

# **Component Procedures: Wiper Motor**

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# Component Procedures: Wiper Motor

## Parts and Labor (itype\_189)

### Parts

Qualifier	Part #	Name	Price	Note
Wiper Motor	92212322	Wiper Motor	0.00	

### Labor

Operation	Qualifier Path	Skill	Std Hrs	Wty Hrs
Remove & Replace	Wipers > Wiper Motor, R&R	B	0.8	0.4

## Windshield Wiper Motor Replacement (Article 10521)

### Callout Component Name

Preliminary Procedures Remove the windshield wiper transmission assembly. Refer to Windshield Wiper Transmission Replacement . Remove the crank arm nut then arm.

### Preliminary Procedures

- Remove the windshield wiper transmission assembly. Refer to Windshield Wiper Transmission Replacement .
- Remove the crank arm nut then arm.

1 Wiper Motor Crank Arm Nut Caution: Refer to Fastener Caution . Tighten 32 Nm (24 lb ft)

32 Nm (24 lb ft)

2 Wiper Motor Crank Arm Procedure Using a J-39232 - separator or equivalent, disconnect the wiper linkage ball sockets (a) from the wiper transmission linkage (b) when removing. Using a J-39529 - installer or equivalent, connect the wiper linkage ball sockets (a) to the wipers transmission linkage (b) when reinstalling. When aligning the transmission, ensure both the drive arm (a) and the driven arm (b) are in alignment with each other as shown prior to installing the wiper module into the plenum. Special Tools J-39232 - Wiper Linkage Separator J-39529 - Wiper Linkage Installer For equivalent regional tools, refer to Special Tools .

### Procedure

- Using a J-39232 - separator or equivalent, disconnect the wiper linkage ball sockets (a) from the wiper transmission linkage (b) when removing.
- Using a J-39529 - installer or equivalent, connect the wiper linkage ball sockets (a) to the wipers transmission linkage (b) when reinstalling.
- When aligning the transmission, ensure both the drive arm (a) and the driven arm (b) are in alignment with each other as shown prior to installing the wiper module into the plenum.

### Special Tools

- J-39232 - Wiper Linkage Separator
- J-39529 - Wiper Linkage Installer

3 Windshield Wiper Motor Bolt (Qty: 3) Tighten 5.5 Nm (49 lb in)

5.5 Nm (49 lb in)

4 Windshield Wiper Motor Tip: The new wiper motor will come pre-timed from the factory. Do not electrically charge the new motor unless the old motor is being re-installed.

5 Windshield Wiper Transmission Assembly