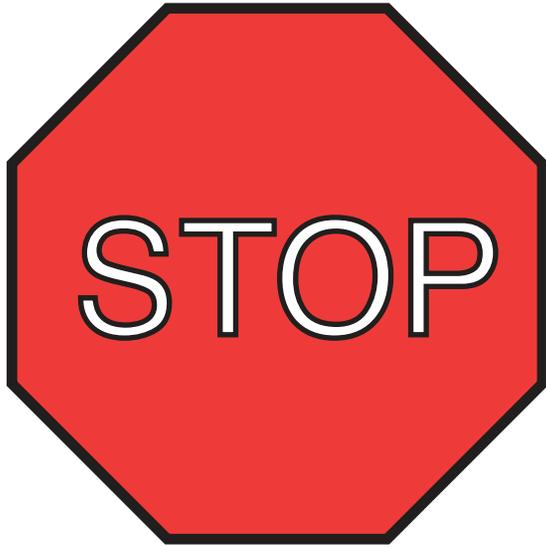


Wiper Momentary Module Wiring Kit



WARNING: This module is intended to be used with “Coast to Park” wiper motors. These motors are activated by a single or two speed wiper switch that supplies power to the motor. These motors will always finish a wiper cycle before coming to rest once power is removed.

This module will **NOT** work with ground triggered wiper motors. Most OEM wiper motors are activated by a wiper switch that is ground triggered for low and high speed. These motors do not have intermittent interval settings.

Please read this sheet thoroughly and be sure that you understand everything explained on it prior to opening any of the enclosed packages, or before attempting to install any of the components. Once this kit has been opened or any component has been installed, the kit is not returnable.



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PART #

510187

DESCRIPTION:

Wiper Momentary Module

Momentary Switching Module Installation Instructions

A. Installing the module with a single speed or two speed switch

1. Connect the thin light blue wire from the module to the wiper switch ON or LOW speed terminal.
2. Connect the thin dark blue wire from the module to the wiper switch HIGH speed terminal.
3. Connect the thin gray wire from the module to a momentary ground wire from a momentary switch as shown in the diagram.
4. Connect the thin black ground wire from the module to a good chassis ground.
5. Connect the heavy light green wire from the Speed Control Relay to the wiper motor HIGH speed terminal.
6. Connect the heavy tan wire from the Speed Control Relay to the wiper motor LOW speed terminal.
7. Make sure that the fused wiper power lead wire to the wiper switch power terminal is connected according to the manufacturers instructions.
8. Connect the heavy red wire from the Park Control Relay to the wiper power lead wire from the fuse panel.
9. Connect the heavy brown wire from the Park Control Relay to the wiper motor park terminal according to the manufacturers instructions.

B. Operating a two speed wiper motor with a single speed or two speed switch

1. The single speed switch will operate the ON terminal only as per the switch design.
2. With a two speed switch, both low and high speed motor operation is possible with the switch.
3. To operate the momentary functions the following procedure must be followed:
 - a. The wiper switch must be turned on to the ON or LOW speed position.
 - b. Operation of the momentary button will switch between low speed and high speed motor control.
 - c. When the switch is turned off, the "PARK" circuit is activated to reset the wiper arms to the park position and the default speed to the LOW speed.
 - d. When the switch is turned off, pressing and holding the momentary switch will activate the low wiper speed for as long as the momentary switch is depressed. When the momentary switch is released, the module resets power to the PARK circuit to park the wiper arms.

C. Specific circuit descriptions of the momentary module

The module has 6 circuits as defined below.

<u>wire color</u>	<u>function</u>
red	12 volt battery power to the module
black	Ground wire for the module
light blue	Low speed power signal. When this lead wire has a 12 volt signal, the module activates the Park Control relay and passes power to the Speed Control relay which alternately switches the Speed Control relay to power the low or high speed wiper motor power wire with each momentary grounding of the gray module circuit switching signal wire.
dark blue	High speed power signal. When this lead wire has a 12 volt signal, the module activates the Park Control relay and the Speed Control relays to power the high speed wiper motor power wire only.

When the switch is off (no 12 volt signal on either the light blue or dark blue wires), pressing and holding the momentary switch will activate the Park Control Relay and pass power to the low speed wiper power wire for as long as the momentary switch is depressed. When the momentary switch is released, the module resets the Park Control Relay and passes power to the PARK circuit to park the wiper arms.

