

# Mirrors



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# Mirrors

## 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 the 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 potential safety issues.

## Introduction

Drivers are to adjust mirrors properly for safe driving. The driver must be aware of the limitations on viewing areas. Standard equipment on all Blue Bird All American buses is four outside rearview driving mirrors (2 per side) and 2 elliptical cross view mirrors (1 per side).

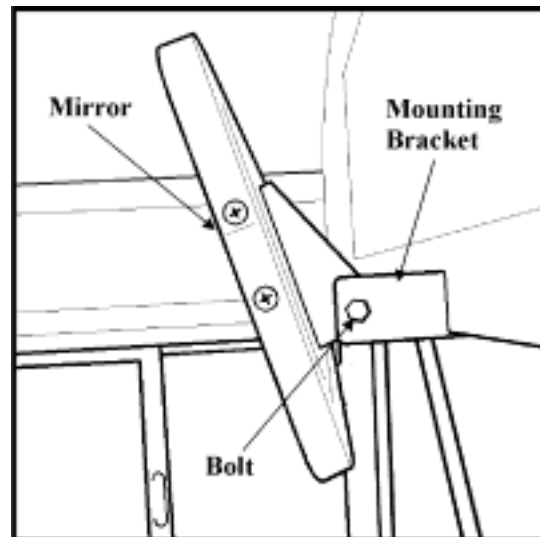
## Warning

*Do not move the vehicle after unloading passengers until the location of every passenger is confirmed.*

## Interior Mirrors

For adjustment to the rearview interior mirror, perform the following steps.

1. Loosen nuts in the slotted holes.
2. Adjust mirror for the best all around view.
3. Tighten nuts hand tight.



**Figure 1—Rearview Interior Mirror Adjustment**

## Exterior Rearview Mirrors

The exterior rearview driving mirrors include one flat mirror and one convex mirror, contained in a single housing, on each side of the vehicle. **Figure 2—Exterior Rearview Mirrors.**

The exterior rearview driving mirrors are designed to provide the seated driver a view of the roadway to the rear and to the sides of the bus.

The elliptical cross-view mirrors are designed to provide a seated driver a view of all the areas around the front of the bus not directly visible. The elliptical crossview mirrors are designed to be used to view pedestrians while the bus is stopped.

### Warning

*Do not use the elliptical cross-view mirrors to view traffic while the bus is in motion. Images in elliptical mirrors do not accurately show locations of other vehicles.*

### Warning

*People or objects reflected in a convex mirror look smaller and appear farther away than with a flat mirror. Do not put the vehicle into motion until individuals or objects can directly be seen in a flat mirror.*

### Caution

*Use caution when attempting to judge the size or distance of people or an object seen in a convex mirror.*



**Figure 2—Exterior Rearview Mirrors**

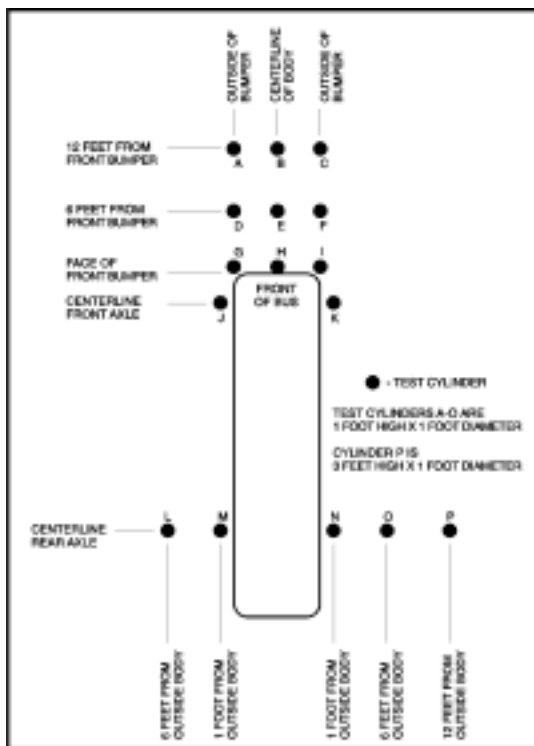
## Cross-View Mirrors

Right-hand and left-hand front convex front crossview mirrors are required on all Blue Bird All American buses.

## Mirror Adjustment

The driver should perform the following adjustment sequence to obtain the maximum viewing area with the mirror system. See

**Figure 3—Mirror Adjustment Sequence.**



**Figure 3—Mirror Adjustment Sequence**

1. Adjust the driver's seat to the desired position.
2. Adjust the right-hand flat driving mirror so that the tops of the side windows are visible in the upper edge of the mirror.
3. Adjust the right-hand flat driving mirror so that the right-hand side of the vehicle's body is visible in the inside edge of the right-hand flat mirror.
4. Adjust the right-hand convex driving mirror so that the view in the top of the

convex mirror overlaps the view provided by the right-hand flat driving mirror.

5. Adjust the right-hand convex driving mirror so that the right-hand side of the vehicle body is visible in the inside edge of the right-hand convex mirror.
6. Adjust the left-hand flat driving mirror and the left-hand convex driving mirror. Apply the steps for the right-hand mirrors found in Steps 2 through 5, to the left-hand mirrors, accordingly.

### Note

*The view provided by the elliptical cross view mirrors must overlap the view provided by the outside rearview mirror system.*

7. Adjust the mirror system so that the seated driver can view the areas M and N. **Figure 3—Mirror Adjustment Sequence.**
8. Adjust the elliptical cross-view mirrors to provide the seated driver a view of the entire surface of any cylinder A through P. **Figure 3—Mirror Adjustment Sequence.**

## Mirror Maintenance

### Note

*Make sure mounting fasteners are kept tight so that mirrors will not vibrate excessively.*

1. Clean all mirrors at least weekly.
2. Clean with an ammonia solution to ensure that the mirrors are clean and safe.
3. Check clamps weekly and retighten as needed.
4. Check the entire mirror viewing areas daily. Make necessary adjustments as required.

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