



**Detroit Speed, Inc.**  
**Selecta-Speed Wiper Kit**  
 1964-1965 A-Body  
 P/N: 121601, 121606

A downpour of rain will no longer hinder your ability to clearly see the road. The Detroit Speed Inc. Selecta-Speed Wiper Kit provides you with the performance and convenience of a late model wiper system in a package that easily and cleanly mounts in your 1964-65 A-Body.



Figure 1 - P/N: 121606

Item #	Description	Quantity
1	Wiper Motor Assembly w/Adapter Plate	1
2	Wiper Control Module w/Mounting Plate	1
3	Wiper Harness	1
4	Wiper Switch Assembly	1
5	Wiper Knob w/Set Screw	1
6	1-1/4" Firewall Grommet	1
7	Switch Bezel	1
8a	10-24 x 3/4"L Stainless Steel Screws (121606 only)	3
8b	10-24 x 3/4"L Stainless Steel Screws (121601 only)	2
9	6-32 Stainless Steel Nut (121601 only)	1
10	Pitman Arm E-Clip	1
11	Instructions	1

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

This kit does feature a washer pump option as the wiper switch does have a push button function. The wiring harness/control module is equipped with a power and ground wire to install an inline electric washer pump. DSE does offer a washer pump kit available as part number 121102.

### Installation Instructions:

1. Before beginning, please ensure that the parts included with your kit match the parts list above. Ensure 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. Remove the wiper arms, washer hoses, and cowl panel from the vehicle.
2. Disconnect the wiper linkage from the wiper motor pitman arm by removing the E-clip and remove the stock wiper motor from the firewall.
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 new wiper motor assembly to the firewall. For part number **121601**, skip to step 5. For part number **121606** use the three supplied 10-24 x 3/4"L stainless steel allen screws to mount the wiper motor assembly to the firewall. The adapter plate will mount to the firewall using the original wiper motor weld nuts (Figure 2). Continue on to step 6.



Figure 2 - "Can" Style Wiper Motor

5. From the engine side of the firewall, position the 6-32 stud, installed into the wiper adapter plate, into the mounting hole in the firewall. Install two of the provided 10-24 x 3/4"L stainless steel allen screws into the two open holes in the adapter plate. They will mount to the firewall using the original wiper motor weld nuts. From the cowl side of the firewall, attach the 6-32 nut to the stud (Figure 3 on the next page).



Figure 3 - "Box" Style Wiper Motor

6. Attach the new pitman arm to the original wiper linkage using the provided replacement E-clip, which will provide a tighter connection than the original (Figure 4). **NOTE: The Selecta-Speed wiper kit is shipped with the pitman arm in the "parked" position. Do not move the pitman arm by hand to attach the wiper linkage. If the pitman arm is moved from the original "parked" position from DSE, it may result in the wiper blades stopping in the wrong spot on the windshield.**



Figure 4 - Attach Pitman Arm to Wiper Linkage

7. The Selecta-Speed switch will replace the stock switch. Loosen the set screw on the wiper knob and remove it from the switch. Remove the bezel from the switch by using a flat blade screwdriver or appropriate tool. MAC Tools has a wiper switch removal tool available as p/n: SC19 (Figure 5 on the next page). Remove the stock wiper switch from the dash and remove the connector. Tie up the original wiring under the dash, if desired.



Figure 5 - Wiper Switch Removal Tool

8. Install the new wiper switch in the dash. Use the DSE supplied hardware to mount the switch in the original dash location, if desired. Thread the bezel onto the switch shaft and tighten by hand so that its flat side is against the dash (Figure 6).

#### Stock Dash Mount Illustration

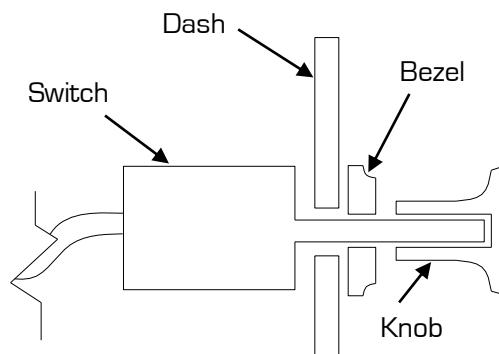


Figure 6 - 1964-1965 Stock Dash Mount Orientation

**NOTE:** If you don't have a wiper switch tool, you can tighten the bezel by using two small drill bits or pins in the two holes of the bezel and tighten them by turning a screwdriver between the 2 pins (Figure 7).

