

Detroit Speed  
Windshield Washer Pump Kit  
P/N: 121102

The Detroit Speed Windshield Washer Pump Kit is designed to be used with the DSE Selecta-Speed Wiper Kit and to replace the OEM washer pump. The DSE Wiper Kit has a push button function on the wiper switch as well as power and ground wires in the wiper kit wiring harness to install the DSE Washer Pump Kit using a Weather pack connector.



Item	Description	Quantity
1	Washer Pump	1
2	2' Hose	1
3	Hose Adapter	1
4	"T" Connector	1
5	Mounting Screws	2
6	Firewall Grommet	1
7	Instructions	1

## Installation Instructions:

1. Disconnect the battery power by removing the negative battery lead from the battery. Remove the washer pump, washer hoses, etc.
2. The DSE Selecta-Speed harness includes a weather pack connector to install the DSE Washer pump (Figure 1).



Figure 1 - Washer Pump Connection

3. To pass the connector through the firewall, you may reuse the existing grommet from the Selecta-Speed harness. Alternatively, you may drill a new 1-1/8" diameter hole in the firewall and use the 1-1/4" rubber grommet that is provided in this kit.
4. Inspect your washer hoses to see if they are in good condition. Trim at least 1/4" off the end of the hose to go to the washer pump. If you have a filter in your reservoir, make sure the filter is clean.
5. Locate the new washer pump within 20" of your reservoir. The washer pump can be mounted in any direction however upright is preferred if possible, using the provided mounting screws. For the best results, the new pump should be mounted no higher than the reservoir (Figure 2). **NOTE:** This washer pump is a non-submersible pump.

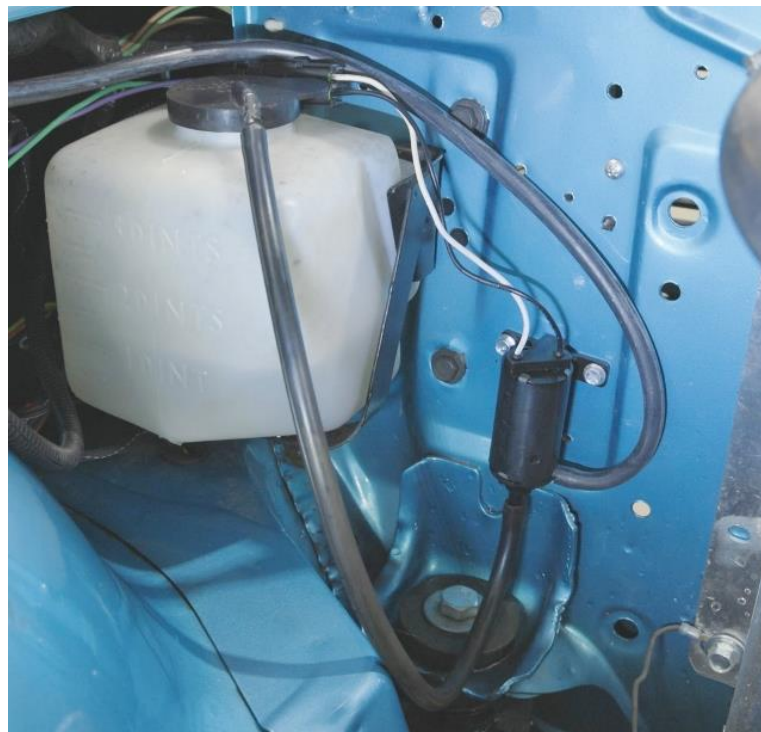


Figure 2 - Install Washer Pump

6. Connect the hose going to the windshield spray nozzles to the output nozzle of the washer pump. Use the provided hose to go between the inlet nozzle of the pump and the reservoir [Figure 3].

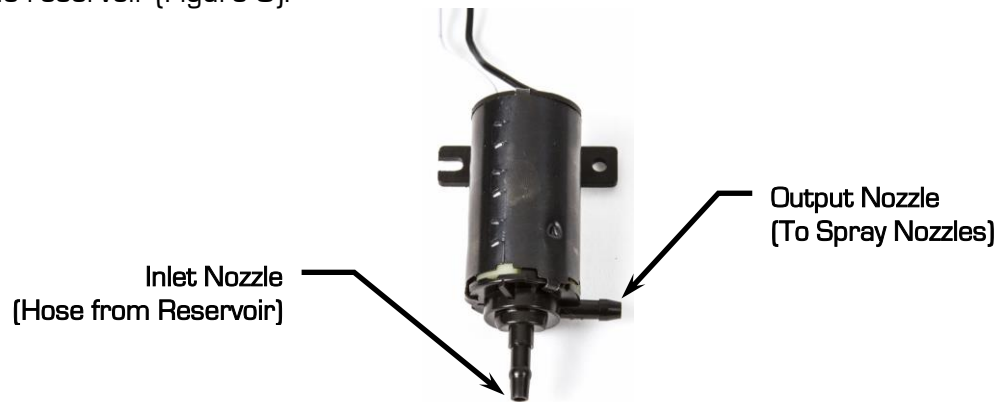


Figure 3 - Connect Hoses to Washer Pump

7. Connect the weather pack connector on the wiring harness to the weather pack connector on the washer pump [Figure 4].



Figure 4 - Connect the Weather pack Connectors

8. Connect the negative battery lead and fill the reservoir with proper windshield washer fluid.
9. To prime the pump, press the DSE wiper switch on the dash until fluid appears. **NOTE:** Never operate the pump for more than five seconds at a time and allow 20 to 30 seconds between usages to prevent from overheating the washer pump.

### Troubleshooting:

If the washer pump does not work:

1. Check the connection for proper electrical contact.
2. Check the switch to see if it operates properly. The wiper knob should be free to push in towards the dash to activate the washer pump.

If the pump operates but no fluid flow:

1. Check the fluid level in the reservoir.
2. If there is a filter in the reservoir, check to make sure it is clean.
3. Check to make sure that the electrical connectors are not reversed.
4. Check to make sure the spray nozzles and hose is clean and clear of any debris.
5. Check to make sure that the spray nozzles or hose is not kinked.

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

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