

Detroit Speed
Selecta-Speed Wiper Kit
1967-72 C10 Trucks
P/N: 121632

A downpour of rain will no longer hinder your ability to clearly see the road. The Detroit Speed 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 1967-72 C10 Truck.



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	Billet Aluminum Wiper Switch Knob	1
6	Threaded Adapter	1
8	7/16" Flat Washer	1
9	10-24 x 5/8" L Button Head Cap Screw	3
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 new wiper motor to the stock firewall bolt pattern under the dash. The new pitman arm, included in the kit, connects directly to your existing wiper linkage. A rotary switch is also included, along with a 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 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. Remove the wiper arms, washer hoses and cowl panel from the vehicle (Figure 1).



Figure 1 – Remove Cowl Panel

3. Remove the pitman arm E-clip from the wiper motor and remove the wiper linkage. A new pitman arm E-clip is provided in your DSE wiper kit (Figure 2).



Figure 2 – Remove Wiper Linkage

4. Underneath the dash, disconnect the electrical connectors from the factory wiper motor. Remove the three screws holding the wiper motor to the firewall bracket and remove from the vehicle (Figure 3). Remove any remaining gasket material from the stock mounting bracket.

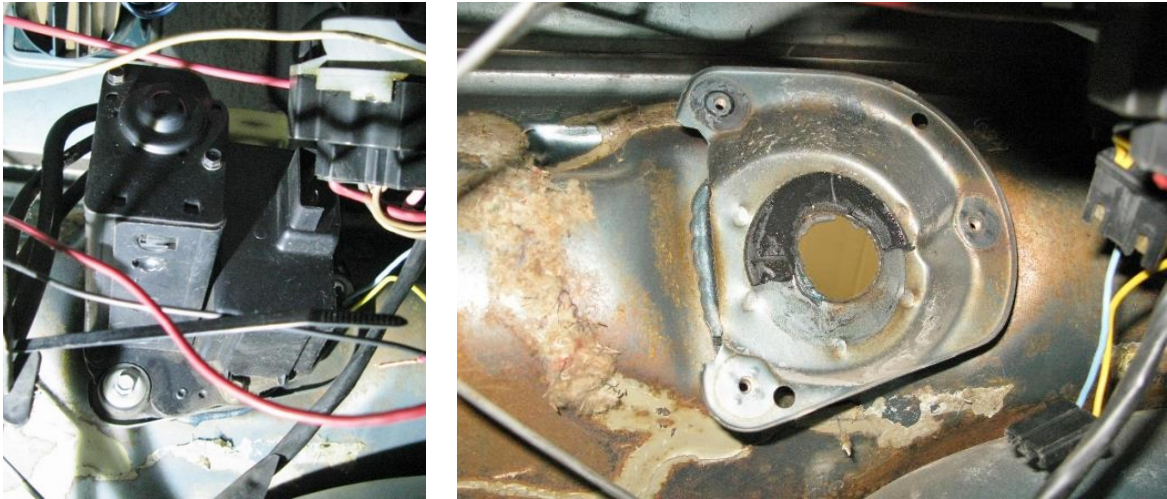


Figure 3 – Remove Factory Wiper Motor

5. 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.**
6. Mount the new wiper motor assembly to the firewall with the three provided 10-24 x 5/8" L button head cap screws. The adapter plate will mount to the firewall using the original wiper motor weld nuts in the firewall mounting bracket (Figure 4).

