COACHSTEP DOUBLE STEP RECALL REPAIR INSTRUCTIONS
RECALL# 15E-078 LABOR FLAT RATE: 0.3 HOURS

Purpose

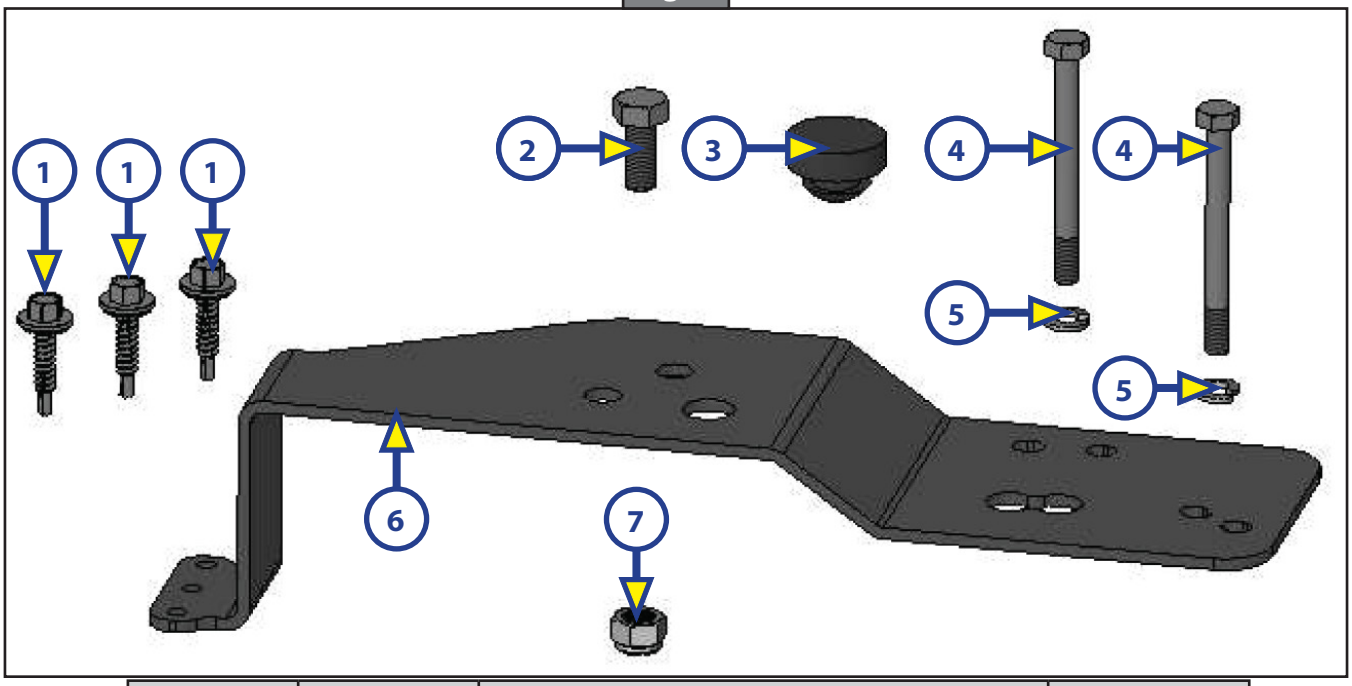
The intent of this document is to provide instructions for the installation of the Coachstep retainer bracket on double step assemblies.

Preparation

Tools and Hardware Required

- Cordless or Power Drill or Impact Wrench
- ⅛" Metal Drill Bit
- 5⁄16" Nut Driver Bit or Socket
- 10mm Wrench or Socket
- 2 x ½" Wrench or 1 x ½" Wrench and 1 x ½" Socket
- Coachstep Double Step Recall Parts Kit - P/N 389761 (Fig. 1)
- Jack Stand

Fig. 1



Callout	Part #	Description	Quantity
1	181351	Screw - #12 x 1 Hex Head Washer Tek Screw w/ B/S Washer, Zinc Plated	3
2	125557	Bolt - 5⁄16 - 18 x ¾	1
3	163492	Rubber Bumper .70 x 1	1
4	183925	Bolt - 6mm - #10 x 63.5mm Hex Cap Screw GR5 Zinc	2
5	165216	Lock Washer - 6mm Zinc	2
6	386819	Retainer Bracket 11 Gauge	1
7	118043	Nut - 5⁄16 - 18 Nylock ZN ST	1

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1. Fully extend the steps (until the motor stops).
2. Place a jack stand under the bottom step to prevent any potential attempt for automatic retraction.
3. Disconnect the power supply (4-prong connector- Fig. 2A) after extending.

