



Thor Motor Coach Technical Service Bulletin

TSB #	TSB 22-09		
Description/Title:	Rize/Scope A/C install		
Affected Product Line(s):	Certain model year 2022 – 2023 Rize & Scope		
Service Campaign # :	RC000272	Released Date:	
Codes:	Inspect with Repair: TMCTS80249W	Document Date:	7/5/2022
Time Allowed:	Inspect with Repair: 2.0/hrs	Document Revision:	A

Issue:

Rize/Scope A/C not installed correctly.

Tools Required:

Screw gun
Metal masters

Part(s) Required:

0521597 - TSB 22-09 RIZE/SCOPE A/C INSTALL

Instructions:

Use attached prints for reference during repairs. Print numbers are listed with some pictures below for further reference.

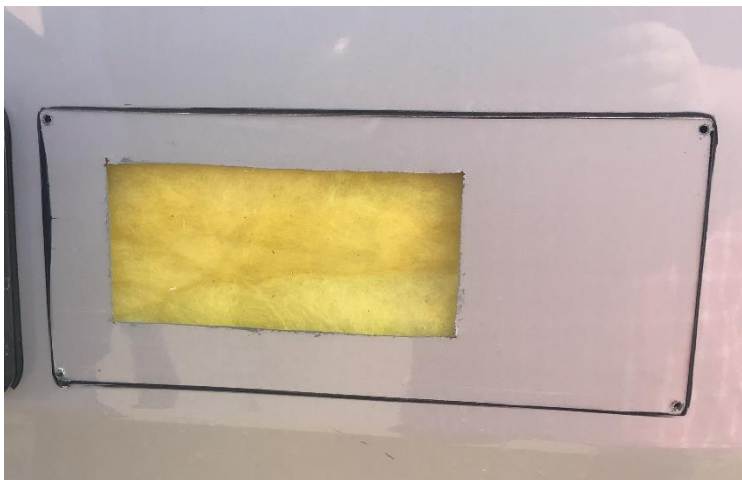


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1. The outside intake vent hole may not be cut large enough. Please use attached prints to confirm cutout size and cut larger is needed.



2. Ensure there is no insulation blocking the intake opening.



3. Seal needs to be added around the opening between the intake plenum & van body.



4. Remove two black Southco latches in the front of the cabinet. Loosen and remove the red strap holding the A/C in place and remove A/C to access exhaust.





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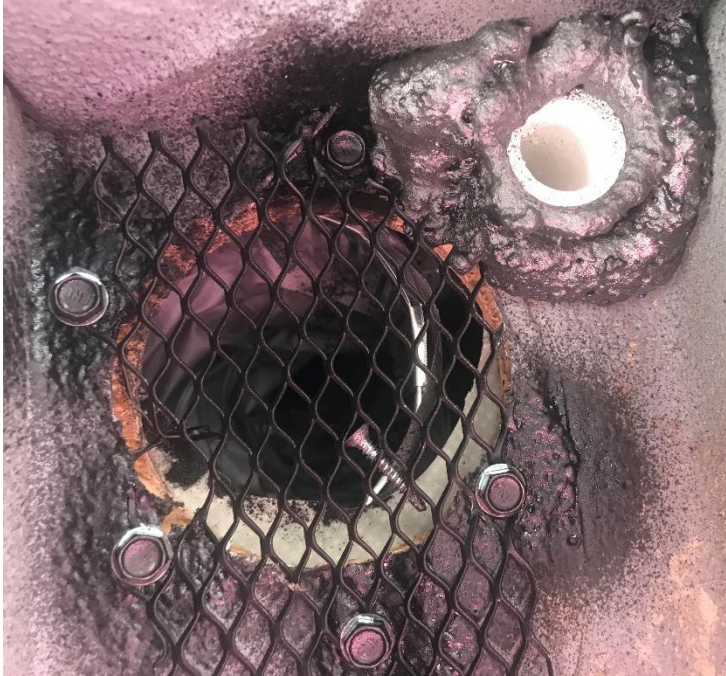
5. A/C exhaust plenum #16 on the TIP0425 print is not lined up with the air exhaust opening. The screws need to be removed and the plenum slid rearward. The strap needs to be moved clear as well.



