

Windshield Wiper System



Table of Contents

Sub-Headings

Safety	2
Warnings	2
Cautions	2
Notes	2
Introduction	2
Description of Operation	2
Windshield Wiper System	2
Removal of Wiper Arm	4
Windshield Wiper Installation	4

List of Figures

Figure 1—Front Access Door	2
Figure 2—Windshield Wiper Reservoir Location	3
Figure 3—Electrical Sensor	3
Figure 4—Wiper Parlgm	3
Figure 5—Screw Behind Parlgm	4
Figure 6—Windshield Wiper Blade Assembly Bracket	5
Figure 7—Blade Arm Adjustment	5

Windshield Wiper System

Safety

The purpose of this safety summary is twofold. First, it is to help ensure the safety and health of individuals performing service and maintenance on, or operation of, this Blue Bird product. Second, it is to help ensure protection of equipment. Before performing any service, maintenance or operating procedure on this product, individuals should read and adhere to the applicable warnings, cautions and notes located throughout this Blue Bird Service Manual.

Warnings

Warnings apply to a procedure or practice that, if not correctly adhered to, could result in injury or death. Particular attention should be paid to sections of this manual where warnings appear.

Cautions

Cautions apply to a procedure or practice that, if not correctly adhered to, could result in damage to or destruction of equipment.

Notes

Notes are used to explain, clarify, or otherwise give additional insight for a given subject, product or procedure. Please note that on occasion, notes too may advise of personal safety issues.

Introduction

Information in the section applies to the All American Windshield Wiper Reservoir and Mechanical Parts of the Wiper System.

Description of Operation

The windshield wipers are wet arms with washing nozzle.

1. See Figure 1—Front Access Door
2. See Figure 2—Windshield Wiper Reservoir Location
3. See Figure 3—Electrical Sensor
4. See Figure 4—Wiper Parlgm
5. See Figure 5—Screw Behind Parlgm
6. See Figure 6—Windshield Wiper Blade Assembly Bracket Location
7. See Figure 7—Blade Arm Alignment