NOTE: Jack stand may be removed once power supply is disconnected.

4. Remove the two motor housing bolts and lock washers (Fig. 3A). The lock washers are shown on the motor housing bolts in the images.

Fig. 2

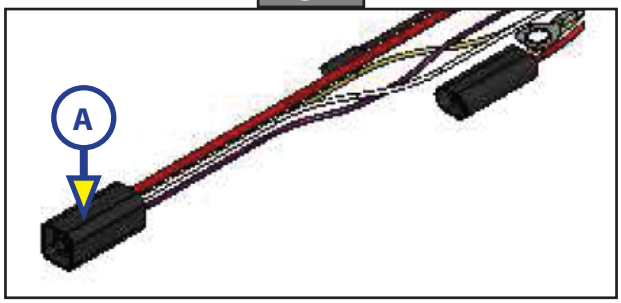


Fig. 3 - Detail

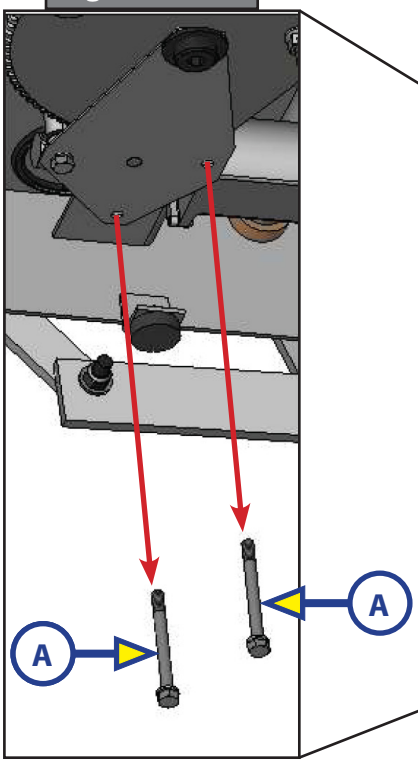
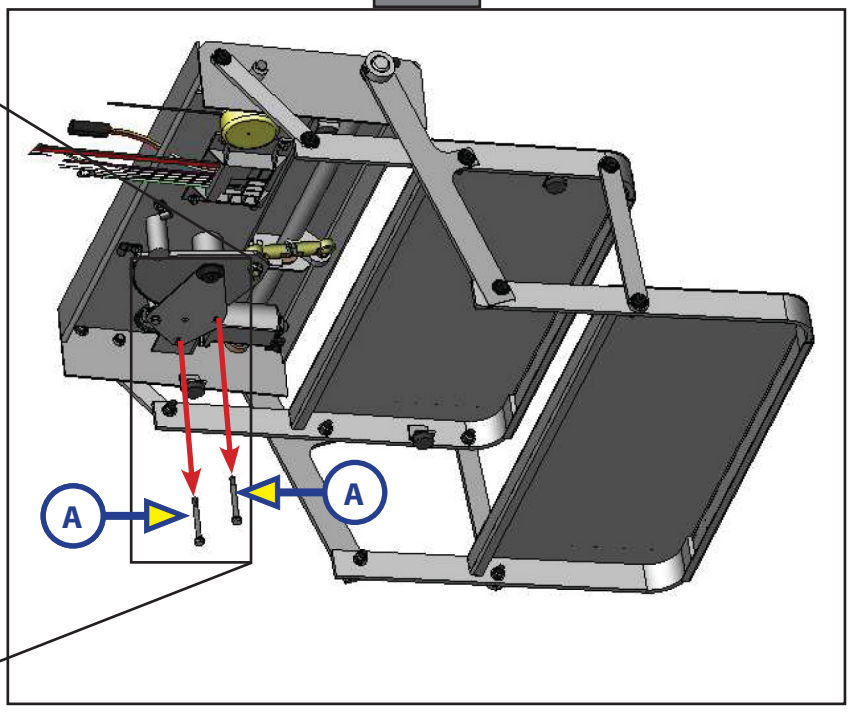