6. Exhaust flange at the floor is not lined up with the hole in the floor and the floor hole is too small. (hole in floor is 3.5" and should be 4")



7. Mesh cover not installed properly & wrong size, should be a larger piece and needs secured to bottom of frame rail. TFM7703



8. Exhaust hose may be too long and should have the excess cut off to keep the hose from kinking.





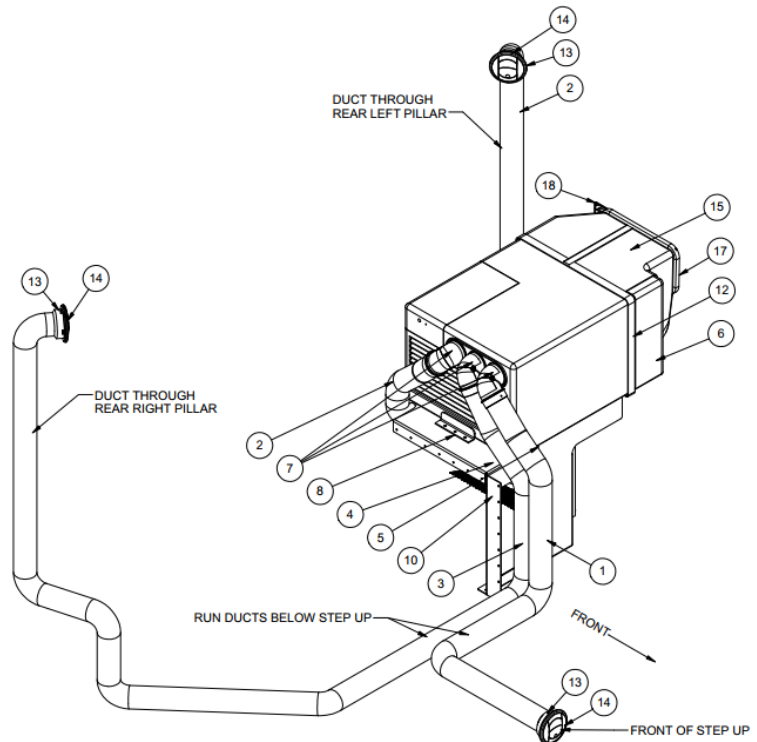
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9. LH rear A/C vent hose may become pinched between the exhaust hose and the rear of the bed base. The A/C vent hose can be rerouted in front of the exhaust hose which will also provide room to move the exhaust plenum rearward.
10. Once repair has been completed check that the temperature coming out of the vent hoses is at least 15 degrees below the ambient temperature inside of the van.



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ASSEMBLY			
NO	QTY	DESCRIPTION - W x L (GRAIN)	SIZE B
1	1	2 1/2" HEAT DUCT	56 11/16
2	1	2 1/2" HEAT DUCT	84
3	1	2 1/2" HEAT DUCT	132 5/16
4	1	4 FLOOR FLANGE	
5	1	4" HEAT DUCT	15 3/4
6	1	AC UNIT	
7	3	BGC ELBOW	
8	1	BRACKET, AC	
9	1	BRACKET, AC SUPPORT (TFM7703)	
10	1	COVER, MESH (TFM7720)	
11	1	DRAIN, CONDENSATION (TPL1765)	
12	1	HOUSING STRAP	
13	3	LOUVER, INSERT, 2.5 BASE LONG (0388861)	
14	3	LOUVER, 2.5 DOMED (0267107)	
15	1	PLENUM, AC AIR INTAKE (TPL1763)	
16	1	PLENUM, AC AIR OUTLET (TPL1764)	
17	1	Seal TAPE, FOAM, .5" X 1" (0103675)	
18	1	VENT IMPACT, LOUVERED WITH HOLES, 5.5 X 12.33, BLACK, 0475487	