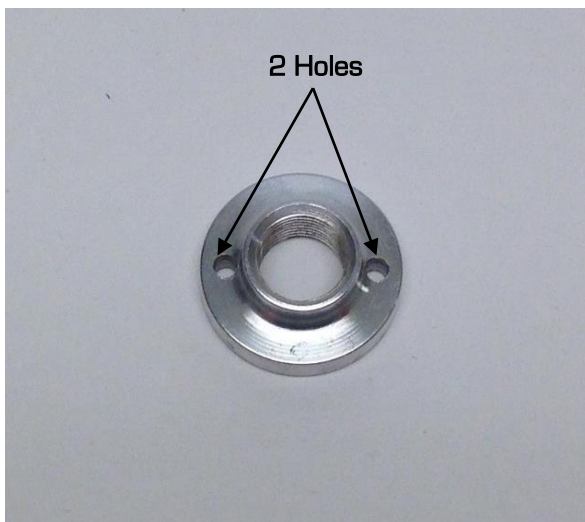


Figure 7 - Wiper Switch Bezel



- Slide the wiper knob onto the switch shaft. Align the set screw with the flat on the switch shaft and tighten (Figure 8). **NOTE:** Make sure the set screw locks onto the flat on the switch shaft.



Figure 8 - 1965 Chevelle Switch/Knob Installation

- Remove the firewall plug (Figure 9) and route the wiper motor connector side of the wiring harness (Figure 10) through the firewall.

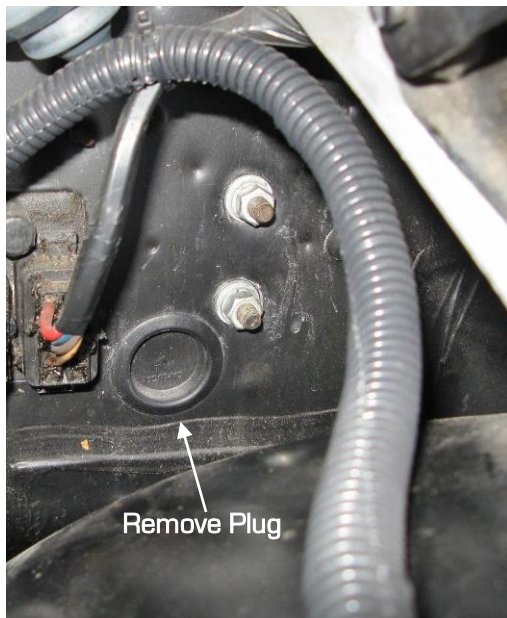


Figure 9 - Remove Firewall Plug



Figure 10 - Wiper Motor Connector

- A rubber grommet is already installed on the wire loom for the wiper motor wires. Once there is enough of the loom through the firewall to connect to the wiper motor, move the grommet on the loom and install it into the firewall to seal the engine compartment from the inside of the vehicle (Figures 11 & 12 on the next page). **NOTE:** You may need to trim back some of the insulation under the dash to properly fit the grommet.



Figure 11 - Engine Side



Figure 12 - Under Dash

12. The DSE Selecta-Speed harness does include a weather pack connector to install an optional electric inline washer pump into your vehicle (Figure 13). DSE does offer a washer pump kit you can purchase separately as part number 121102.



Figure 13 - Washer Pump Connection

13. If you do not want to use the washer pump feature, you can tie wrap this connector/loom up under the dash. If you would like to use this option, use an existing hole or drill a new hole in your firewall to pass the connector through the firewall. You will need a 1-1/8" diameter hole in order to use the provided 1-1/4" rubber grommet. If you have purchased the DSE washer pump kit, use the instructions from that kit to complete the washer pump kit installation.

14. Install the wiper control module onto the module mounting plate using the provided 8-32 hardware if not already assembled from DSE (Figure 14). Do not overtighten.



Figure 14 - Control Module & Mounting Plate

15. Remove the 2 screws at the bottom of the dash that hold the heater control slide lever assembly. Mount the module and plate underneath the heater controls using the 2 screws that were removed (Figure 15).



Figure 15 - Install Module & Mounting Plate

16. With the wiper control module mounted in place, plug in the wiper switch and wiring harness connectors into the control module (Figure 16). **NOTE:** For part number **121601**, due to different options or installations of other components under the dash, the wiring harness may not reach the module mounted in the location shown above (Figure 14). If this is the case, the module mounting plate can be located anywhere under the dash so the harness will reach the module.

