



Diversified Metal Fabricators Service Bulletin SB 2079

Title	RW-1019B Front Pin Lock Washer Replacement
Document No.	SB2079 Rev #
Issue Date	11/11/2019 (TAM)
Release	General
Units Affected	RW-1019B models (front only) with ship dates prior to 11/8/19 (~SN 45680)
Purpose	Reduced potential for front pin separation

Identification:

Under sustained vibration, the bolts retaining some pins in front RW-1019B assemblies may loosen and fall out over time. This could allow the pins to back out, causing key railgear components to separate. While DMF is unaware of any reported failures of this type occurring in the field, customers are urged to inspect these pins and replace the lock washers as a preventative measure. Replacing the standard spring lock washers under the retaining bolt with upgraded Nord-Lock washers provided by DMF will greatly increase the vibration resistance of the retaining bolt.

Procedure (Ford F-450/550; Ram 4500/5500):

1. Contact DMF and request QUANTITY 4 of P/N 605715 (NORD-LOCK WASHER, 3/8").
2. Remove the 3/8" bolts retaining the cylinder pin and the pivot pin (**FIGURE 1**; Ford shown, Ram similar).
3. Remove and discard the 3/8" spring lock washers.
4. Make sure the "top hats" are reinstalled against the pin head.
5. Reinstall 3/8" bolts using 3/8" Nord-Lock washers. Nord-Lock washers are a two-piece design, but are held together with adhesive for ease of assembly. Do not separate the washer pairs.
6. Torque 3/8" bolts to 31 ft-lb.
7. Repeat procedure on remaining pins on opposite side of the vehicle.
8. The shorter pin through the rod end of the cylinder is secured with a nylock nut and does not require a Nord-Lock washer.

Procedure (GM 4500/5500/6500 or International CV 4x4):

1. Contact DMF and request QUANTITY 2 of P/N 605715 (NORD-LOCK WASHER, 3/8").
2. Remove the 3/8" bolts retaining the swing link pins on both sides of the vehicle (**FIGURE 2**).
3. Remove and discard the 3/8" spring lock washers.
4. Make sure the "top hats" are reinstalled against the pin head.
5. Reinstall 3/8" bolts using 3/8" Nord-Lock washers. Nord-Lock washers are a two-piece design, but are held together with adhesive for ease of assembly. Do not separate the washer pairs.
6. Torque 3/8" bolts to 31 ft-lb.