Fig. 3

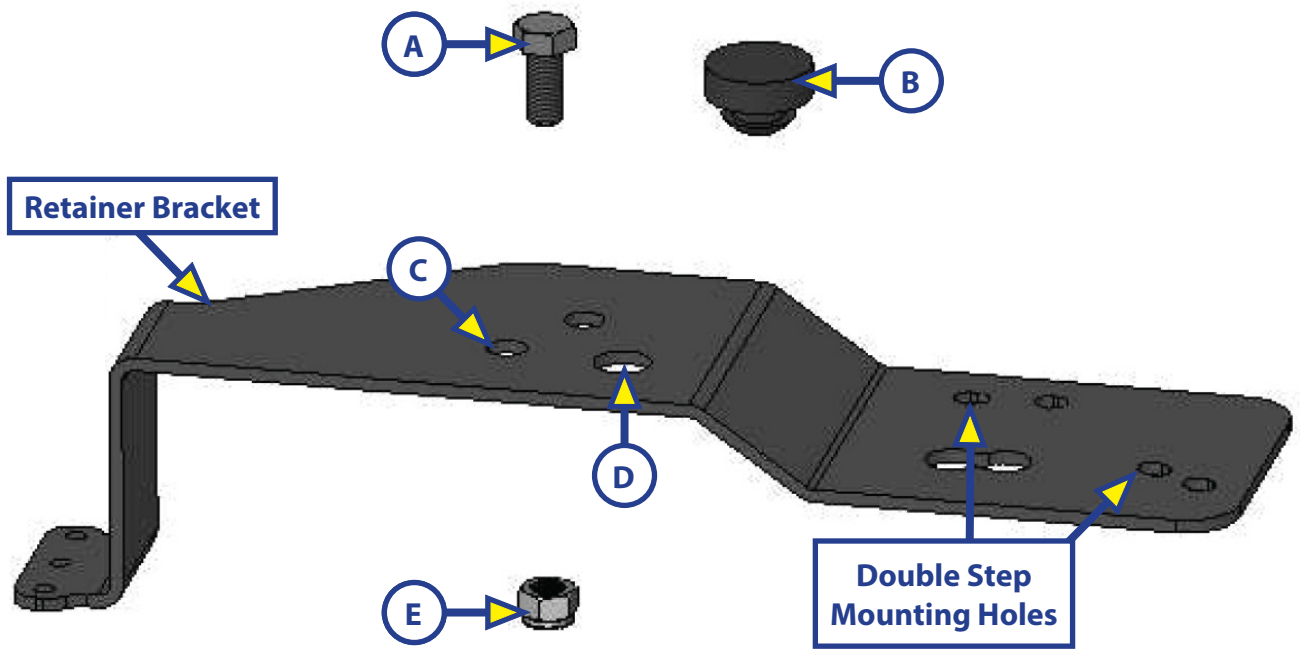


Procedure

Assembling the Retainer Bracket

1. Install the 5⁄16 - 18 x ¾" bolt (Fig. 4A) into the appropriate hole in the retainer bracket (Fig. 4C).
2. Tighten the lock nut (Fig. 4E) onto the bolt (Fig. 4A) until the lock nut contacts the retainer bracket.
3. Install the rubber bumper (Fig. 4B) into the hole in the retainer bracket (Fig. 4D).

Fig. 4



Installing the Retainer Bracket Assembly

1. Clean any dirt or debris from the hex socket on the fan gear shoulder bolt (if necessary) (Fig. 5G).
2. Ensure that all the motor mount spacers (6 total - Fig. 5H) are still in place.
3. Insert the 5⁄16 - 18 x ¾" bolt (Fig. 5D) directly into the hex socket of the fan gear shoulder bolt (Fig. 5G).
4. Install the 6mm - 10 x 63.5 mm bolts and 6 mm lock washers (Fig. 5E) through the appropriate mounting holes in the retainer bracket and into the motor housing.

NOTE: If alignment issues for the mounting bolts arise, loosen the lock nut on the 5⁄16 - 18 x ¾" bolt (Fig. 5D) to allow the bolt to slide within its oversized hole. Once the mounting bolts are properly aligned, re-tighten the lock nut.

