

PREVOST

Instruction Sheet

IS-00151A

BOSCH WIPER MOTOR INSTALLATION GUIDE

Revision A :

KIT #300506 WAS ADDED TO ORDER PARTS

MATERIAL

Kit #300506 includes the following parts :

Part No.	Description	Qty
800328	Bosch wiper motor (replace 800304)	1
5001217	Screw, cap HEX ZP M8x20	3
502507	Washer, split lock CJ 8.1x14.8x2	3
500985	Washer, flat 5/16 ID x 7/8 OD x 0.125 (upper wiper motor only)	3
IS-00151	Instruction Sheet	1
FI-00151	Feuille d'instructions	1

PROCEDURE

Warning : Park vehicle safely, apply parking brake, stop engine and set battery master switch(es) to the OFF position prior to working on the vehicle.

LOWER WIPER MOTOR, H3 AND XL SERIES VEHICLES

1. Remove the dashboard right hand access panel.
2. Unplug the electrical connector from the motor.
3. Unscrew and remove the 3 cap screws holding the motor in place.
4. Loosen the screw holding the crank arm to the motor shaft and remove the motor.
5. Using a grindstone mounted on a drill, enlarge the opening for the fitting of the motor hub approximately 2mm.
6. Using screws #5001217 and washers #502507, install the new motor. Washers #500985 only required for upper wiper motor installation.

Warning : Wiper mechanism can cause severe injuries. Before plugging the connector to the motor, make sure the power supply is off.

7. Plug the electrical connector to the motor.
8. Set the battery master switch to the ON position.
9. Momentarily turn on the wipers to allow the motor to find its park position.
10. Set the battery master switch to the OFF position or unplug the electrical connector from the motor.