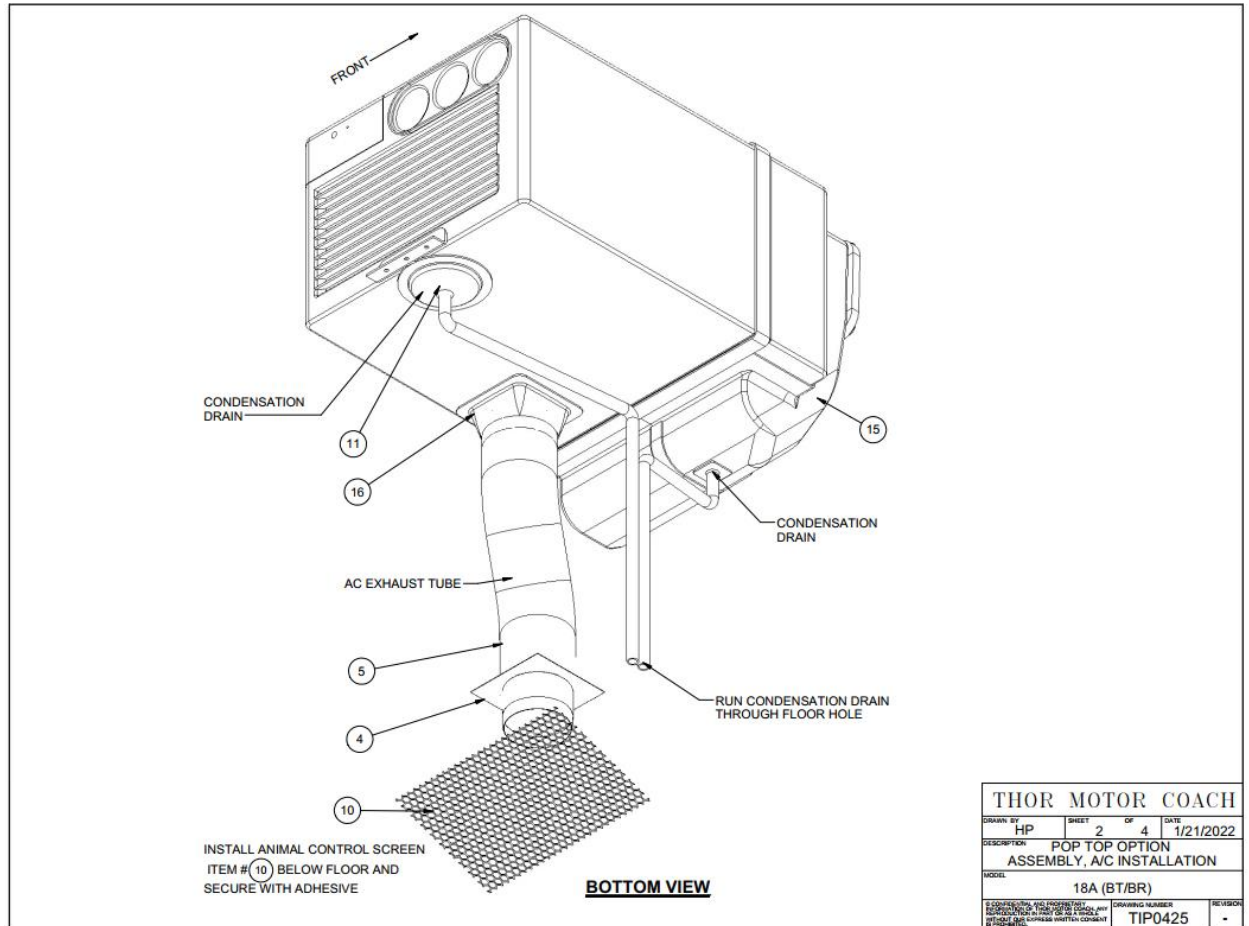


NOTE : ITEM 8 & 12 COMES WITH AC

REV	DESCRIPTION	DATE	BY	ECN	ASSEMBLY/ LAYOUTS ARE NOT TO SCALE	THOR MOTOR COACH			
-	INITIAL RELEASE	1/21/2022	HP	21389	ALL DIMS ARE TO APEX OF RADII AND/OR TO FINISHED SURFACE OF PART. NUMBER OF PLACES ARE IN PARENTHESIS () SEE BOM OR BUILD ORDER FOR COLOR/ FINISHES	DESIGNED BY	HP	SHEET	1 OF 4
						DATE			
						1/21/2022			
						DESCRIPTION			
						POP TOP OPTION			
						MODEL			
						18A (BT/BR)			
						DRAWING NUMBER			
						TIP0425			
						REVISION			
						-			