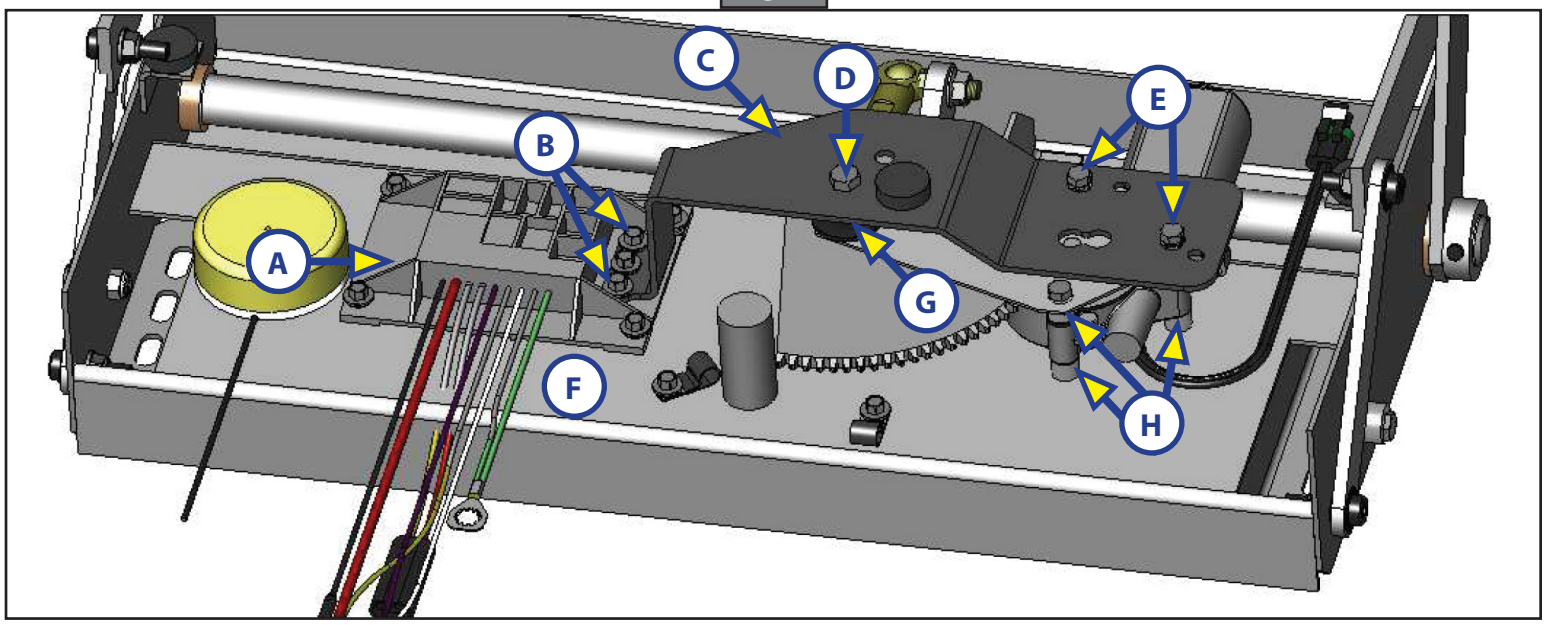
5. Install 3 tek screws (Fig. 5B) through the retainer bracket (Fig. 5C) and control box flange (Fig. 5A), and into the step housing (Fig. 5F) to secure that end of the retainer bracket.

NOTE: Pre-drilling ⅛" pilot holes prior to installing the tek screws may help simplify the installation.

6. Tighten the screw until the retainer bracket is flush with the control box flange and the foam washers on the tek screws begin to compress.

NOTE: Be sure to apply proper pressure and drill rotation speed on the drill to avoid stripping the self-drilling threads on the tek screws.

Fig. 5



7. Place a jack stand under the bottom step to prevent any potential attempt for automatic retraction.
8. Reconnect the 4-prong connector from the motor control box (Fig. 2A) to the coach power supply.
9. After moving safely away from underneath the motorized steps, remove the jack stand and test the steps for full operation via the standard operation of the coach.