



Detroit Speed, Inc.
Selecta-Speed Wiper Kit
1962-64 Chevy II
1965 Chevy II
1966 Chevy II
1967 Chevy II

P/N: 121614, 121615, 121616, 121617

Part Name	Quantity
Wiper Assembly	1
Interior Bezel	1
Interior Knob	1
Stainless Steel Screw 10-24 x 3/4"	3
Stainless Steel 10-24 Nylok Nut	3
10-24 x 1/2" OD Washer	3
Wiring Harness w/Switch	1
Connector, 5 Male	1
Grey Terminal Lock	1
Firewall Cover Plate and Seal	1

Important: *The DSE Selecta-Speed Chevy II Wiper Kit is **not** compatible with the factory GM HVAC system. Please contact Detroit Speed if you need assistance with selecting an alternative HVAC system.*

A downpour of rain will no longer hinder your ability to clearly see the road. This kit provides you with the performance and convenience of a late model wiper system in a package that easily and cleanly mounts in your 1962-1967 Chevy II.

This kit features a seven speed wiper system with five delays, low speed, and high speed. A CNC aluminum adapter plate and specialized mounting bracket mount the wiper motor to the stock firewall bolt pattern. The new pitman arm included in the kit connects directly to your existing wiper linkage. A rotary switch with a billet aluminum knob is also included, along with the complete wiring harness.

Before beginning your installation, confirm that the included interior knob and bezel match the factory knob and bezel for your year car. *Figure 6* at the end of the directions shows the correct knob for each car.

Installation Instructions:

1. Before beginning, please ensure that the parts included with your kit match the part list above and *Figure 5* at the end of these directions. Ensure that the factory wiper system is in its "Parked" position. Disconnect the battery power by removing the negative battery lead from the battery. Mark the position of the wiper arms by placing masking tape on the windshield. This will assure the arms are accurately replaced.

2. Disconnect the wiper linkage from the wiper motor pitman arm and remove the stock wiper motor and wiper linkage from the firewall. Take careful note of the wiper linkage configuration as it will be modified slightly and reinstalled later.
3. The original wiring will not be used with the new Selecta-Speed Wiper Kit. A custom harness is provided to replace the original. **Note:** If you decide to cut the old wires please pay special attention to properly terminate the wire ends to avoid possible shorting.
4. Mount the firewall cover plate with the attached seal to the firewall using the supplied 10-24 x $\frac{3}{4}$ " screws so that the screws protrude through the factory wiper motor weld nuts. **Note:** the firewall cover plate is finished in an "E-coat" primer and can be painted if desired.
5. The wiper motor mounting bracket is supplied attached to the wiper motor assembly for easy shipping. Remove the wiper motor mounting bracket from the wiper motor assembly by removing the four 10-24 x $\frac{1}{2}$ " allen screws from the adapter plate and sliding the motor and adapter plate out of the stamped mounting bracket.
6. Mount the wiper motor mounting bracket to the firewall by attaching it to the protruding cover plate screws from step 4 using the supplied washers and 10-24 Nylok nuts. See *Figure 1*.
7. Attach the wiper motor and adapter plate to the stamped mounting bracket.

