

# NHTSA SAFETY RECALL NUMBER: 24V642

## Truck Body Attic Floor Repair Procedure

RD160-M25  
Rev. B  
10/22/24

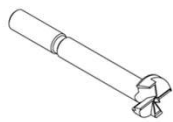
**NOTICE:** USE ALL PROPER PERSONAL PROTECTION EQUIPMENT DURING INSPECTION AND REPAIR.

**Estimated Repair Time: 2.0 Hours**

### FLOOR REPAIR KIT INSTRUCTIONS:

**NOTE:** This kit shall be **installed after** the CROSSMEMBER REPAIR KIT (if required).

### PARTS IN KIT:



3/4 Dia Forstner Drill Bit  
X 1  
RD160-M14-001



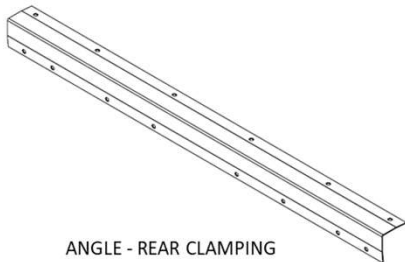
SPACER - ALUMINUM  
X 15  
M251144-001



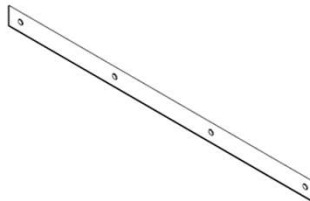
WASHER - FLAT 3/8  
X 15  
1530438004



THREAD FORMING SCREWS  
- 1/4-20x2  
X 55  
1245428200



ANGLE - REAR CLAMPING  
X 2  
8 FT WIDE RD160-M9-001  
OR  
8.5 FT WIDE RD160-M2-001



BAND - SIDE CLAMPING 5FT  
X 4  
RD160-M10-001



BAND - SIDE CLAMPING 6FT ADDER  
X 2  
RD160-M11-001

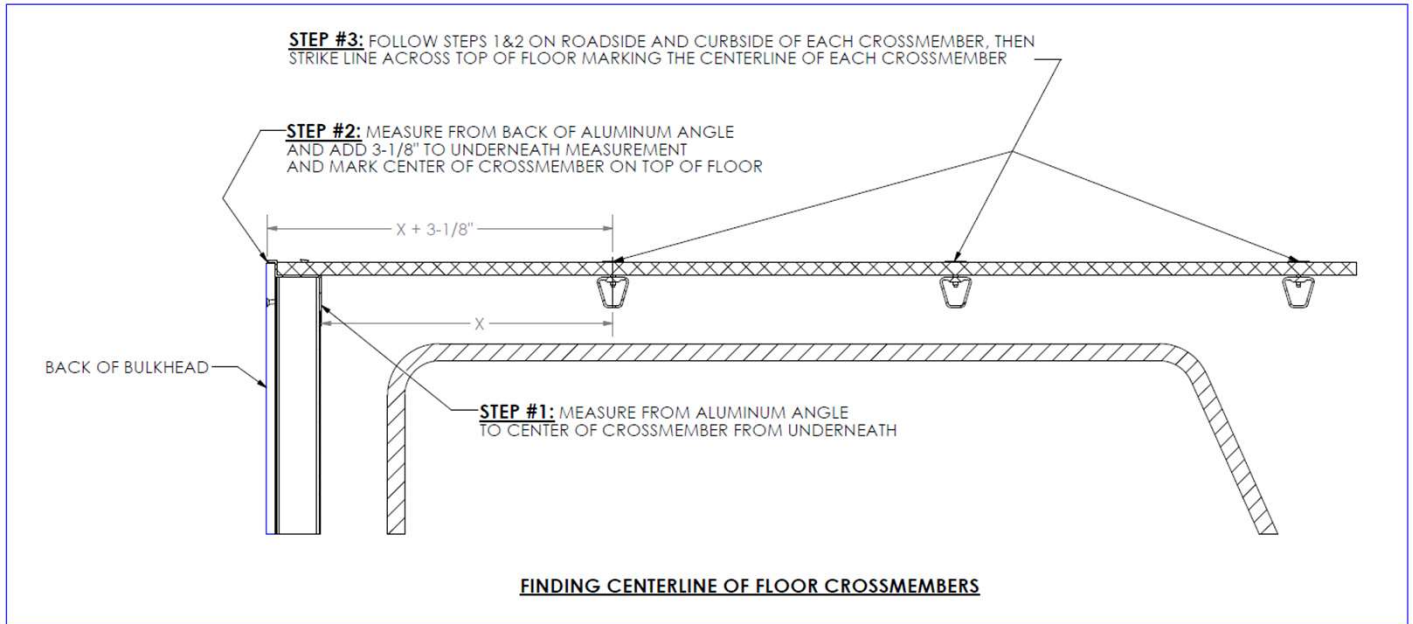
### SUGGESTED TOOLS AND SUPPLIES NEEDED:

Power Drill Driver  
1/4" Impact Driver  
7/32" Drill Bit  
3/4" Diameter Forstner Drill Bit (Supplied in Kit)  
T30 Drive Bit  
Chalk Line, Mason Line or Long Straight Edge  
Gloves  
Safety Glasses  
Dust Mask  
Spray Bottle with Water

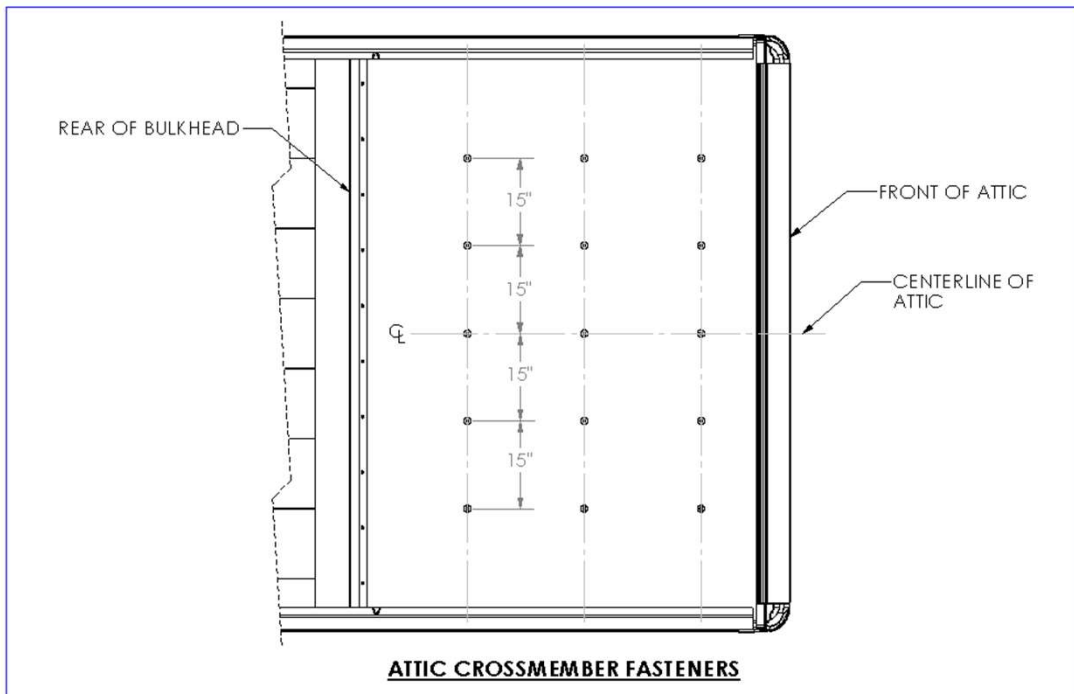
## INSTRUCTIONS:

