
CAE PERFORMANCE PRODUCTS PTY/LTD

Pyrenees Hwy Chewton, VIC. 3450
Telephone : (03) 5472 1442 - Fax (03) 5472 4111

Fitting Instructions

57 Buick 2 Speed Wiper Motor

WIPER KIT COMPONENT LIST

Wiper Motor and Mounting Bracket assembly
Motor Link
Sample LH and RH Arms and Reworked Pivot Post Assemblies
Wiring Loom with Switch and In-line Fuse.
Customers Instructions.

Note: -- Arms supplied will not fit your vehicle but will give you a base to use for your vehicles position of the Post centres, use these to bend, shape, cut and weld as required.

- 1 Remove original motor assembly, cables and wiper arm Pivot assemblies.
- 2 Fit 2 Speed motor mounts on firewall utilizing the two original mounting holes. Remove the supplied arms for ease of installation, by undoing the 13mm nut on the wiper shaft. The wiper motor park position on the screen is also adjusted by fitting the crank on to the wiper shaft. The motor is currently stopped at the extreme end of the Arms travel for ease of adjusting arm (rods) length.
- 3 Refit new style modified Posts using the original internal mounting brace and bolts. Unclip the E Clip and press the rod Hiem Joint on to each Post Pin and washer. Re fit E Clip.
- 4 Fit 2-speed switch in appropriate hole and install wiring loom supplied. For the Rotary type switch, --- connect the Red wire through the Fuse supplied to a positive ignition supply. Connect the Brown wire to a suitable earth.
Activate the Wiper Motor prior to connecting the wiper motor linkage and turn off. This will bring the motor to the correct self-park position and you will be able to check for rotation clearances.

Note: Do not connect the Red wire permanently just yet as it is advisable to simply touch the power source on and off to watch the rotation clearance carefully, the switch needs to be in the "on" position to do this. (It is also easier if you connect one arm at a time to check the rotational clearances.)

CAE PERFORMANCE PRODUCTS PTY/LTD

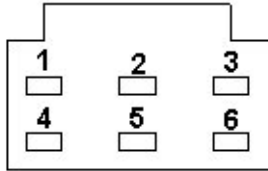
Pyrenees Hwy Chewton, VIC. 3450
Telephone : (03) 5472 1442 - Fax (03) 5472 4111

- 5 By touching the red wire to the power supply bring the motor link around until it is completely at the 9 or 3 o'clock position, (pointing directly at either side of vehicle. Now make up your own RH Side arm and connect to the right hand pivot post adjusting the length of the arm to ensure the pivot is at its longest travel position. Rotate the wiper motor spasmodically to ensure the arm or pivot linkage does not interfere with any other under dash component. Make sure the arm is driving the pivot link freely in the 360 degree sweep and will not go over centre at either end of the sweep. **If any interference occurs it will be necessary to reshape or bend the Arms to suit your application, and then readjust the length accordingly. If interference is a problem it is sometimes easier to make a dummy arm out of thick wire to give you the shape you require and use as a pattern for the permanent arm.**
Once happy with the right hand side, make up your own LH Side Arm and fit to its L H Pivot post and repeat the rotational clearance checks as for the R.H.Side.Once, both arms are working freely connect the red wire permanently and turn off the switch and the wiper will self park. By looking at the Knurls on the outside you will be able to see if this self park position is correct for your windscreen blades.
- 6 To adjust the self park position, simply undo the 13mm Nut on the wiper shaft free up the serrated taper on the crank and simply rotate by hand, the crank on the wiper shaft to the correct position that you require on your windscreen. Retighten the shaft nut
- 7 Fit wiper blades. Activate motor and check windscreen sweep and correct self-parking alignment if necessary.