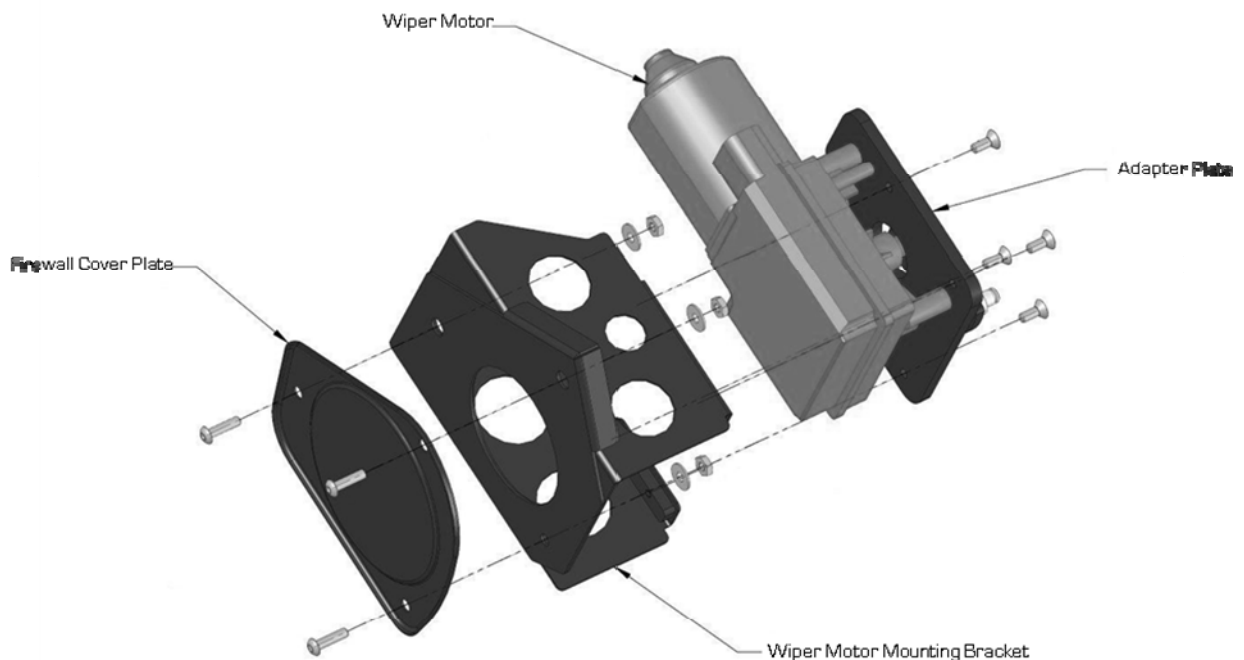


Figure 1. Cover Plate, Mounting bracket, Wiper Motor, and Adapter Plate assembly

8. Using a bench vise, bend the factory wiper linkage slightly (about 10 degrees) to accommodate for the difference in the new pitman arm position. An appropriately sized drill bit can be placed in the vise with the linkage end to help protect the bushings in the linkage and ensure proper bend location. See *Figure 2a*. The final linkage shape is shown in *Figure 2b*.

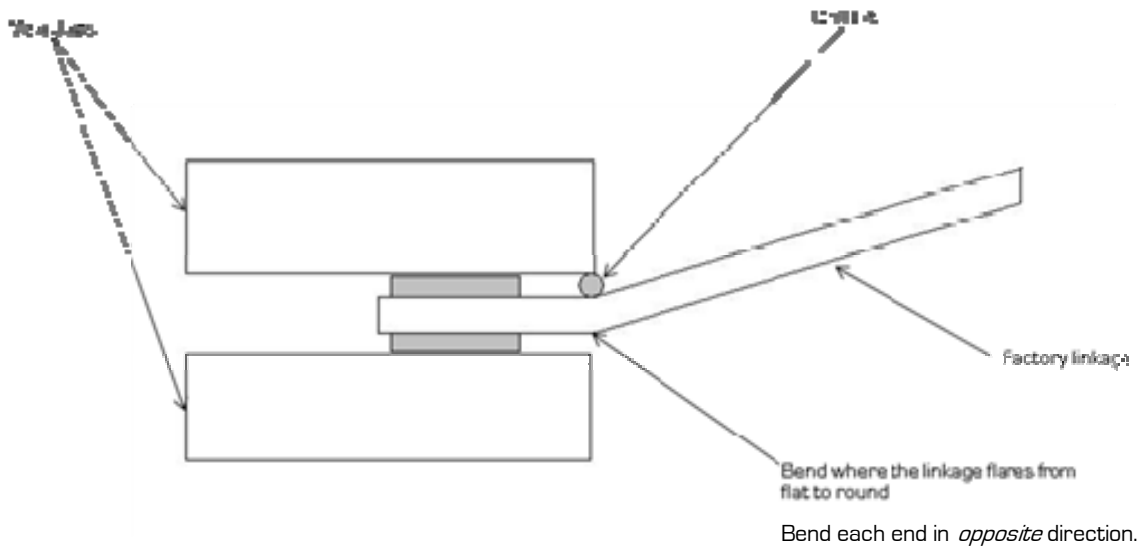


Figure 2a. Bending the Linkage Ends Properly

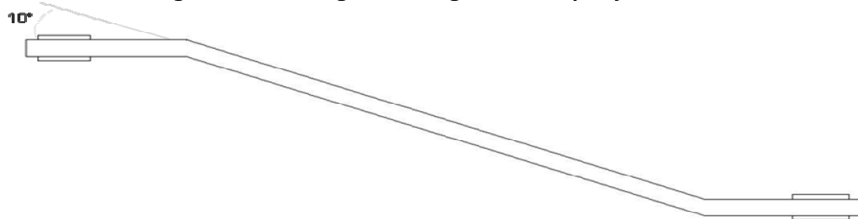


Figure 2b. Modified Wiper Linkage

9. Reinstall the modified wiper linkage and attach it to the new pitman arm. **Note:** The Selecta-Speed wiper kit is shipped with the pitman arm in the “parked” position.
10. Remove the stock wiper switch from the dash. The Selecta-Speed switch will replace the stock switch.
11. Mount the switch in the dash. Use the DSE supplied hardware to mount the switch in the original dash location, if desired. See *Figure 3*.

