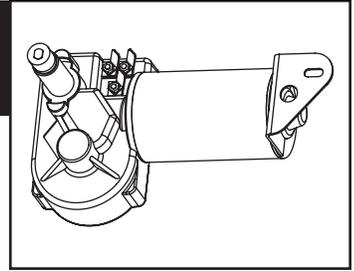




WWF Motor

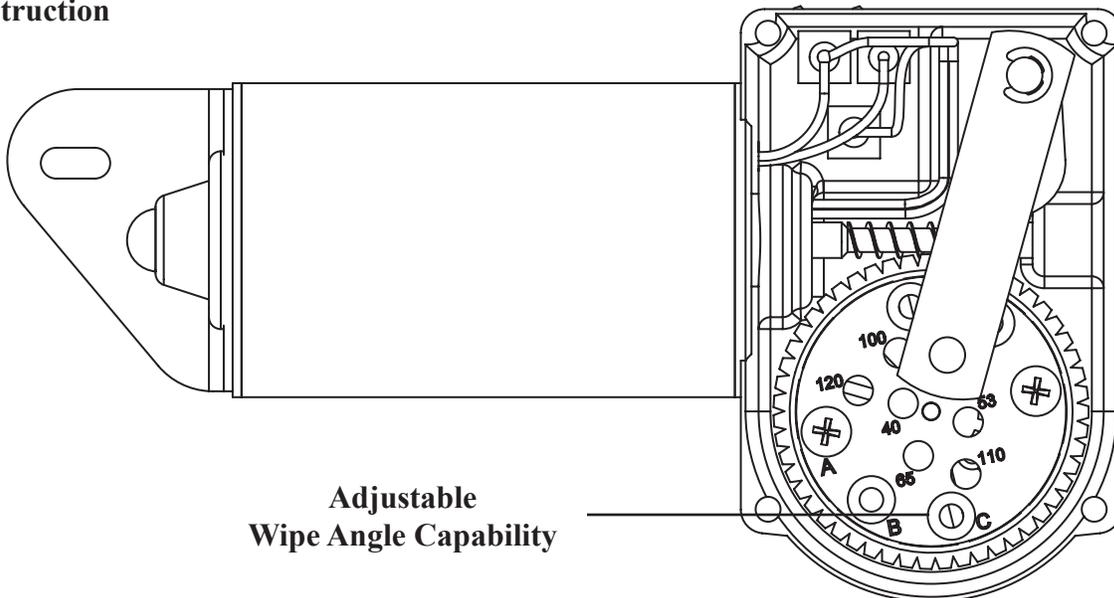
WWF Motor Systems



WWF Motor Description

The WWF wiper system provides a totally self-contained oscillating shaft requiring no external linkage. The universal popularity of the WWF motor is enhanced by the fact that it gives the automotive user marine quality at no extra cost and is, consequently, ideal for any type of service. Parts exposed to weather are corrosion resistant. An "O" ring between the oscillating shaft and its bearing stud prevents water from entering. A worm gear on the armature shaft turns a large molded drive gear.

Construction



The WWF motor is set for a default 110° wipe angle that can be adjusted at the time of installation to the angles shown. Quantity orders can be supplied set at 40°, 53°, 65°, 85°, 100° and 110°. Left or right hand park position is determined from view shown above and can be adjusted.

Applications

- Rear-window, motor homes
- Off-highway constructions Equipment
- Agricultural Equipment
- Marine

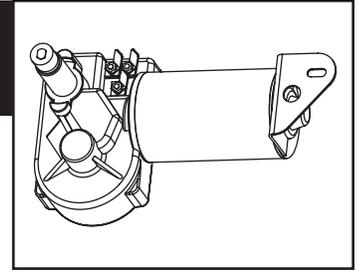
Features

- Left or Right hand park
- Easy to replace switch
- Optional two speed switch

WWF Part Numbers

Wexco Part Number	Voltage	Shaft Length
4R1.12.R110D	12	1"
4R1.24.R110D	24	1"
4R2.12.R110D	12	2"
4R2.24.R110D	24	2"
4R3.12.R110D	12	3"
4R3.24.R110D	24	3"

WWF Motor Systems



Specifications

Voltage: 12 or 24 Volts
 Weight: Approximately 3 lbs.
 Speed: 40/60 rpm \pm 10%
 12V Current Draw: 2/3 Amps low/high, no load
 12V Stall Current: 12 Amps
 Terminals: 1/4" Male Blade
 Hardware Kit: Wexco Part # 400300
 Park Direction: CW/CCW
 Shaft Length: 1", 2" and 3".

Acceptable WWF Motor Arm & Blade Combinations						
Wipe Angle	12"	14"	16"	18"	20"	Arm length
40°	13" - 20"	13" - 20"	13" - 20"	15" - 25"	14" - 23"	Blade Lengths
53°	13" - 20"	13" - 20"	13" - 20"	15" - 25"	14" - 23"	
65°	13" - 20"	13" - 20"	13" - 20"	15" - 25"	14" - 23"	
85°	13" - 20"	13" - 20"	13" - 20"	15" - 25"	14" - 23"	
100°	13" - 20"	13" - 20"	13" - 20"			
110°	13" - 20"	13" - 20"	13" - 20"			
120°	13" - 20"	13" - 20"	13" - 20"			

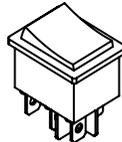
Included Switch Bracket

Switch Kits

WWF switch kits are available stand alone or in large enough quantities pre installed by Wexco.

