

**Zero Radius hydraulic reservoirs  
breather upgrade to reduce oil leakage**

**Date:** June 05, 2023  
**Bulletin Name:** ZR-TSIB-015  
**Model:** Zero Radius (48)  
**Model Year:** All  
**Units Affected:** ZRs with in-body hydraulic reservoirs and frame mount reservoirs

**Purpose:**

McNeilus Truck and Manufacturing offers these instructions for the installation of a hydraulic reservoir breather upgrade kit to reduce oil leakage in in-body hydraulic reservoirs and frame mounted hydraulic reservoirs on Zero Radius (ZR) Side Loader refuse vehicles.

**Notice:**

- This bulletin should be read and understood in its entirety before performing this procedure.
- All procedures outlined in the bulletin must be performed by skilled service personnel. Refer to the product service manual for descriptions of maintenance procedures.

**SAFETY NOTICE**

**Perform your company’s Lockout/Tagout procedure. If your company does not have a Lockout/Tagout procedure, follow OSHA 1910.147 and 1910.146 Confined Space as appropriate.**

**SAFETY NOTICE**

**Use appropriate Personal Protective Equipment (PPE) as required by your company.**

**Tools and Equipment Required:**

Customer to supply:

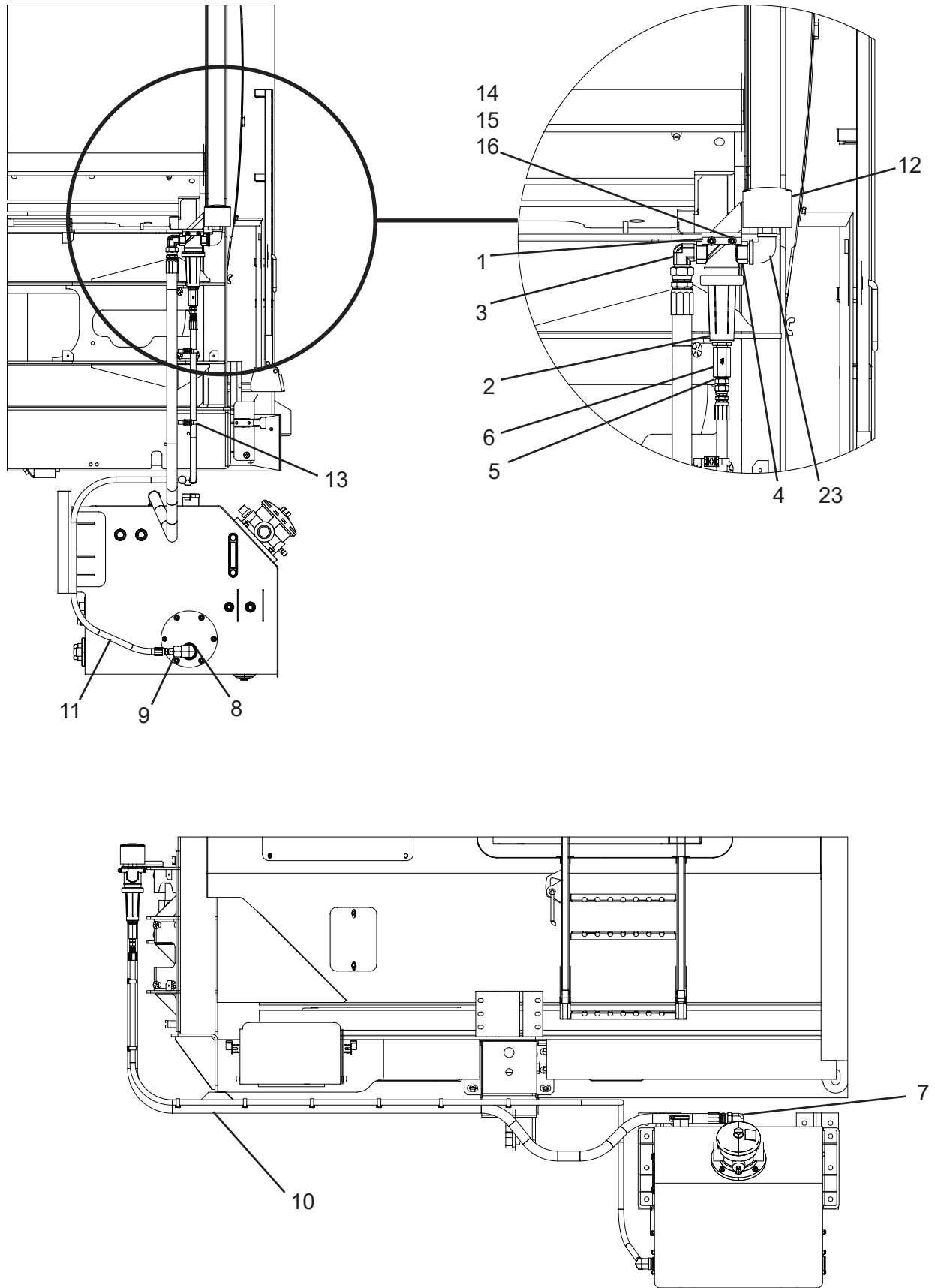
- Torque wrench
- Wrenches
- Cylinder plugs/caps
- Drill/tap

