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Throttle Pedal Assembly Installation Instructions For 1962-1967 Nova

General Installation Notes:

Please read these instructions completely before beginning the installation. If you have any questions please call.

Before beginning the installation, disconnect the negative battery cable and use wheel chocks to block the vehicle's wheels.

Make sure the engine, transmission, body and frame are properly grounded. We recommend using anti-seize lubricant on all aluminum threads.

IMPORTANT APPLICATION INFORMATION: This Throttle Pedal is designed to replace rod style throttle linkage only. It will not fit a vehicle that originally came with cable style throttle linkage from the factory.

This Lokar Throttle Pedal is designed for use with a Lokar Throttle Cable. Stock style cables will not work. If your vehicle has an automatic transmission, installation of a Lokar Kickdown Kit (if applicable) is strongly recommended. Lokar Throttle Cables and Kickdown Kits are application-specific according to the type of induction system and the transmission model.

Refer to Fig. 1 and Fig. 2 for the component names, and Fig. 2 for an assembly diagram.

Step 1: Remove any existing throttle pedal assembly and linkage components.

Step 2: Drill out the original throttle pedal mounting holes in the firewall using a 17/64" drill bit.

Step 3: Remove the 1/4"-20 x 1/2" flat head bolt and aluminum end washer from the end of the mounting shaft on the new Throttle Pedal, and slide the pedal assembly off of the mounting shaft. **Fig. 3**

Step 4: The mounting shaft will be installed onto the firewall on the passenger compartment side where the original throttle pedal was mounted. Position the firewall mounting plate on the engine compartment side of the firewall. Install the provided 1/4"-28 x 5/8" button head bolts through the firewall mounting plate, then the firewall, through the flange on the mounting shaft, and secure with the nylock nuts inside the passenger compartment. **Fig. 4, Fig. 5, and Fig. 6**

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Step 5: Separate the upper and lower arms by removing one of the Delrin® bushings and sliding one of the arms off of the splined bushing. If your transmission tunnel does not interfere with the pedal pad, and you are comfortable with its position, the other arm and pedal pad do not need to be removed from the splined bushing. If there is interference or if you would prefer the pedal pad moved to the left, the upper and lower arms can be switched left to right.

Step 6: Position the upper and lower arms on the splined bushing so that when the pedal pad is in the at-rest position where you want it, the upper arm is parallel to the firewall. Slide the pedal assembly onto the mounting shaft. Reinstall the 1/4"-20 x 1/2" flat head bolt and aluminum end washer onto the end of the mounting shaft. **Fig. 7**

Step 7: Mark the firewall in line with the 3/16" hole on the end of the billet upper arm. Drill a 5/16" diameter hole through the firewall for the throttle cable fitting to mount into. **Note:** The two offset firewall washers (**Fig. 2, #15**) will have to be installed on the firewall (one inside and one outside) and rotated to allow the throttle cable to go straight through the firewall.

Step 8: Install the Lokar Throttle Cable according to the instructions supplied with the Throttle Cable. You may have to reposition the billet upper arm on the Throttle Pedal assembly in order to get the Throttle Cable adjusted correctly. Make sure there is no binding in the throttle linkage and that the throttle returns to the closed position when the Throttle Pedal is released.

See **Fig. 8** for a finished installation.

NOTE: Once the Throttle Cable is installed, make sure that the Throttle Pedal is completely floored when the throttle is wide open. If the Throttle Pedal is not completely floored at wide open throttle, you will need to either change the position of the billet lower arm on the Throttle Pedal assembly or install a pedal stop.