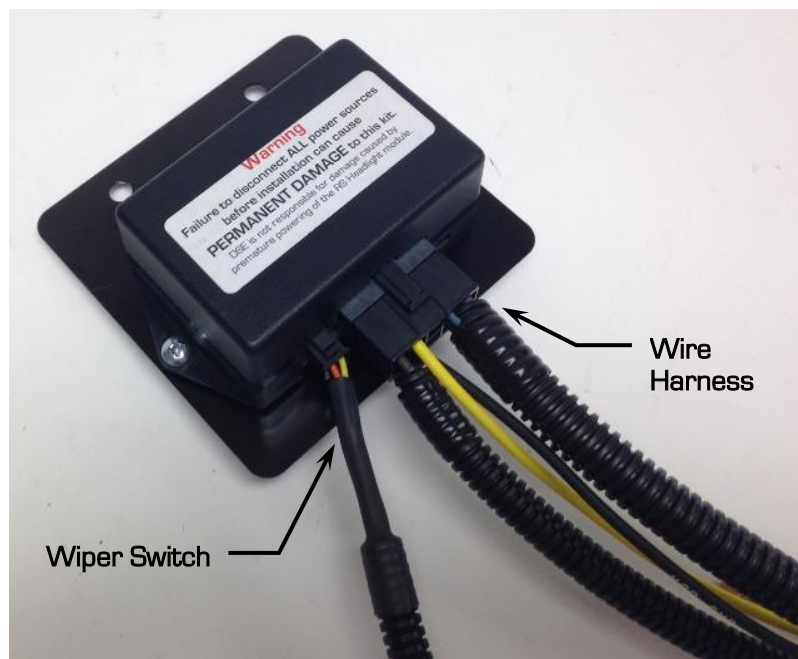


Figure 16 - Connect Wiper Switch & Harness to Module



17. Connect the yellow wire under the dash to a 12V ignition or accessory switched source. [Circuit is active when the key is in the run position]. One connection method is shown in Figure 17. This lead is supplied with an inline 30 amp ATO fuse.

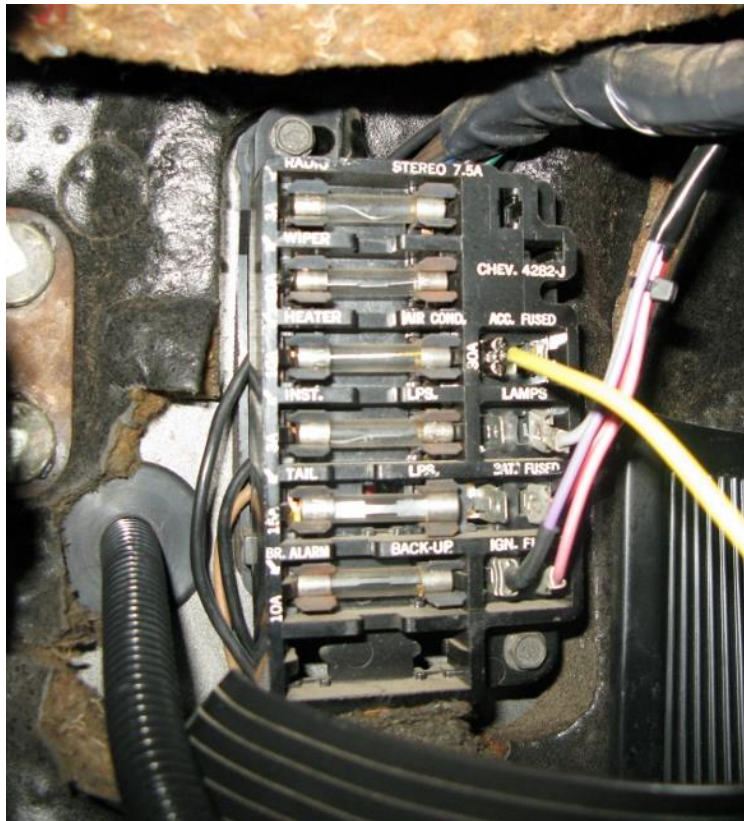


Figure 17 – Connect Power Wire

18. Connect the black wire with the round eyelet to a ground under the dash. Make sure a proper ground is obtained by removing any rust or paint from the metal.
19. Connect the negative battery lead and test the wiper system. Upon a successful test, the conversion is now complete. Secure the new wiring harness under the dash and in the engine compartment. Re-install the cowl panel and wiper arms along with any other components that have been removed.

**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.

If you have any questions before or during the installation of this product please contact Detroit Speed Inc. at [info@detroitsspeed.com](mailto:info@detroitsspeed.com) or 704.662.3272

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