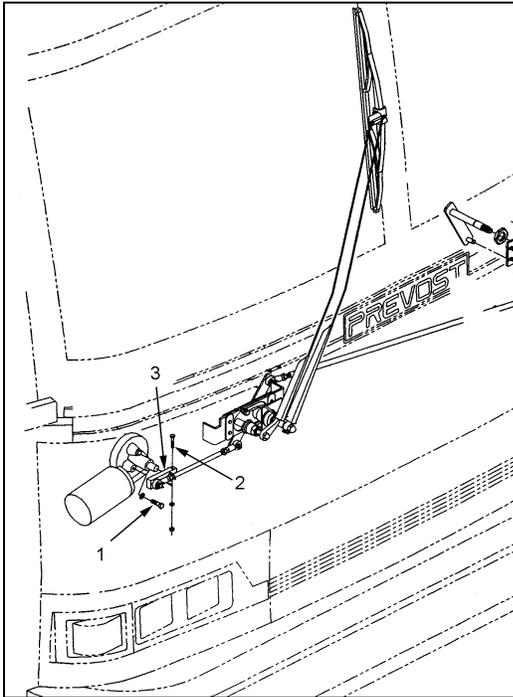


FIGURE 1 : (1) MOTOR CAP SCREW #5001217, (2) CRANK ARM SCREW, (3) CRANK ARM

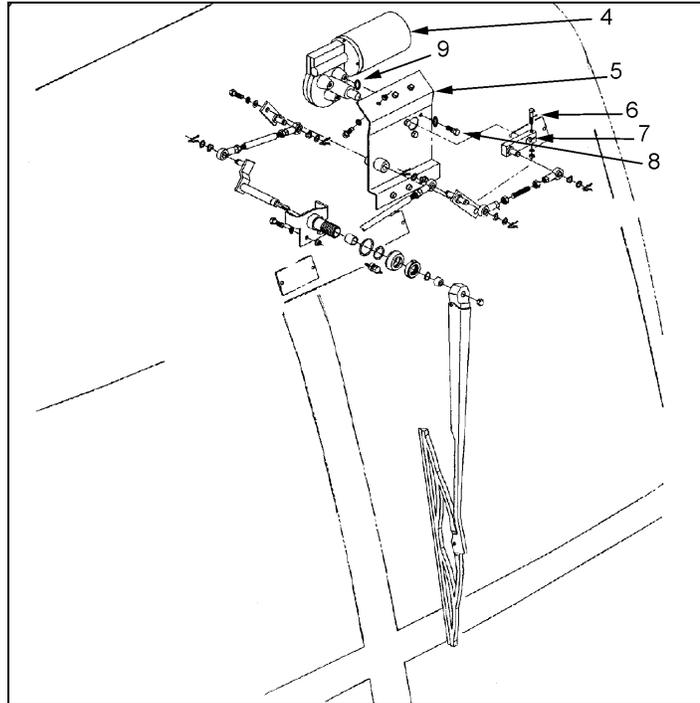


FIGURE 2 : (4) MOTOR, (5) SUPPORT, (6) CRANK ARM SCREW, (7) CRANK ARM, (8) MOTOR CAP SCREW #5001217, (9) WASHER #500985

11. Reinstall the crank arm on the motor shaft so that the crank arm and the lever axes are aligned. The extremity of crank arm opposite to motor shaft must be at maximum distance on the right (figure 3). Tighten the screw holding the crank arm to the motor shaft.
12. Plug the electrical connector to the motor.
13. Reinstall dashboard right panel.

UPPER WIPER MOTOR, H3 SERIES VEHICLES

1. For vehicles from W2285, upper wiper motor is accessible from the driver's overhead light panel. For the vehicles previous to W2285, remove the left sunshade support and the upper left trim panel.
2. Unplug the electrical connector from the motor.
3. Dismount the motor support (figure 2).
4. Loosen the screw holding the crank arm on the motor shaft.
5. Unscrew and remove the 3 cap screws holding the motor in place and remove the motor (figure 2).

6. Using a grindstone mounted on a drill, enlarge the opening for the fitting of the motor hub approximately 2mm.
7. Using screws #5001217 and washers #502507, install the new motor on the support. Use washers #500985 on the motor side.

Warning : Wiper mechanism can cause severe injuries. Before plugging the connector to the motor, make sure the power supply is off.

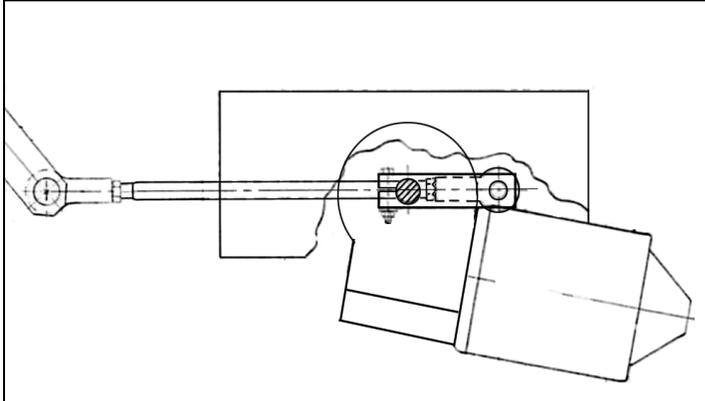


FIGURE 3 : CRANK ARM AND ROD POSITION

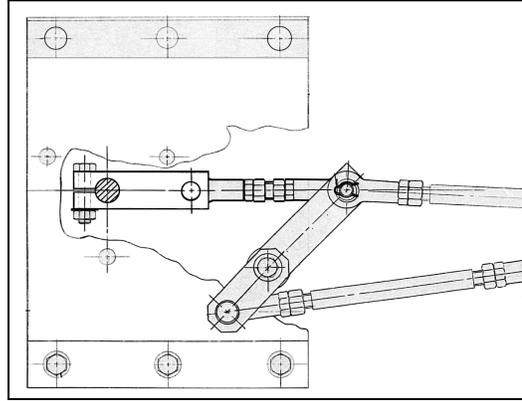


FIGURE 4 : CRANK ARM AND ROD POSITION

8. Plug the electrical connector to the motor.
9. Set the battery master switch to the ON position.
10. Momentarily turn on the wipers to allow the motor to find its park position.
11. Set the battery master switch to the OFF position or unplug the electrical connector from the motor.
12. Reinstall the crank arm on the motor shaft so that the crank arm and the lever axis are aligned. The extremity of crank arm opposite to motor shaft must be at maximum distance on the right (figure 4). Tighten the screw holding the crank arm to the motor shaft.
13. Reinstall the motor support.
14. Plug the electrical connector to the motor.
15. Reinstall upper left trim panel, left sunshade or driver's overhead light panel.