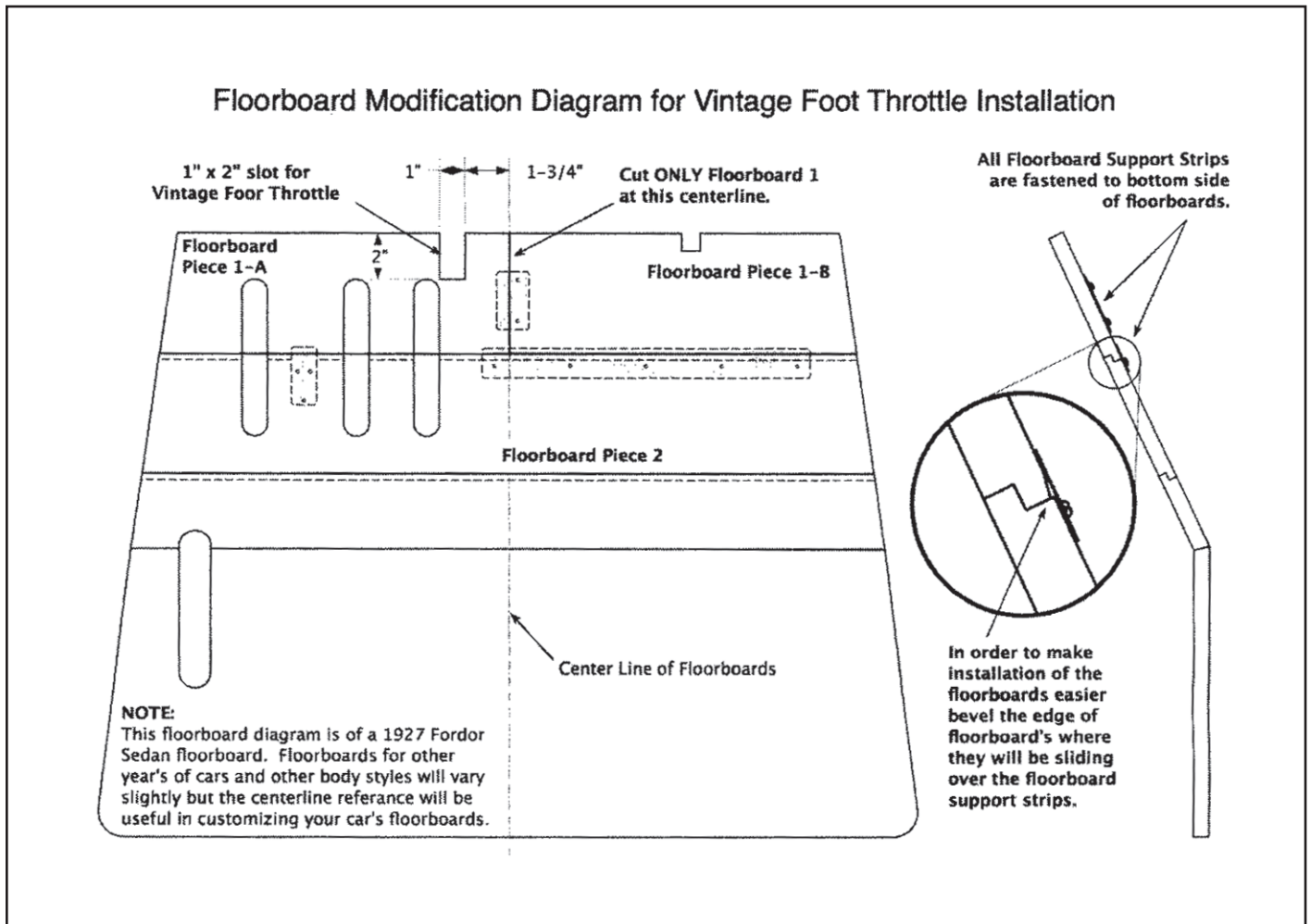
10. Check the movement of both the foot pedal lever and the hand throttle lever to confirm that both are functioning smoothly and do not bind in any position. You may start your engine and test the function **ONLY IF** everything works smoothly. If it does not function smoothly, find the cause of the binding and eliminate it. If you cannot eliminate any binding issues do not attempt to drive your car.

11. It is also important to use cotter pins and #8 flat washers to secure both ends of the Foot Throttle Control Rod in their respective positions. Do not secure them with cotter pins only because the cotter pins can easily wear against the moving parts and then come out.

CAUTION! Remember- your hand throttle continues to work and will override the foot throttle. If you are driving and the hand throttle is advanced it will make no difference if you take your foot off of the foot throttle. The car will continue to travel at the speed setting of the hand throttle. Don't be caught sleeping!

Reinstallation of the Floorboards

12. After the Foot Throttle Assembly is installed and functioning properly, it is time to modify and reinstall your floorboards. To simplify these instructions for all versions of floorboards, we will use the centerline of the floorboards as our reference base. Mark the centerline of the front piece of your floorboards.



13. Install the 13" long floorboard support strip on the underside of Floorboard Piece 2 as shown in the diagram above. It should be approximately centered from side to side between the brake pedal slot and the right edge of the floorboard. It should extend about 7/16" from the edge of the floorboard where it is attached.

14. Install the 1" x 2-1/2" floorboard support strip (the one with three holes) to Floorboard Piece 2 between the reverse pedal slot and the clutch pedal slot as shown above.

15. Mark and cut the front piece of Floorboard Piece 1 at it's centerline. Install the 1-1/4" x 2-1/2" floorboard support strip (the small piece with two holes) as shown above on the passenger side floorboard piece (Floorboard Piece 1-B in the diagram above.)

16. Mark and notch the Floorboard Piece 1-A to provide clearance for the foot throttle base that you have installed on your engine. The diagram above has the correct location for the foot throttle installations on the cars we have tested, but you should not cut your floorboard without confirming the measurement on your Model T. You may find it necessary to use a hacksaw to cut the notch into metal pedal trim plate or pedal draft deflector if your have them installed on your floorboards. Dimensions for cutting your floorboard may differ than the drawing