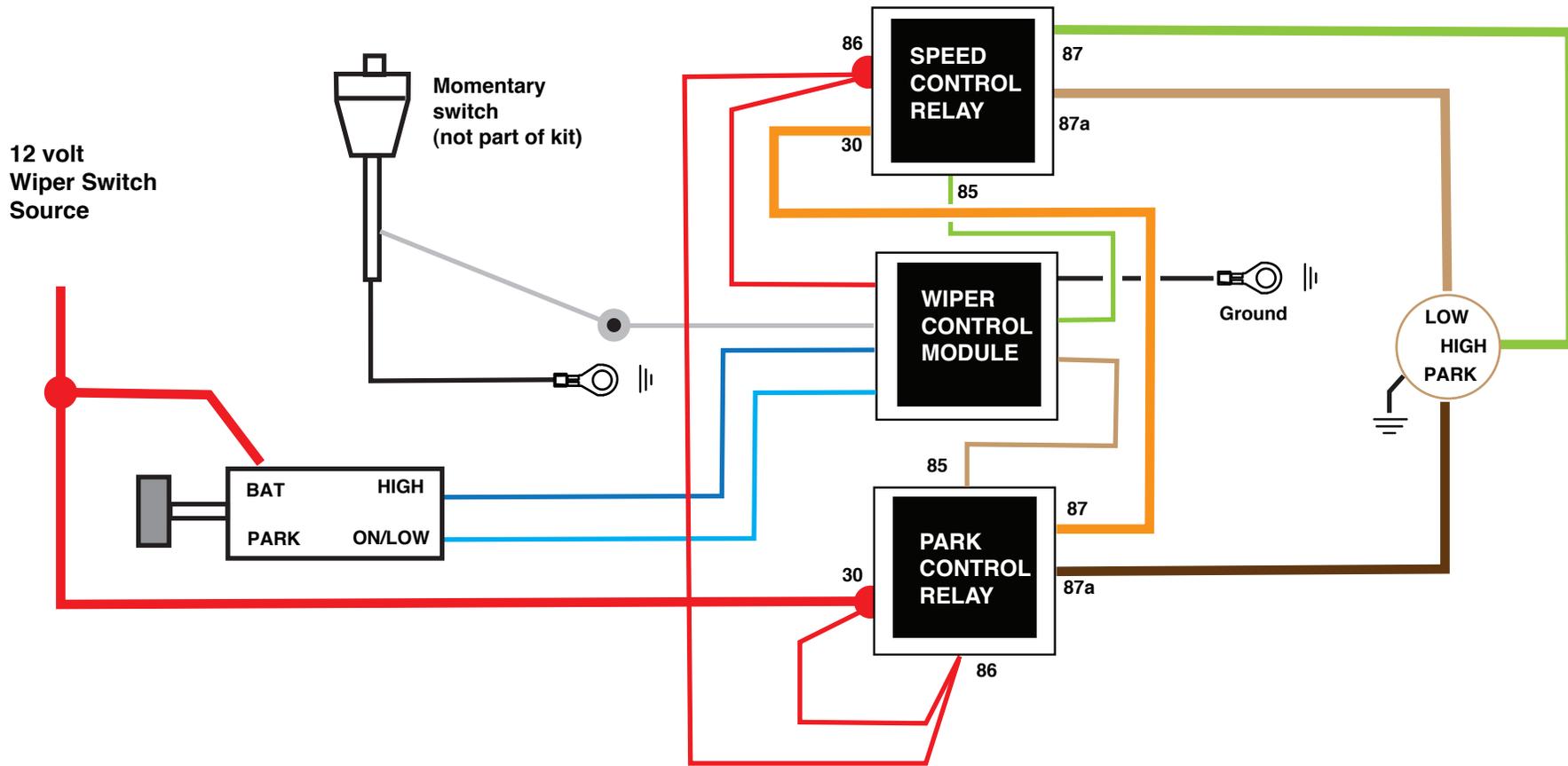
gray	Module circuit switching signal wire
light green	Speed Control Relay coil ground
tan	Park control Relay coil ground



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DIAGRAM 1



Important product disclaimer

The module and the circuits in this kit are designed for the specific application described in this kit.

Any other use of this momentary module is not supported by American Autowire.

Technical support for applications other than those described in this kit is not available by American Autowire.



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