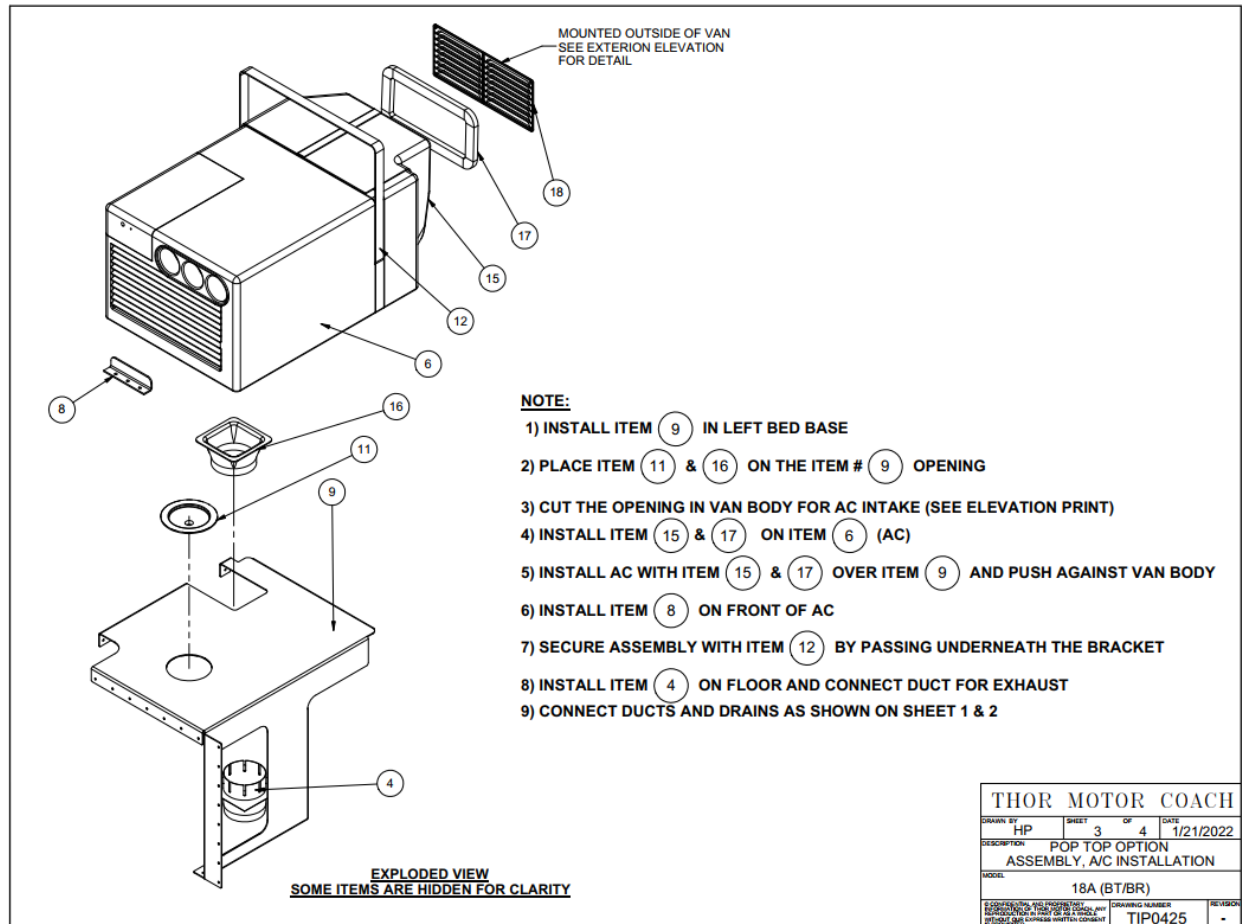


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