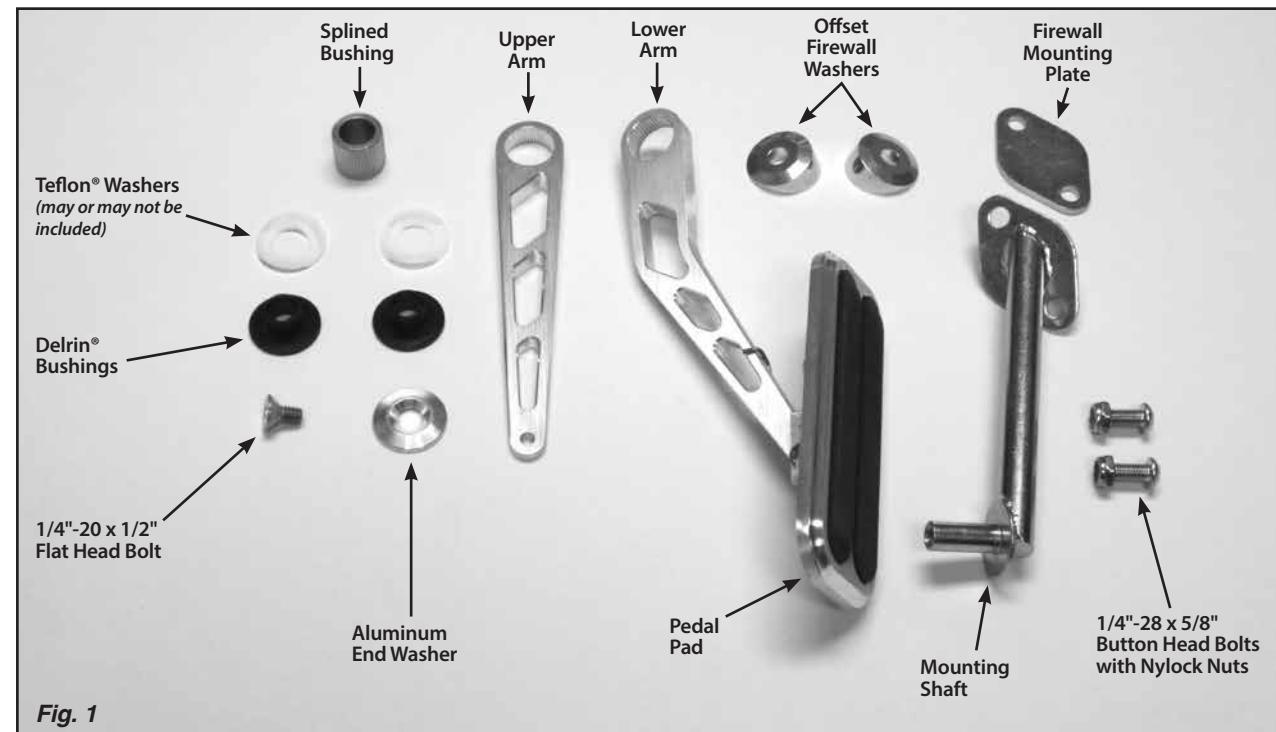
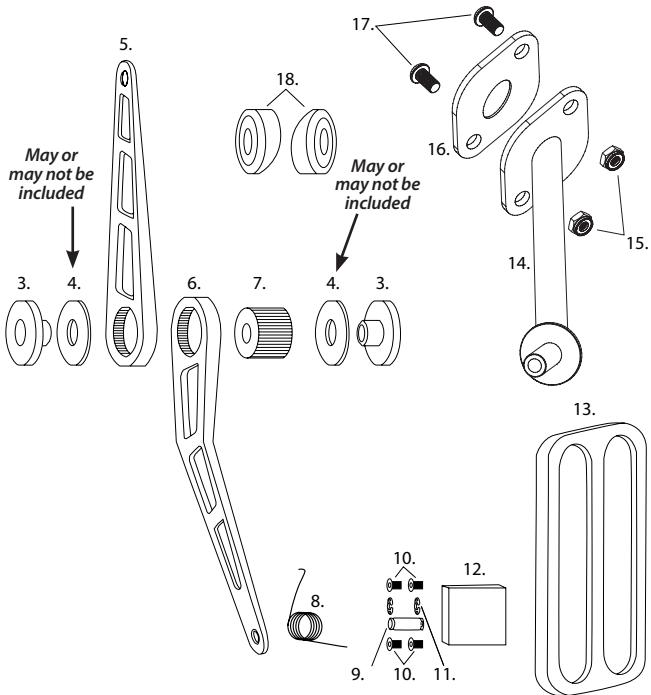


