

SERVICE LETTER NO. 75-3
"FAA DOA EA-4 APPROVED"

DATE: April 1, 1975

SUBJECT: IMPROVED FRONT SEAT BOTTOM

SERIALS AFFECTED: AA5-0001 thru AA5-0772 and AA5B-0001
thru AA5B-0036

TIME OF COMPLIANCE: Anytime repair to the front seat bottom
is required or sooner at owner's discretion.

GENERAL

Recent development efforts have resulted in improvements which increase the strength of the inner and outer front seat tracks. In addition, a design change has been made to the ball retainers that provides for increased ball retention during periods of excessive aft loading.

These improvements prevent binding, allow more pronounced and positive latching and increase the service life of the front seats.

Since the improved front seat bottom may be easily adapted to the aircraft serials listed above, it is recommended that this Service Letter be incorporated in the time of compliance indicated.

REPLACEMENT INSTRUCTIONS (REFER TO FIGURE 1)

The improved front seat bottoms are a direct replacement for the existing bottoms and include the complete riveted assembly, inner tracks, balls and retainers.

1. Remove both front seats from the aircraft by removing the two forward support bracket to seat rail attach screws and sliding the seat rails aft out of the slot in the support bracket.
2. Remove seat back attach hardware and separate back from seat bottom. Remove seat cover attach screws and separate cover from seat bottom.
3. Remove MS20364-1032 Nuts and MS35207-270 Screws that secure latching pawls to seat bottom and detach pawls and link assembly from existing seat bottom assembly.
4. Install latching pawls and link assembly in new 5102328-501/511 Seat Bottom Assembly using hardware removed in Step 3. Bend both pawl arms so that top of pin is aligned with top of adjustment holes within .030 inches as shown in Figure 1, Latch Pin Adjustment. Lubricate inner and outer tracks with general purpose grease per MIL - G - 7711.

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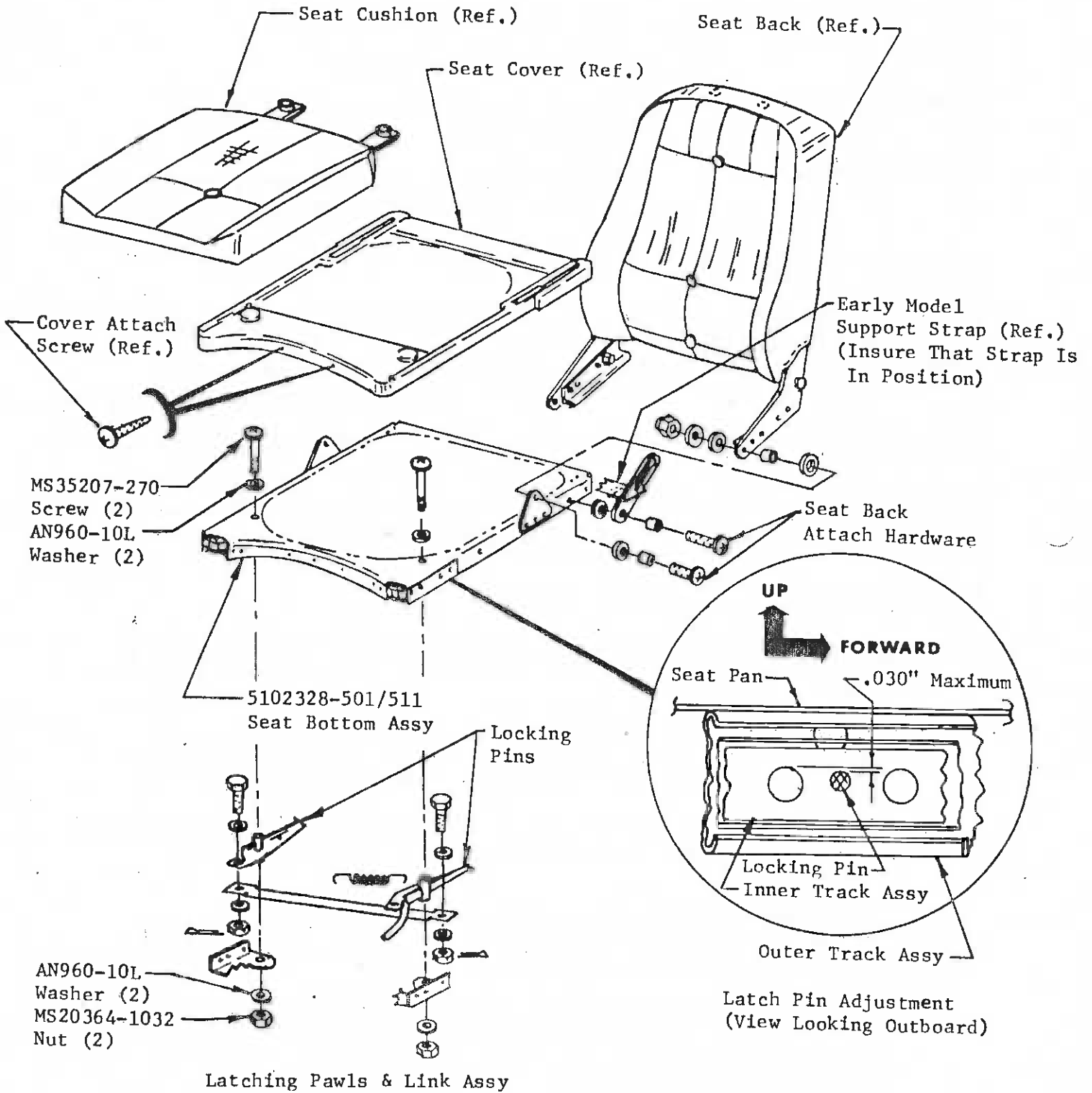


Figure 1. Front Seat Bottom Installation
 (LH Early Model Shown; RH & Late Model Similar)

5. Install seat back and cover in the reverse of the removal procedure. Reinstall seats in the aircraft and test for free movement and positive latching in all positions.

PARTS INFORMATION

Seat bottom assemblies will be available from your authorized Grumman American Aviation Corporation Dealer at a special reduced price until September 30, 1975. Thereafter, they will be repriced to reflect the normal pricing policy.

The latching pawls are not included and must be ordered separately, if required (see applicable parts catalog for part number and description). Two seat bottom assemblies are required for each aircraft.

<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>APPLICATION</u>	<u>PRICE</u>
*5102328-501	Seat Bottom Ass'y	AA5-0001 thru AA5-0405	\$40.00 (H)
*5102328-511	Seat Bottom Ass'y	AA5-0406 thru AA5-0772 AA5B-0001 thru AA5B-0036	\$40.00 (H)

* These seat bottom assemblies may be indentified by the symbol HT stamped on the inner and outer seat tracks.

CREDIT ALLOWANCE

A full parts and labor credit allowance of 1.0 hours per each seat bottom replacement, at the Dealer's prevailing shop rate, will be available for each aircraft in warranty as of the date of this Service Letter.

All work must be performed or authorized by a Grumman American Aviation Corporation Dealer or representative and a completed Warranty Claim Form No. GAA-740, submitted to the factory prior to September 30, 1975, for credit allowance.

Prices subject to change without notice.

Very truly yours,

GRUMMAN AMERICAN AVIATION CORPORATION



Russ E. Belles
Customer Service Manager

REB:nf

Distribution (02)