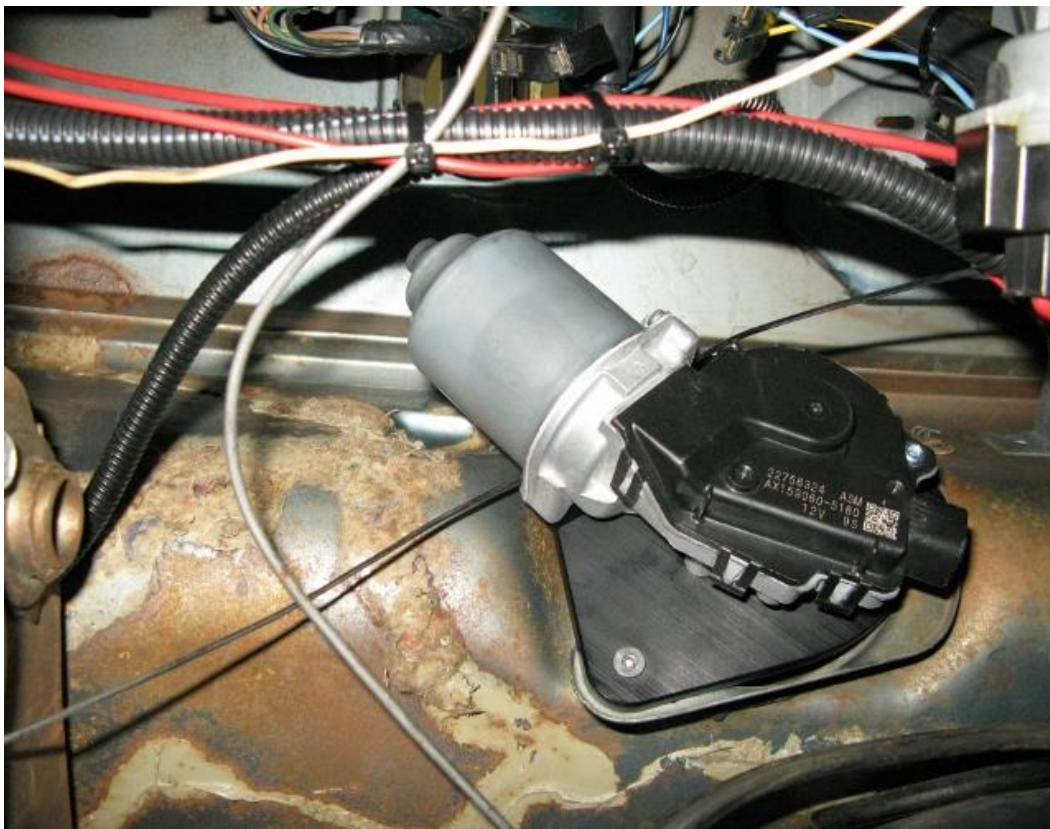


Figure 4 – Attach Wiper Motor to Firewall

7. Attach the new pitman arm to the original wiper linkage using the new provided pitman arm E-clip (Figure 5). **NOTE: The Selecta-Speed 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 5 – E-Clip

8. The Selecta-Speed switch will replace the stock switch. Remove the factory wiper switch from the dash. First, remove the wiper knob from the switch using a flat blade screwdriver to remove the set screw (Figure 6). Then remove the switch bezel by threading it off the wiper switch. You will re-use the factory bezel with the DSE wiper switch.



Figure 6 – Remove Factory Wiper Knob

9. Remove the hex nut that is holding the factory switch in the dash. Pull the switch out from behind the dash and remove any electrical connectors (Figure 7). Tie up the original wiring under the dash, if desired.



Figure 7 – Remove Factory Wiper Switch

10. Remove the hardware from the DSE wiper switch. Install the 7/16" flat washer followed by the star washer that came with the DSE wiper switch. You can use the large star washer that was removed in the previous step from the factory wiper switch instead if desired. Install the DSE wiper switch from behind the dash (Figure 8).

