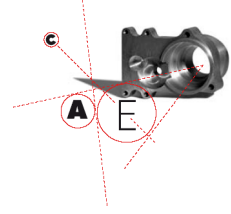


**CAE PERFORMANCE PRODUCTS**

A.B.N. 37 340 926 183

**7 MAIN ROAD, CASTLEMAINE, VIC.3450.****T (03) 54721442****E [info@caenterprises.com.au](mailto:info@caenterprises.com.au)****W [www.caenterprises.com.au](http://www.caenterprises.com.au)****WM-FORD FAIRLANE****WIPER KIT COMPONENT LIST**

Wiper Motor and Mounting Bracket Assembly

Motor Link, Copper washers and E Clip.

Wiring Loom, Switch and In Line Fuse.

RH arm bush (Loose)

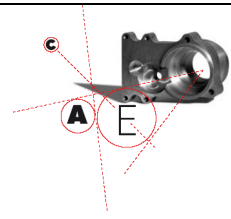
Customer Instructions

**Fitting Instructions****59 Tank Fairlane & Ranchwagon**

CAE Performance Products recommends that this product must be fitted by qualified person.

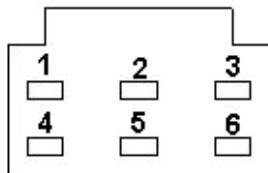
- 1 Remove original motor assembly.
- 2 Remove the crank and mounting plate from the new wiper motor. Fit new mounting plate on firewall utilizing the two original mounting holes. Make sure it is fitting flush with the firewall. Use (2) 6mm cap screws or screws supplied to mount this plate. Use this mounting plate as a template to drill the (3) 5.5mm dia holes ready to mount the wiper motor. Using the (3) screws that attached the wiper motor, and from inside the vehicle screw the wiper motor to the firewall mounting plate, You will need a second person to hold the wiper motor while you screw it into place.
- 3 Refit the crank from inside vehicle. The s shaped part of the crank fit on to the wiper shaft at about the 3 O'clock position looking from the passenger seat. Both Crank Arms need to be drilled out at the wiper motor crank end of each arm. Drill the LH arm to 9mm to suit the (2) Grommets on the original arms. Fit LH Arm to Wiper Crank square shaft axle with the two copper washers either side of the arm. It may be necessary to bend the original arm slightly to give better parallel rotation clearance. Remove the drivers pivot arm assemble, remove its nylon bushing and replace it with the new brass bush in the kit – fitting the largest diameter closest to the E-Clip. Use 5/16 shims to remove any side movement from this arm. Bend the arm slightly to form a shallow "s" so the arm will rotate parallel to the crank. (This arm rotates on the long straight link on the crank assembly. It is advisable to bend this arm approx 3" back from the bush at about 10 degrees to allow the rotation to run parallel in the crank. It is best to get the LHS wiper working first then proceed with the RHS arm
- 4 Fit 2 speed switch in appropriate hole and install wiring loom supplied.  
**WARNING:** When this Motor is connected to permanent power the motor will not stop until it reaches Park position. This can cause serious injuries to fingers and hands, and possible damage to the Motor and linkages.
- 5 Connect Black feed wire through Fuse supplied to suitable Ignition Feed Wire on Ignition Switch of vehicle. Don't connect permanently but use this Black wire to touch the power supply with the switch on so you can rotate the wiper links slow jerking motion to see if the arms are clearing everything. If clearance problems exists, remove the RH Arm and fix the left hand side first then replace the RH Side and adjust it accordingly.
- 6 Connect Brown wire to suitable earth location on the vehicle
- 7 Once you are happy with the rotation of each arm, tighten the Red wire securely and activate power and check wiper for under dash clearance at both speeds. Eg. Speaker wires, wiring, demister ducts, brake/clutch pedal assembly, bracing.
- 8 Self park motor with switch and then connect the Wiper Link Assy to the Wiper Shaft with the Wiper Blades in the Park position on the windscreen. (The Motor is all ready at the Park position). Activate motor and check windscreen sweep and correct self-parking alignment. If the Park position requires adjustment do this by removing the nut on the wiper motor shaft and hand rotate the crank on this shaft until the correct position of park is achieved. Tighten the nut. Start wiper and check for rotation clearances and new park position.

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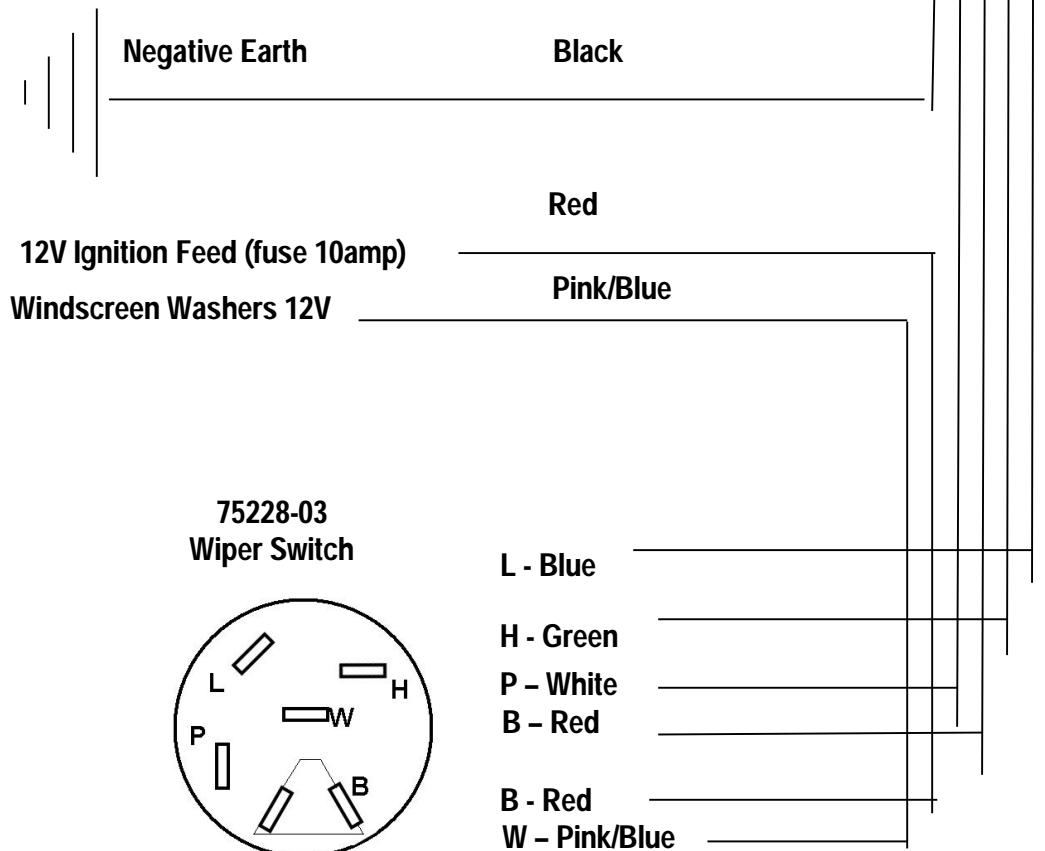
**WM-FORD FAIRLANE**

**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