### SCREW ATTIC FLOOR TO CROSSMEMBERS UNDERNEATH

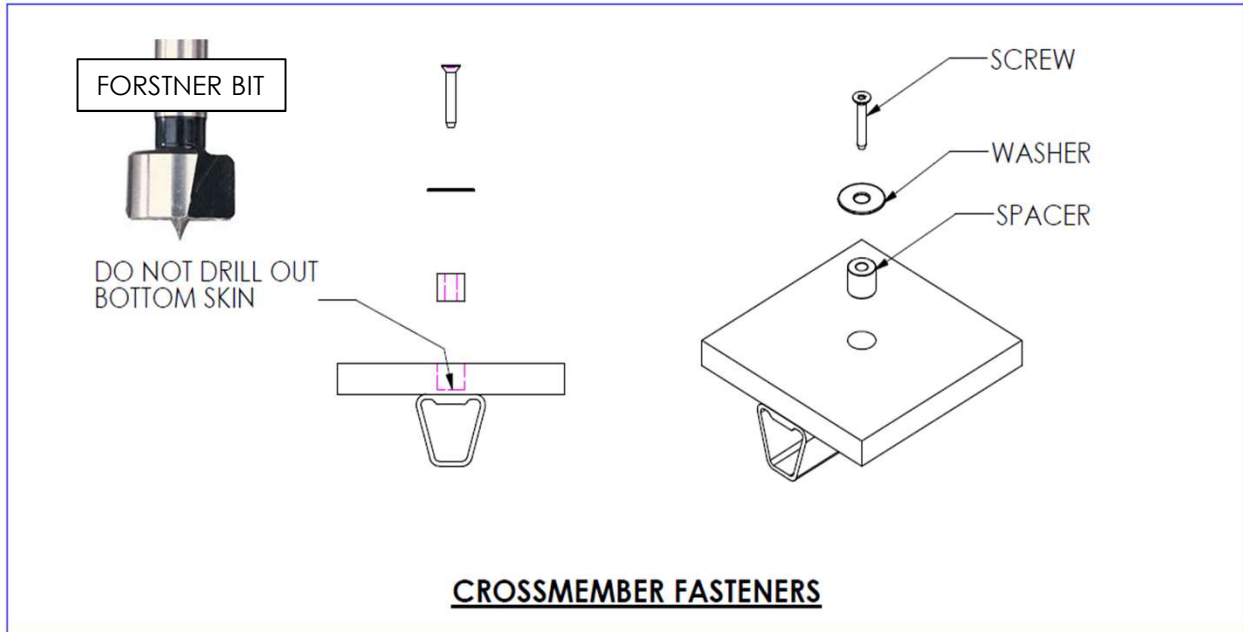
- Find center line of crossmembers using the method shown below:



- Snap chalk line side to side or draw line using straight edge to mark centerline of crossmembers on top of floor.
- Mark locations for crossmember fastener holes on centerlines. Fasteners should be located at the center and on 15" centers to the left and right of center along the length of the crossmember. There will be (5) fasteners per crossmember as shown below:



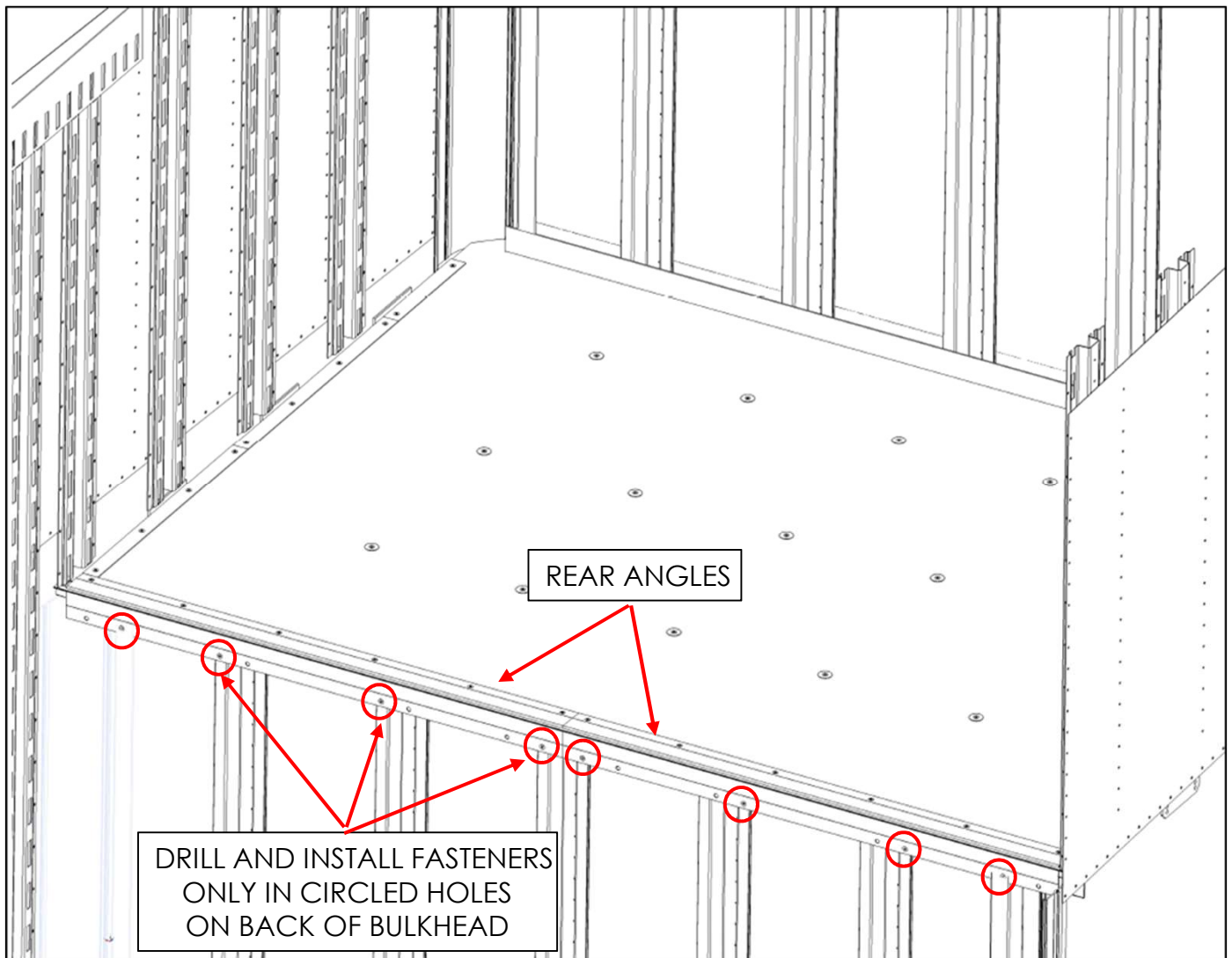
- Using supplied 3/4" Forstner bit, drill through top layer of panel and into the plastic core at each fastener location. Drill must be held perpendicular to the top of the panel while drilling. When you feel a little resistance, the bit has bottomed out and should NOT penetrate the bottom skin of the panel. NOTE: To minimize drill dust, spray a small amount of water around the drill bit while drilling.