**Parts Required:**

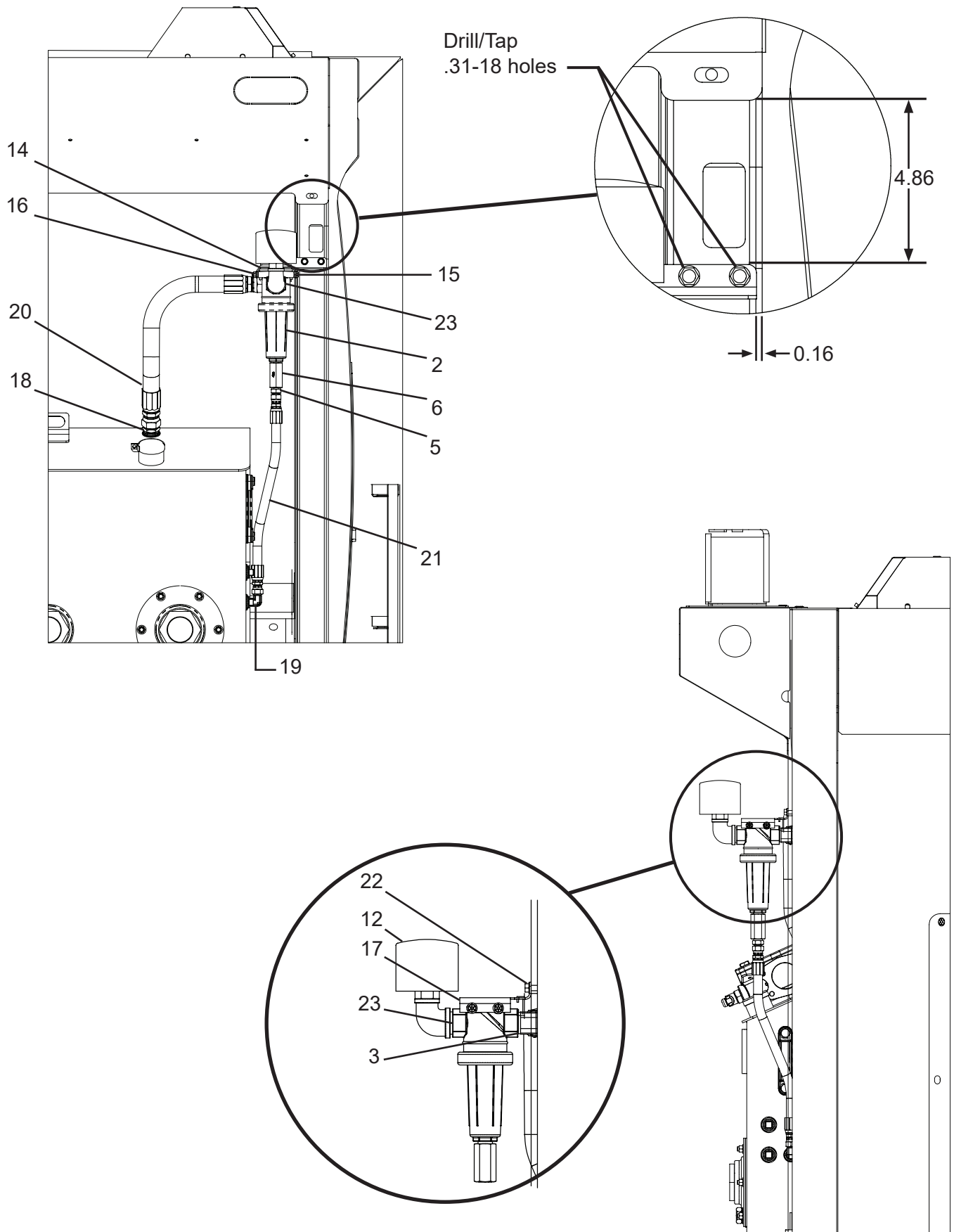
**NOTE:** The quantity is different between the needs of the frame mounted style hydraulic reservoir and the in-body style hydraulic reservoir. Order the correct parts and quantity of parts needed for the hydraulic reservoir style on your truck.

Item	PN	Description	Qty. Frame Mounted Reservoir	Qty. In-Body Reservoir
1	1607339	BRKT,TRP,RMT BRTHR,CHAS MNT	1	—
2	1607499	STRAINER,BREATHER,16 MESH	1	1
3	1260395	FTG,90 16JIC-16NPT MM ST	1	1
4	101206	FTG,ST 1.00 NPT M ST	1	1
5	1260365	FTG,ST 8JIC-8NPT MM ST	1	1
6	1608615	CHECK,0 PSI,.5" NPT MF	1	1
7	1131561	ADPT,AQP 2024-12-16SAB	1	—
8	1260398	FTG,90 16JIC-20NPT MM ST	1	—
9	1131655	FTG,ST 16JIC-8JIC FM ST	1	—
10	1608650	HOSE ASSY 16 CR 120 GFF16	1	—
11	1608821	HOSE ASSY 08 CR 128 AFF08	1	—
12	1106849	FILTER,TANK VENT,HYD	1	1
13	1182688	STRAP,TIE,DBL PLASTIC	8	—
14	100559	WASH,FLT .25X.62X.06 ZY HDN	4	4
15	1134388	SCR,CAP,HEX .25-20X4.00 G8 ZY	2	2
16	120175	NUT,HEX,LKDT .25-20 GC ZC	2	2
17	1608842	BRKT,TRP,RMT BRTHR,FOB MNT	—	1
18	1131542	ADPT,2021-12-16SAC,AEROQUIP	—	1
19	1260407	FTG,90 8JIC-6NPT MM ST	—	1
20	1608977	HOSE ASSY 16 CR 22 AFF16	—	1
21	1456065	HOSE ASSY #8 CR 20.25 AFF08	—	1
22	1487726	SCR,FLG,HEX,TF .31-18X1.00 ZC	—	2
23	1608614	FTG,90 16NPT-12NPT FF GV	1	1

# Frame mount hydraulic reservoir remote breather installation information



# In-Body mount hydraulic reservoir remote breather installation information





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