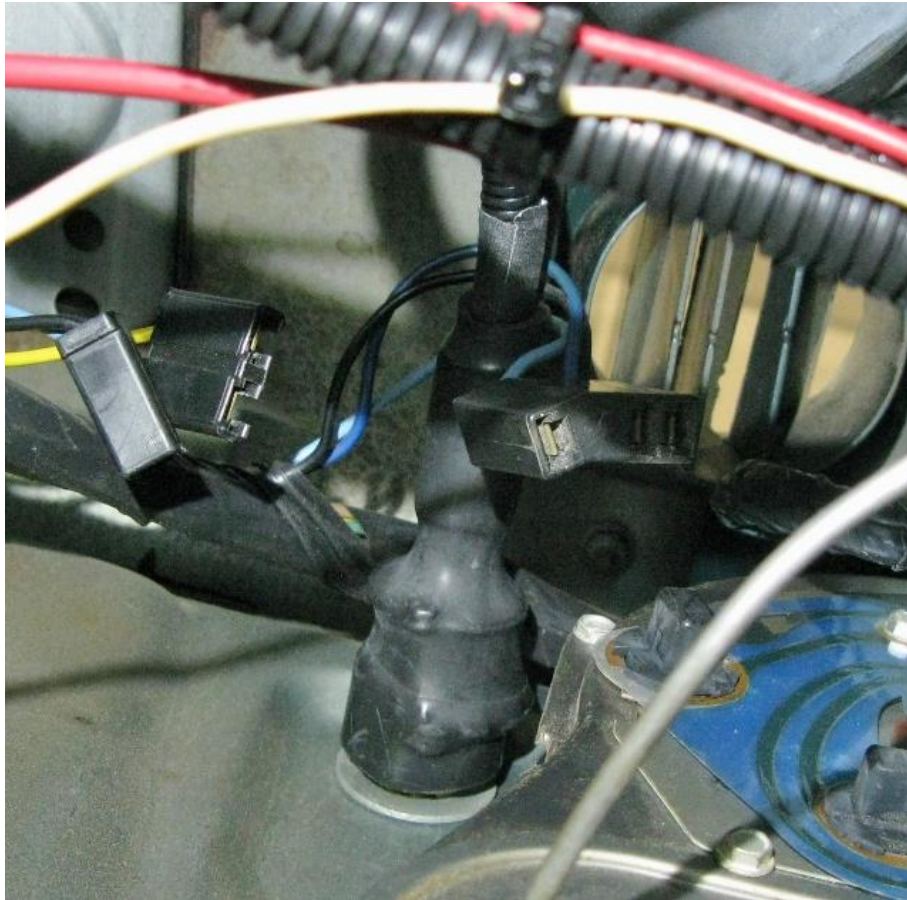


Figure 8 – Install DSE Wiper Switch

11. Install the provided threaded adapter onto the wiper switch (Figure 9). Thread the factory switch bezel over the switch and onto the threaded adapter to hold it in place (Figure 10).



Figure 9 – Install Threaded Adapter



Figure 10 – Install Switch Bezel

12. Install the DSE wiper knob onto the switch shaft. Align the set screw with the flat on the switch shaft and tighten (Figure 11 on the next page). **NOTE:** Make sure the set screw locks onto the flat on the switch shaft.



Figure 11 – Install Wiper Knob

13. Install the wiper motor connector side of the DSE wiring harness into the wiper motor (Figure 12).

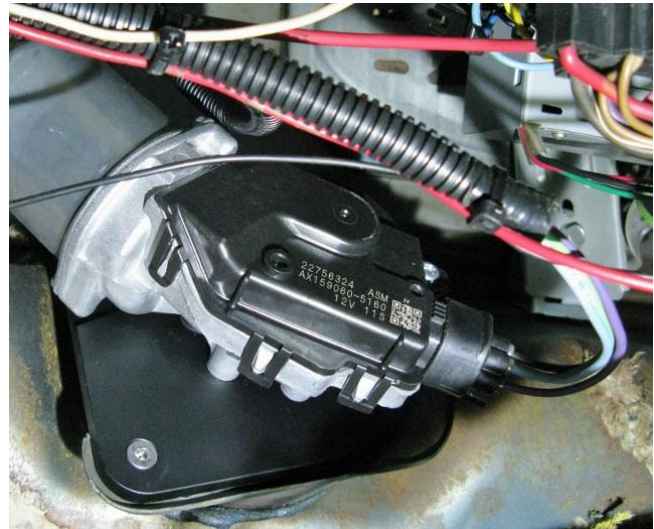


Figure 12 – Install Wiper Motor Connector

14. 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

15. If you have purchased the Detroit Speed washer pump kit, use the instructions from that kit to complete the washer pump kit installation. If you do not want to use the washer pump feature, you can tie wrap this connector/loom up under the dash.
16. Install the wiper control module onto the module mounting plate using the provided 8-32 hardware if not already assembled from DSE. Do not overtighten.
17. Remove the lower left hand bolt from the bracket underneath the steering column. Loosen the other three bolts that so that the bracket is loose enough to slide the module and mounting plate inbetween the steering column support and the bracket (Figure 14).
NOTE: You may need to re-position the module mounting plate if you have a manual clutch pedal.

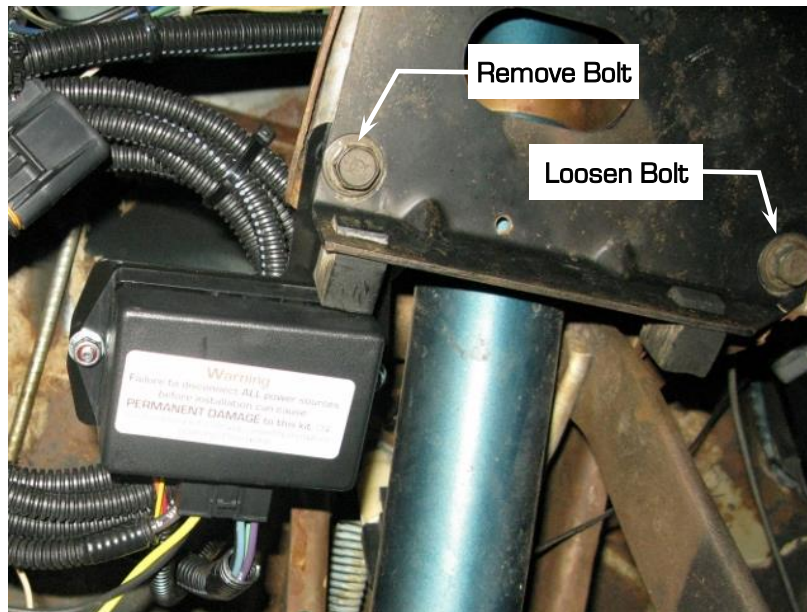


Figure 14 – Install Module & Mounting Plate

18. Re-install the bolt that was removed in the previous step into the bracket to hold the module in place. **NOTE:** The module connectors should be pointing towards the firewall. Tighten the other three bolts that were loosened in the previous step.
19. With the wiper control module in place, plug in the wiper switch and wiring harness connectors into the control module (Figure 15).