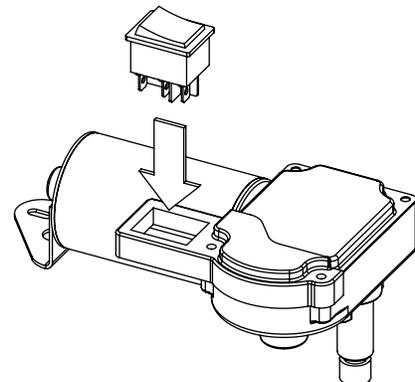
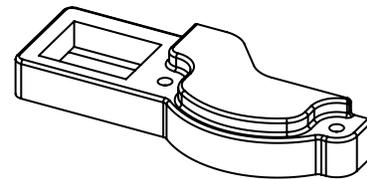
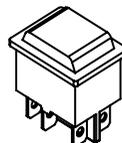
Two speed switch kit

Park/Low Speed/High Speed
Wexco Part # 200258

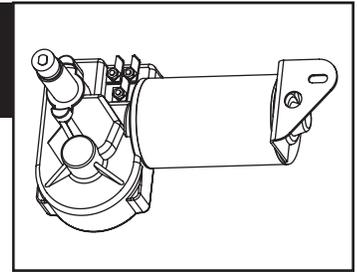


One speed switch kit

Park/Low Speed or High Speed
Wexco Part # 200257



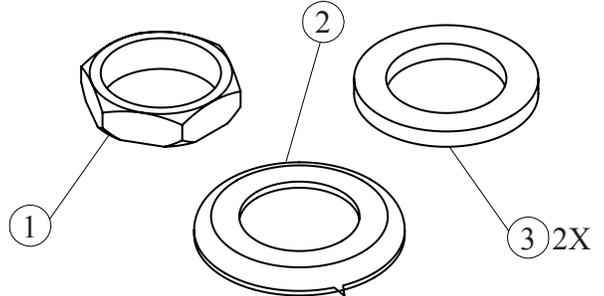
WWF Motor Systems



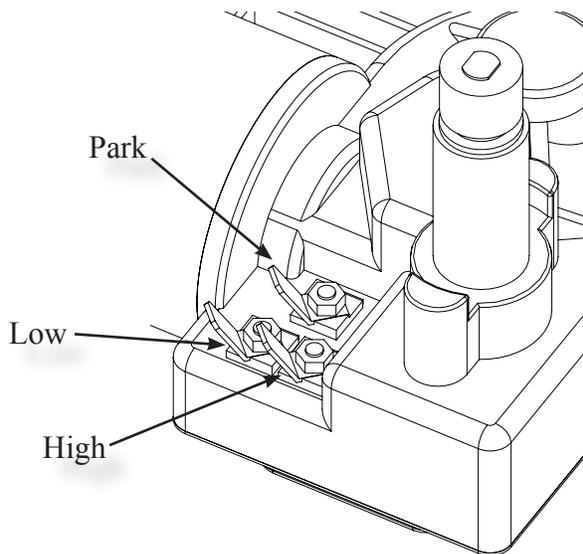
WWF Motor Hardware Kit

Wexco Part # 400300

400300 Parts Breakdown		
Location	Part Number	Description
1	400297	M16x1 Nut
2	400298	Spacer
3	400299	Rubber Washer (2 X)

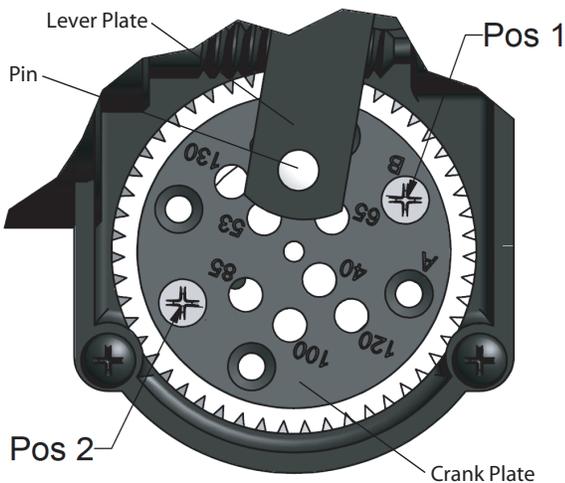


Wiring Diagram



- Wire motor using a coast to park switch, or use the Wexco supplied WWF motor switch kits.
- Must be grounded through vehicle chassis.
- 12V motor Requires 12 Amp external fuse
24V motor Requires 6 Amp external fuse

Wipe angle Adjustments



Angle/Park Hole		Pos.
40/R	C	2
40/L	C	1
53/R	C	1
53/L	C	2
65/R	A	1
65/L	A	2
85/R	A	2
85/L	A	1
100/R	B	2
100/L	B	1
110/R	B	1
110/L	B	2

The WWF motor wipe angle can be adjusted by removing the gear box cover and moving the lever plate pin to the correctly labeled hole. Left or right hand park can be achieved by changing the orientation of the gear plate with regard to pos 1 and pos 2, shown in the diagram.