Stock Dash Mount Illustration (all years)

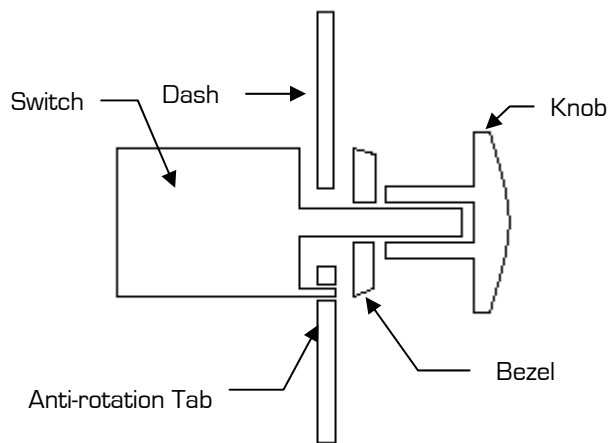


Figure 3a. Side View

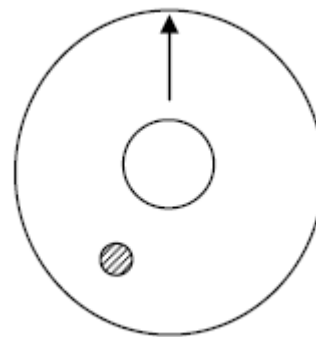
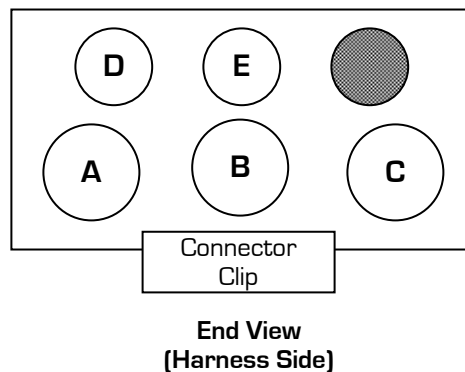


Figure 3b. Switch Mounting Template

Switch Mounting Instructions:

1. Cut the template out and place it over existing wiper switch hole in dash. Make sure arrow is pointed up. (12 o'clock position)
 2. Mark the center of shaded area in dash.
 3. Remove the template and drill a 5/32" hole in dash to accommodate anti rotation tab of switch.
 4. Mount the switch and bezel in dash.
 5. Slide the wiper knob onto switch shaft. Align the setscrew with the flat on the shaft and tighten.
12. The wiring harness is shipped with the four wires that connect to the wiper motor terminated but not installed into the motor-connector. Connect the wires into the supplied white connector housing using *Figure 4*. The connector cavities that are not used have already been plugged. The connector cavities are labeled for your reference, match the wire color to the appropriately labeled cavity and push the terminal until you hear a "snap" which locks the terminal to the connector.



Connector Key:







 A	12 Gauge Black Wire	 C	14 Gauge Light Green Wire
 B	12 Gauge Yellow Wire	 D	14 Gauge Light Blue Wire
 Not Used		 E	18 Gauge Black & White Wire

Figure 4. Connector Schematic

13. Install the Grey Terminal lock after the wires have been installed into the cavity. This provides a secondary locking mechanism to ensure the terminals will not come loose.
14. Connect the yellow wire under the dash to a 12V switched source. This lead is supplied with an inline 30 amp ATO fuse.
15. Connect the black wire with the round eyelet under the dash to a ground. Make sure a proper ground is obtained by removing any rust or paint from the metal.
16. Connect the negative battery lead and test the wiper system. Upon a successful test, the conversion is complete.

Note: In some cases high energy ignition systems have caused interference with the correct operation of the Selecta-Speed Wiper Kit due to spark plug wires routed closely to the wiper motor. If this occurs, re-routing your spark plug wires may be necessary.



Figure 5. The complete DSE Selecta-Speed Wiper Kit



Figure 6. Correct Knob/Bezel combinations for each year

If you have any questions, please call Detroit Speed and Engineering, Inc. at (704) 662-3272.