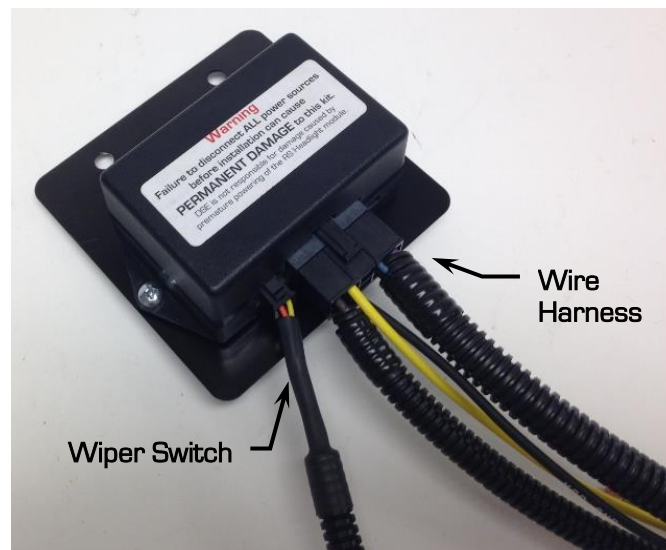


Figure 15– Connect Wiper Switch & Harness to Module

20. Connect the yellow wire under the dash to a 12V ignition or accessory switched source (Figure 16). (Circuit is active when the key is in the run position). This lead is supplied with an inline 30 amp ATO fuse.

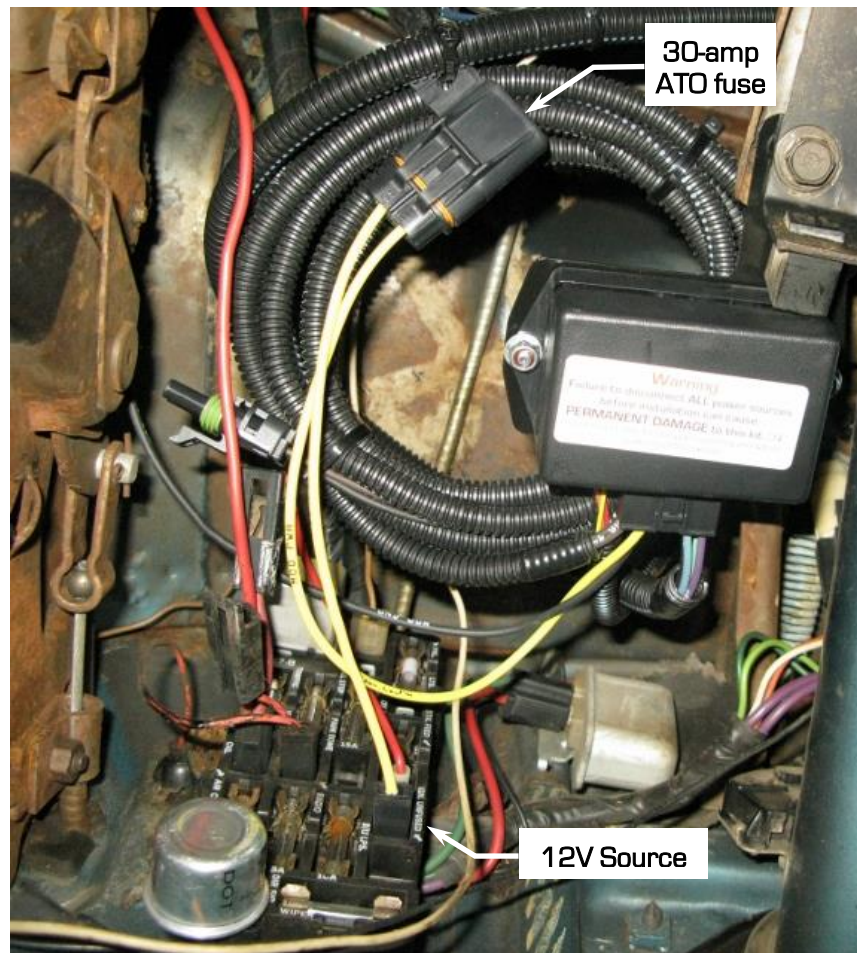


Figure 16 – Connect 12V Source

21. Connect the black wire with the round eyelet to a ground located under the dash. Make sure a proper ground is obtained by removing any rust or paint from the metal.
22. Connect the negative battery lead and test the wiper system. Upon a successful test, the wiper 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 component that had 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 at tech@detroitsspeed.com or 704.662.3272

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