Fig. 1

Throttle Pedal Assembly Installation Instructions For 1962-1967 Nova

1. 1/4"-20 x 1/2" Flat Head Bolt
2. Aluminum End Washer
3. Delrin® Bushing
4. Teflon® Washer
(May or may not be included)
5. Billet Upper Arm
6. Billet Lower Arm
7. Splined Bushing
8. Stainless Pedal Pad Spring
9. Stainless Pedal Pad Pin
10. #8-32 x 3/16" Button Head Bolt
11. 3/16" Stainless E-Clips
12. Gas Pedal Back
13. Pedal Pad
14. Mounting Shaft
15. Nylock Nuts
16. Firewall Mounting Plate
17. 1/4"-28 x 5/8" Button Head Bolts
18. Offset Firewall Washers

Fig. 2



Pedal Assembly



Fig. 3

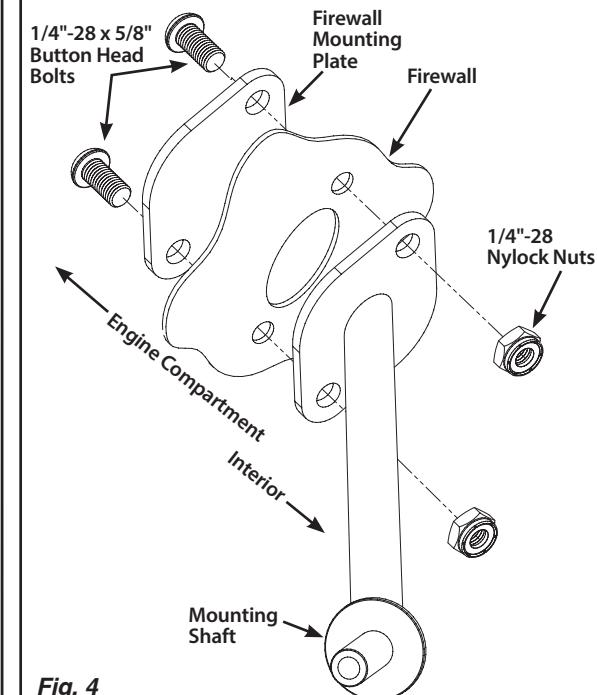


Fig. 4



Fig. 5

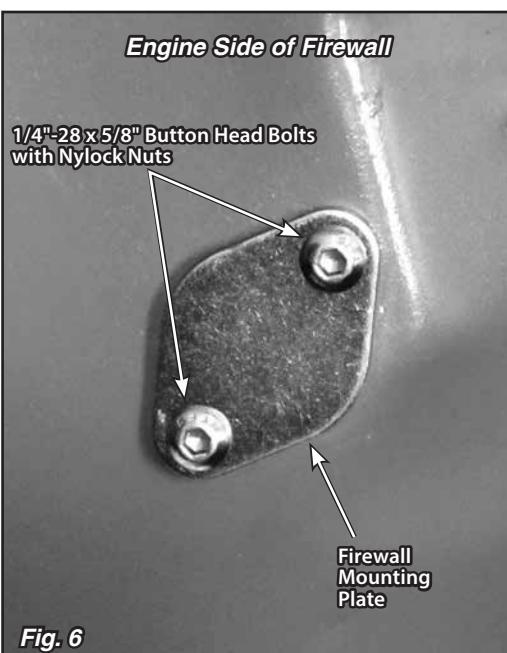


Fig. 6



Fig. 7

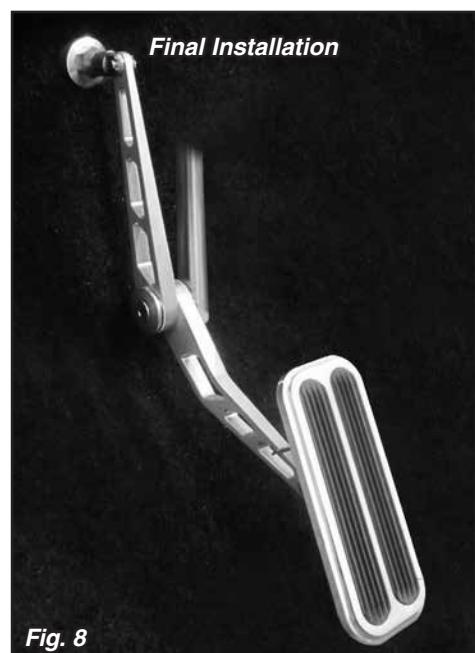


Fig. 8