- Once hole is drilled, remove bit from the hole and push an aluminum spacer down into the empty hole.
- Using a power drill and 7/32" drill bit, drill through the center of the spacer, making a hole in the bottom skin and the top wall of the crossmember.
- Place the large flat washer over the spacer.
- Install a 1/4" x 2" thread forming screw through washer, spacer and into the top wall of the crossmember using an impact driver and T30 bit. NOTE: Tighten the screw until the washer is slightly dimpled and the crossmember is pulled snugly up to the attic floor. Be careful not to over-tighten the screw. 5-8 ft-lbs of torque is all that is required.
- Repeat this process for all remaining crossmember fasteners.

## ATTACH REAR ANGLES:

- Place rear angles over the edge of bulkhead with the pre-punched holes oriented as shown below.
- Butt inboard edges of rear angles together at centerline of bulkhead.
- Using a power drill and 7/32" drill bit, drill through the pre-punched holes in the top face of the angles (approx. 1-1/2" deep) and only the circled holes in the back face of the angles (approx. 1-1/2" deep – to not pierce front wall). (Note: Not all holes will be used along back face.)
- Install a 1/4" x 2" thread forming screw in each of the drilled holes using an impact driver and T30 bit. (NOTE: Tighten the screw until the angle is snugly fastened and is slightly dimpled at each screw. Be careful not to over-tighten the screw. 5 to 5.5 ft-lbs of torque is all that is required.)
- It is recommended that a few screws are installed first to hold the angles in place and then repeat the process for all remaining fasteners in the angles.



## ATTACH SIDE CLAMPING BANDS:

- Place (2) of the longer side clamping bands (5 ft) along each side, directly butted up against lower aluminum side rail and against the rear angle. Trim away caulk if necessary.
- Using a power drill and 7/32" drill bit, drill through the pre-punched holes down through the lip of the lower aluminum rail.
- Install a 1/4" x 2" thread forming screw in each of the drilled holes in the bands using an impact driver and T30 bit. (NOTE: Tighten the screw until the bands are snugly fastened and are slightly dimpled at each screw. Be careful not to over-tighten the screw. 5 to 5.5 ft-lbs of torque is all that is required.)
- If repairing a 6 ft long attic, place (1) of the shorter side clamping bands (6 ft adder) directly in front of the previously installed bands.
- Drill and fasten this band the same way as the longer bands.