Windshield Wiper System

1. Open front access door. **Figure 1—Front Access Door.**

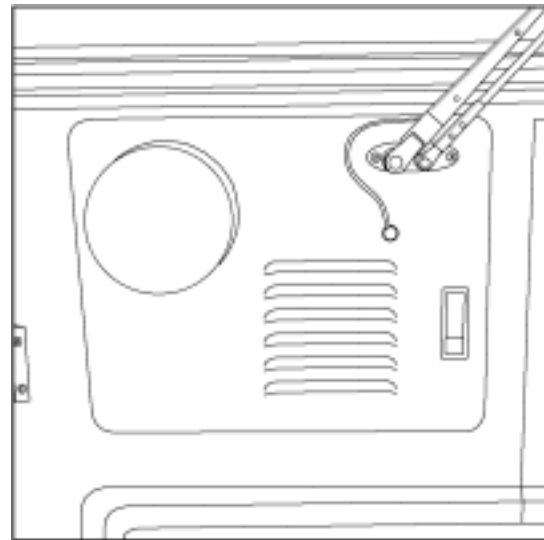


Figure 1—Front Access Door

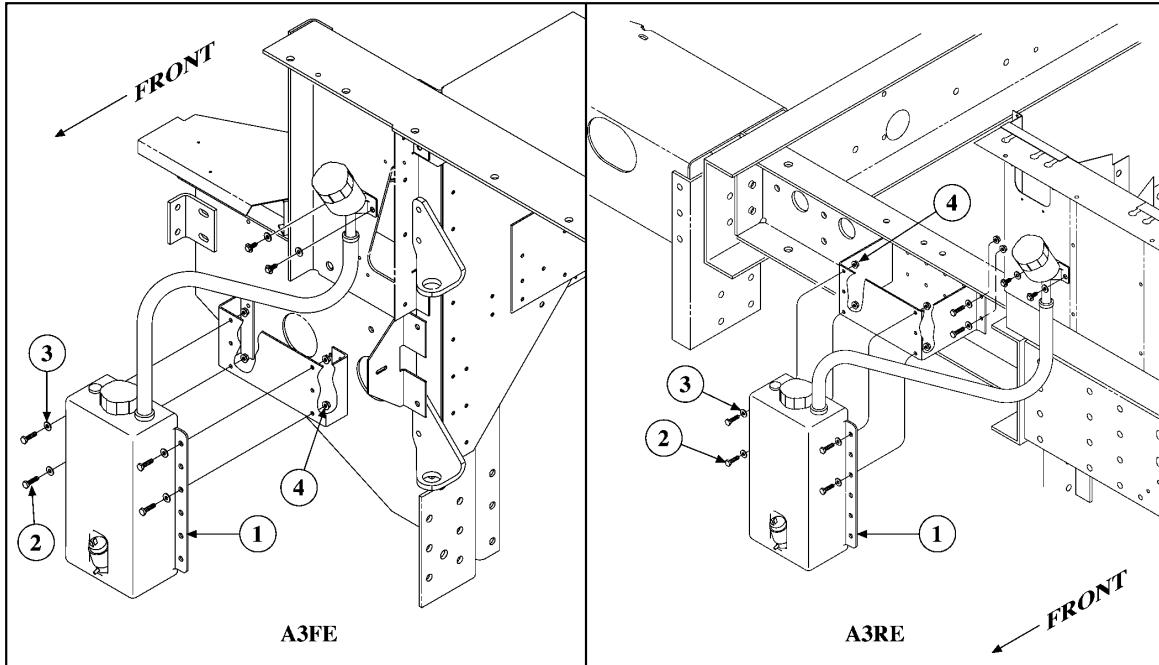


Figure 2—Windshield Wiper Reservoir Location

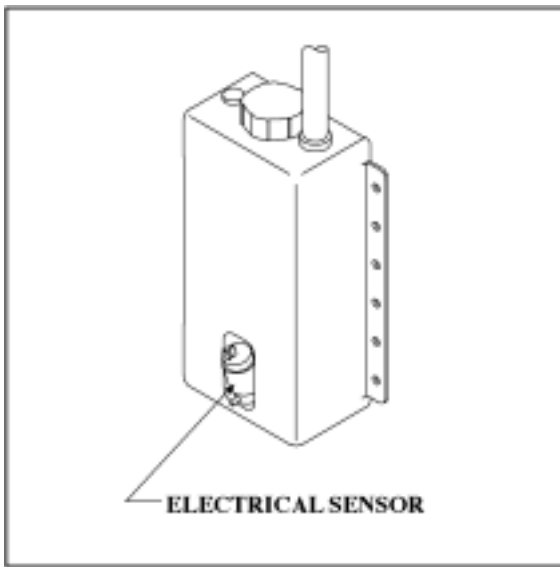


Figure 3—Electrical Sensor

2. Remove plastic hose from reservoir (1). **Figure 2—Windshield Wiper Reservoir Location.**
3. Disconnect the sensor from the reservoir. **Figure 3—Electrical Sensor.**

4. Remove the reservoir (1).
5. Remove electrical clamp.
6. Disconnect electrical wiper motor.
7. Remove two screws from the parlgm. **Figure 4—Wiper Parlgm.**
8. Remove and discard gasket.
9. Remove a screw from motor bracket. **Figure 5—Screw Behind Parlgm.**
10. Remove electric motor.

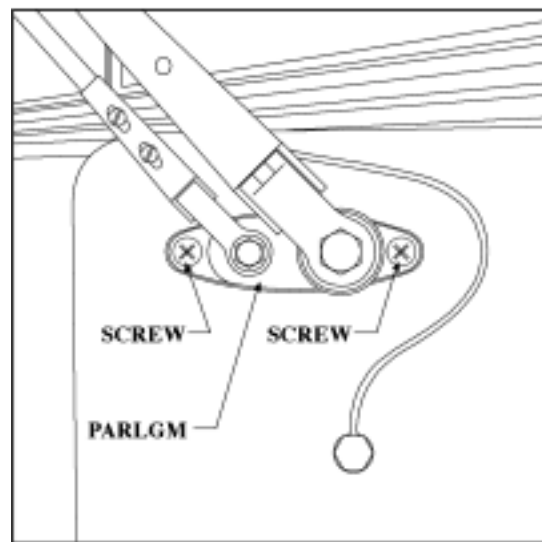


Figure 4—Wiper Parlgm

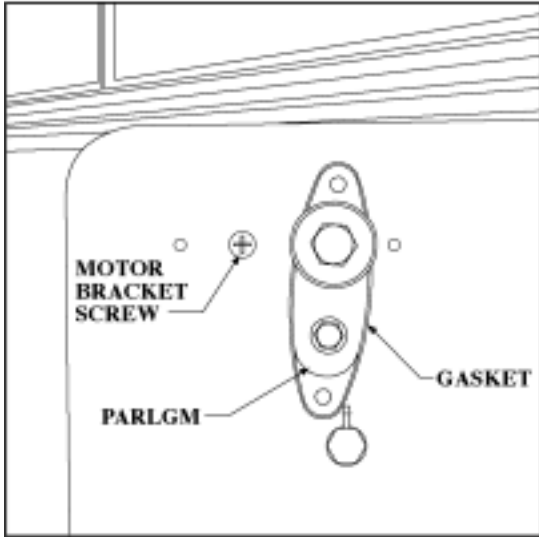


Figure 5—Screw Behind Parlgm

Windshield Wiper Installation

1. Install reservoir (1) using capscrew (2), washer (3) and nut (4) to mount bracket. **Figure 2—Reservoir Mounting Bracket Location.**
2. Connect plastic hoses to filler neck.
3. Connect plastic hose to reservoir (1).
4. Connect sensor to reservoir (1). **Figure 3—Electrical Sensor.**
5. Install a screw to the motor bracket. **Figure 5—Screw Behind Parlgm.**
6. Install gasket.
7. Install two screws to the parlgm. **Figure 4—Wiper Parlgm.**
8. Connect electric motor.
9. Fill reservoir with recommended mixture.
10. Turn wiper system on and inspect for leaks.
11. Close and latch front door.

