

Zero Radius Flow Divider Replacement

Date: August 17, 2022
Bulletin Name: ZR-TSIB-014
Model: Zero Radius
Model Year: All

Purpose:

McNeilus Truck and Manufacturing offers these instructions for the installation of an alternative divider from a different supplier (due to supply chain shortages). This new flow divider will function the same as the old valve.

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:

- Wrenches, sockets
- Drill, 3/8 drill bit
- Hydraulic hoses caps and plugs
- Oil collection pan

Parts Required:

Item	PN	Description	Qty.
1	1654923	FLOW DIVIDER, ZR GRABBER	1
2	1134436	SCR,CAP,HEX .31-18X1.25 G8 ZY	4
3	0120199	NUT,FLG,LKDT .31-18 GG CW	4

Procedure:

1. 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. Chock wheels and engage the service brake.
2. Lower the grabber to a working height.
3. Place an oil collection pan under the grabber.
4. Remove the cover on the grabber.
5. Remove the hoses and fittings from existing flow divider (Figure 1). Plug and cap the connections.

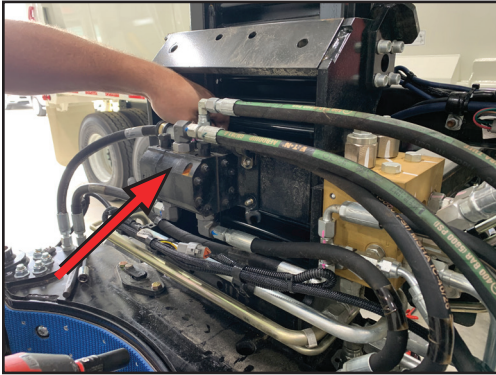


Figure 1

6. Remove the flow divider. Retain the bolts.
7. Bolt the new flow divider into place using the holes furthest to the right on the grabber frame (Figure 2).



Figure 2

8. Using the flow divider as a template, mark the left side of the grabber frame mounting holes to be drilled (Figure 3).

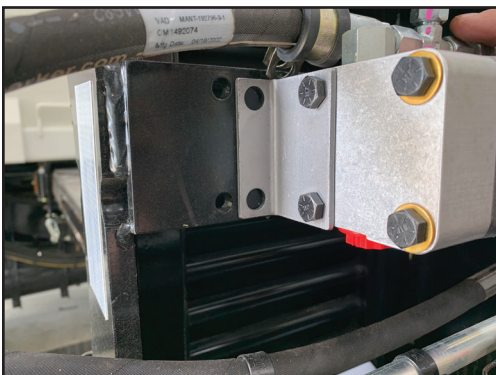


Figure 3

9. Drill holes.
10. Install bolts into these new holes.
11. Reinstall the hoses and fittings (Figure 4). Use a torque wrench to torque to proper specifications (see Service Manual for torque specifications).

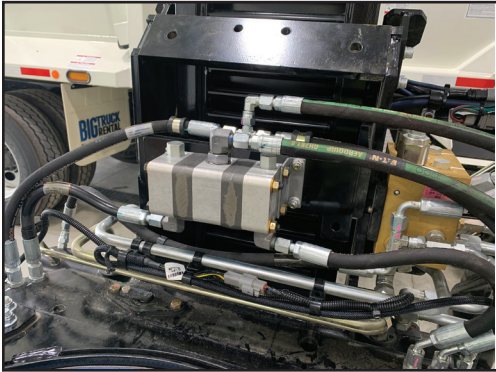


Figure 4

12. Remove 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.
13. Operate the grabber fingers open and close to check for leaks. Retighten fittings if leaking.
14. Reinstall grabber cover.
15. Dispose of the collected oil according to applicable laws.
16. Installation is complete. Return truck to service.



(888) 686-7278

www.streetsmartparts.com