



ALERT

SERVICE BULLETIN

NUMBER: SB 500-52-001, REV B
MODEL: ECLIPSE EA500
SUBJECT: DOOR LOCK HANDLE REPLACEMENT

1. PLANNING INFORMATION

A. Effectivity

Aircraft Serial Numbers 000001 to 000071.

B. Reason

Door Lock Handle P/N 52-114458-1002 has been replaced with an updated model.

C. Description

This Service Bulletin replaces Door Lock Handle P/N 52-114458-1002 with P/N 52-114458-1003. The effectivity of this Service Bulletin has been reduced.

D. Relevant Publications

Aircraft Maintenance Manual (AMM) P/N 06-117751, latest revision.
Illustrated Parts Catalog (IPC), P/N 06-117752, latest Rev.

E. Compliance

Eclipse Aviation Corporation considers this to be a mandatory modification that must be accomplished at the next scheduled maintenance check or upon Door Lock Handle failure which ever comes first.

Compliance with revision A of this Service Bulletin constitutes compliance with revision B.

F. Approval

This Service Bulletin is based on engineering data that is FAA-approved, and the modification herein complies with the applicable regulations.

G. Labor Requirements

The following information is for planning purposes only.

(1) Estimated labor hours to perform:

Suggested number of personnel: 1

Door Release Knob Removal and Installation: 0.25 Hours

The above is an estimate based on properly equipped and experienced personnel complying with this Service Bulletin. Actual labor hours may vary depending on workforce experience, concurrent maintenance, discovery of other discrepancies, etc.

(2) Qualification of personnel:

- A person properly authorized under 14 CFR 43 to perform aircraft maintenance.

H. References

Aircraft Maintenance Manual (AMM) P/N 06-117751, latest revision.
Illustrated Parts Catalog (IPC), P/N 06-117752, latest Rev.

I. Publications Affected

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Illustrated Parts Catalog (IPC), P/N 06-117752, latest Rev.

2. MATERIAL INFORMATION

A. Materials

Order parts below:

(1) Non Serialized Parts

Part Number	Description	Qty / Unit of Issue
52-114458-1003	Door Lock Handle	1 EA

B. Interchangeability/Intermixability of Parts

None

3. ACCOMPLISHMENT INSTRUCTIONS

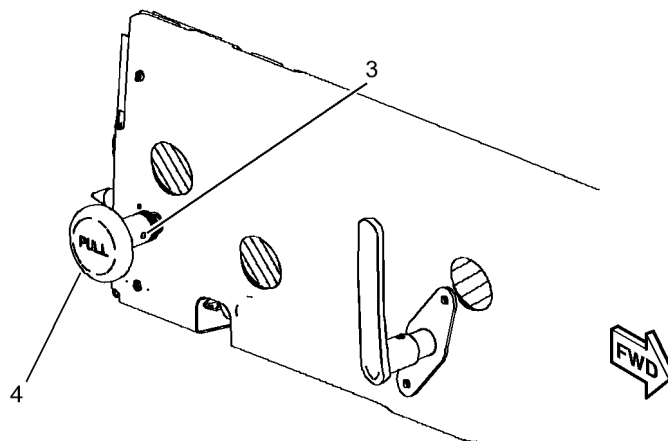
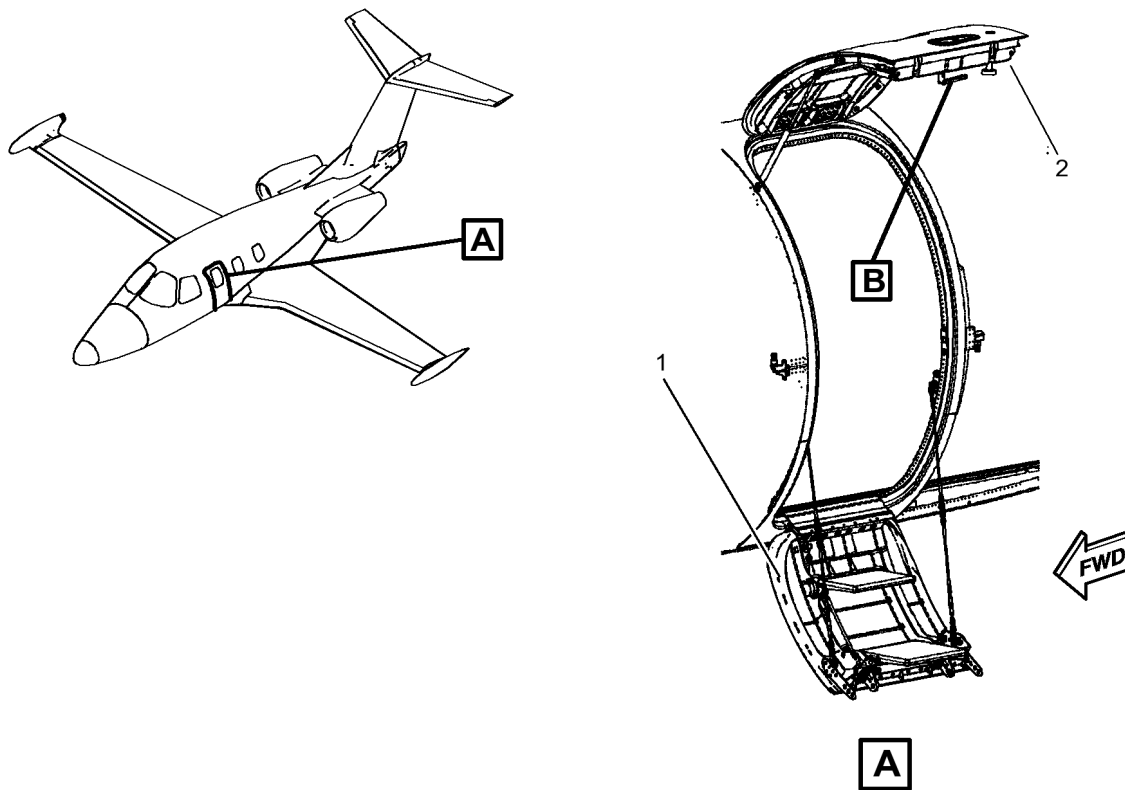
A. Procedure

- (1) Make aircraft safe for maintenance. Refer to AMM - 20-00-01-051-801 - MAKE SAFE FOR MAINTENANCE.
- (2) Open upper door assembly (2, Figure 1).
- (3) Open lower door assembly (1, Figure 1).
- (4) From inside aircraft, lower, but do not close or latch the upper door assembly.
- (5) Remove set screw (3, Figure 1) that attaches lock handle (4, Figure 1) to lock handle pin. Retain set screw for use with new handle.
- (6) Remove lock handle (P/N 52-114458-1002) (4, Figure 1) from lock handle pin.
- (7) Put lock handle (P/N 52-114458-1003) (4, Figure 1) on lock handle pin.
- (8) Attach lock handle (4, Figure 1) to lock handle pin with set screw (3, Figure 1) . Tighten set screw (3, Figure 1) until lock handle (4, Figure 1) on lock handle pin does not move.

CAUTION: BE CAREFUL NOT TO OVER TORQUE SET SCREW.

- (9) Do Adjustment/Test of the upper door latch/lock. Refer to AMM 52-00-00, SUBTASK AMM-52-00-00-071-701-010.
- (10) Remove all tools, equipment and unwanted material from the work area.
- (11) If all other maintenance is complete, return the aircraft to service. Refer to AMM-20-00-02.

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(ROTATED FOR CLARITY)

B

**Door Release Handle
Figure 1 (Sheet 1 of 1)**

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B. Parts Disposition

Scrap

C. Cost

Parts will be supplied by Eclipse Aviation Corporation at no charge to the aircraft owner. There will be no charges for labor if compliance of this Service Bulletin is performed at an Eclipse Service Center.

4. RECORD OF COMPLIANCE

Upon completion of this Service Bulletin, make an appropriate maintenance-record entry specifying the Service Bulletin number.

5. NOTIFYING ECLIPSE AVIATION

On completing this service bulletin, the operator/maintainer shall complete the attached Compliance Record and send it to Eclipse Aviation via regular mail, fax, or e-mail.

MAILING ADDRESS	Eclipse Aviation Corporation ATTN: Customer Care 4100 Aerospace Parkway Albuquerque, NM 87121
FAX	1-505-241-8802
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