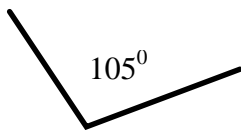


Wipers

by Des Edwards

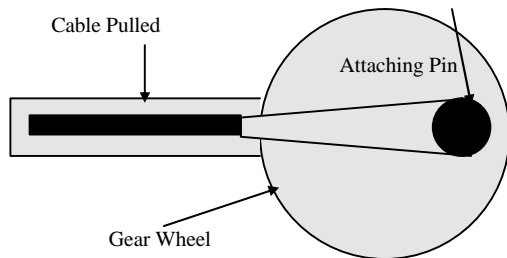
For those about to tackle the joyous task of mounting wipers on Westfields - a few tips.

The original mounting positions as shown on the filler piece ahead of the windscreen are for parking the wipers in a position on the drivers side. This can lead to a blind spot where wiper blades do not cover the upper/outer corner of the windscreen on the drivers side. This problem is exacerbated when a taller windscreen is used. The area of sweep of the wipers blades can be determined by bending a piece of wire to 105° . The exact sweep of your wipers is marked on the wheel inside the wiper motor. (Mini is normally 105° and Marina is normally 96° . (105° is ideal)



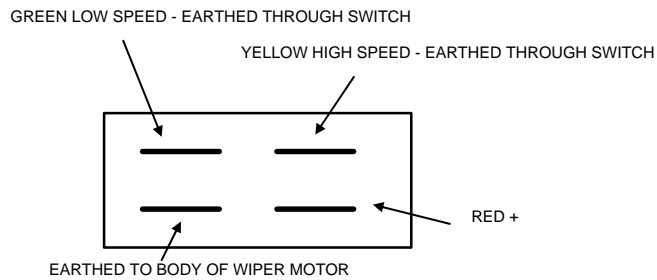
Position the corner of the wire where the arm will pivot. and check the sweep. If wipers are to be parked on the passenger side this involves altering the arm mounting position approx. 75mm to 100mm closer to the drivers side.

Getting your wipers to park normally drives most Westfield owners quite mad but it is possible!! Bear in mind that the motor when parked has pulled the cable to the end of its travel.



So depending on which side you want the wipers to park depends on which way you mount the motor, drivers side or passengers side and which way you mount the wheel boxes (ie cable top or bottom)

Electrically its a bit tricky but basically it works like this.



Park position is achieved by removing earths to the motor when switched off but also when switched off it puts power through the low speed terminal to induce a short in the motor to stall it in the same position every time and simultaneously remove the earth by means of a contact plate with cu out sections and three contact arms.

Warning!!! - If wired incorrectly the motor will run backwards and generally destroy the three contact arms and melt the three motor contacts. If this all sounds too hard it probably is.