Wiper Arm Mechanism

Removal of Wiper Arm

1. Remove large nut and lock washer.
2. Remove small nut and flat washer.
3. Remove bolt from bracket assembly on the wiper arm. **Figure 6—Windshield Wiper Blade Assembly Bracket.**
4. Replace wiper blade.

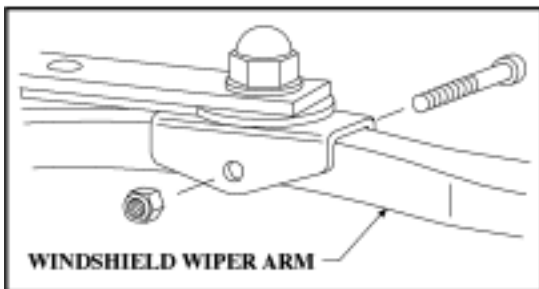


Figure 6—Windshield Wiper Blade Assembly Bracket

Note

Mount wiper arms on wiper pivots so that wiper blade is approximately 9 inches from center of windshields for the passenger side and 8 inches on the driver's side. The wiper blade arms must be parallel to the centerline of windshield.

5. Adjust wiper blade for correct alignment. **Figure 7—Blade Arm Alignment.**
6. Inspect tubing and wet arm windshield washers for leaks.
7. Start wipers and washer to ensure proper cycling.

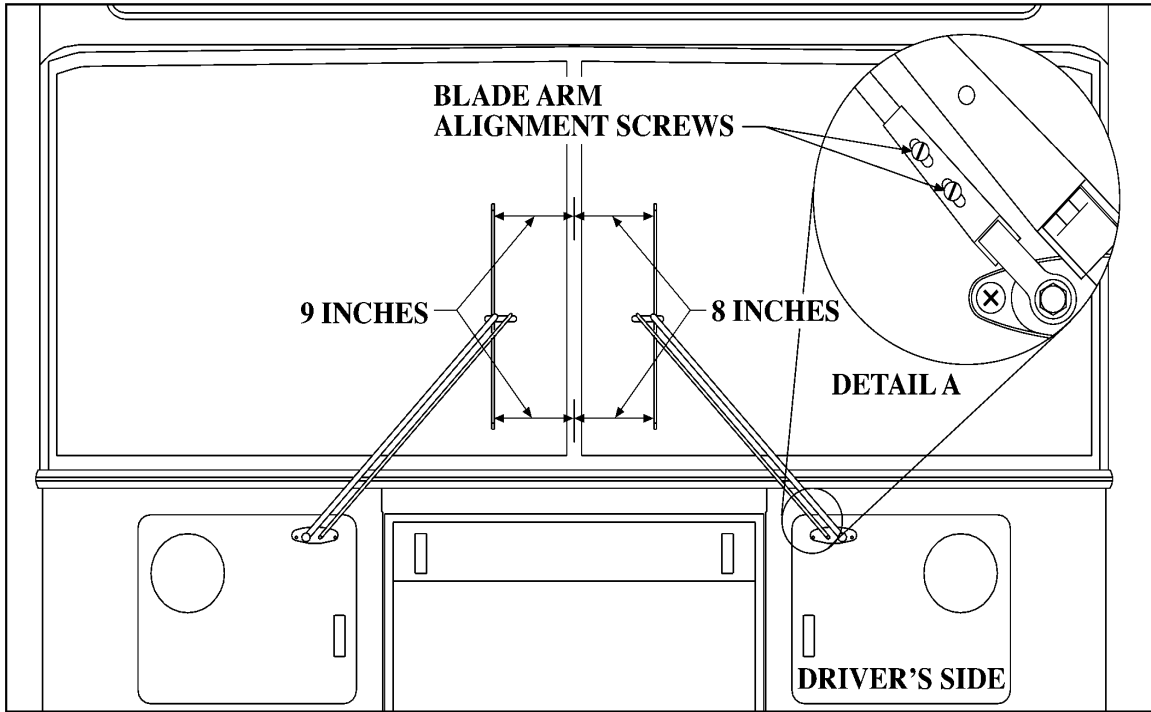


Figure 7—Blade Arm Alignment

[Back to Top](#)