CAE PERFORMANCE PRODUCTS PTY/LTD

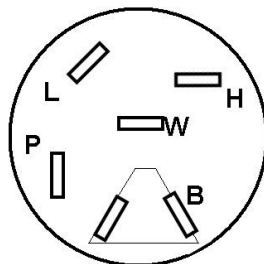
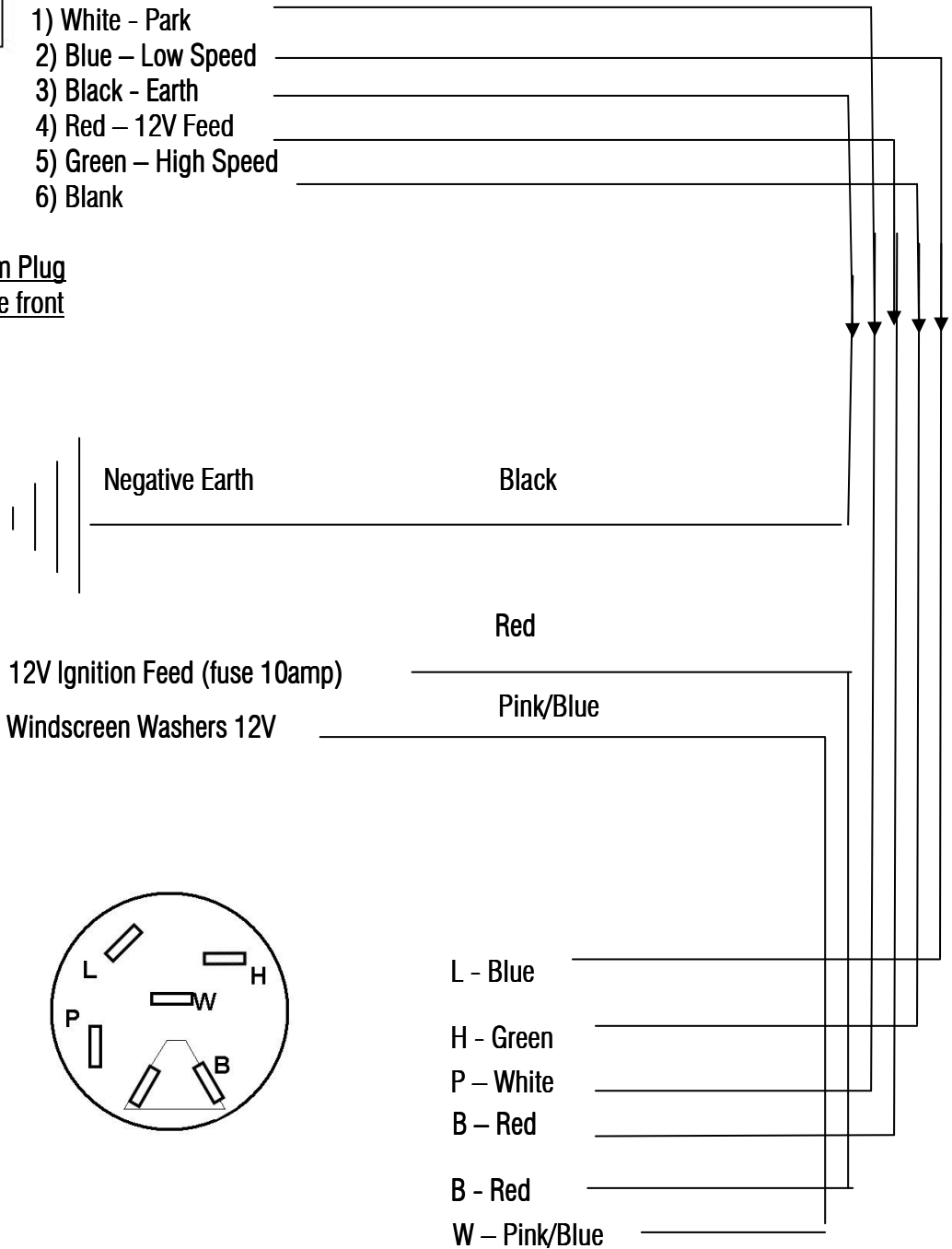
Pyrenees Hwy Chewton, VIC. 3450
Telephone : (03) 5472 1442 - Fax (03) 5472 4111

WIPER MOTOR LOOM PINOUTS



- 1) White - Park
- 2) Blue - Low Speed
- 3) Black - Earth
- 4) Red - 12V Feed
- 5) Green - High Speed
- 6) Blank

6 Pin Female Loom Plug
As Viewed from the front



Wiper switch system is 12V Positive Feed