Diversified Metal Fabricators Service Bulletin SB 2079

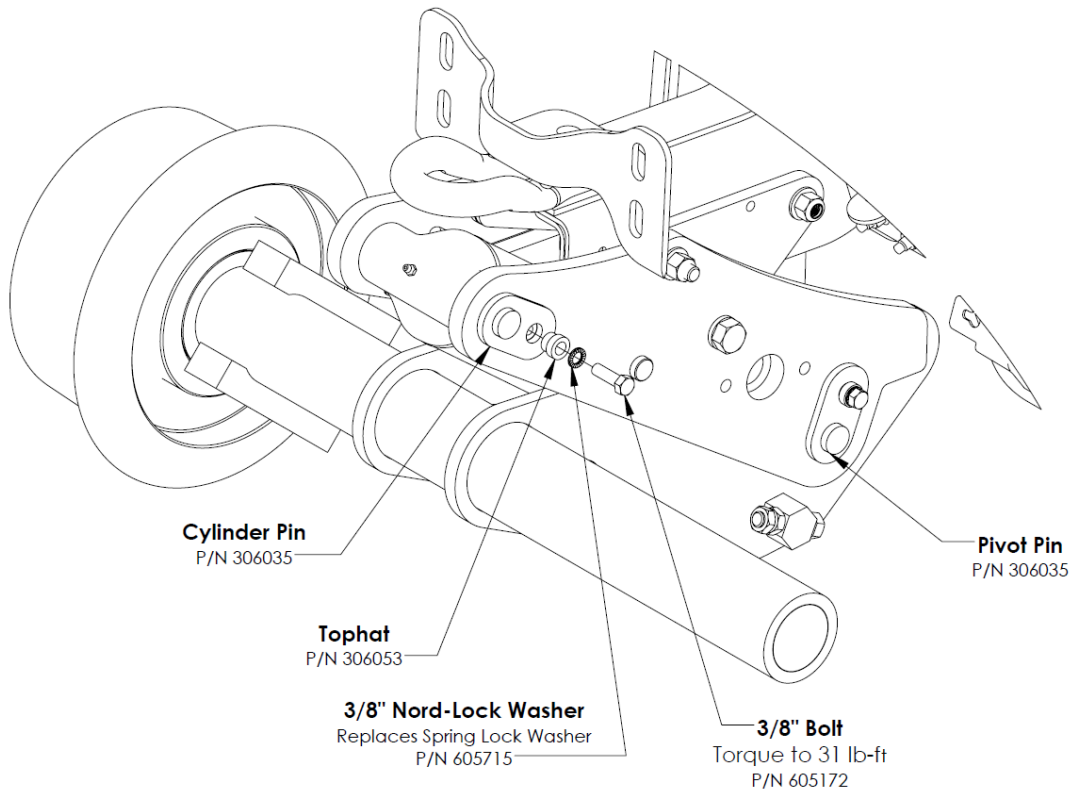


Figure 1. RW-1019B Front Pin Lock Washer Replacement – Ford & Ram

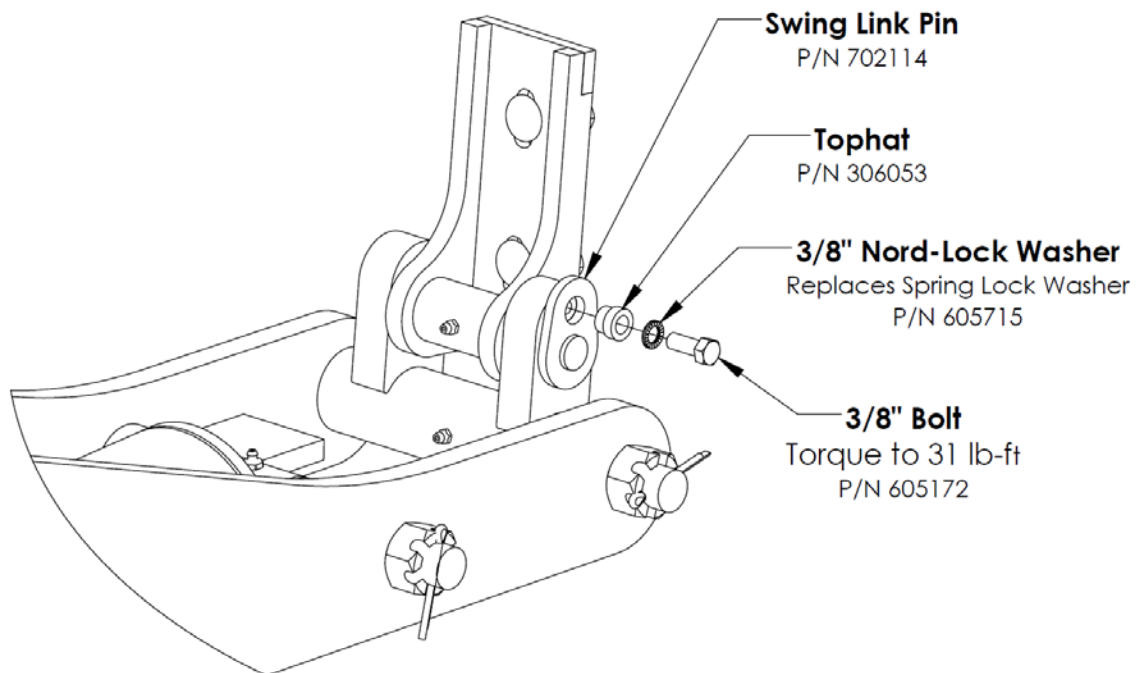


Figure 2. RW-1019B Front Pin Lock Washer Replacement – GM & International



Diversified Metal Fabricators Service Bulletin SB 2079

DMF will replace defective parts under DMF's warranty terms. DMF may require the return of affected parts to determine coverage.

Diversified Metal Fabricators

Phone: (404) 875-1512

Email: info@dmfatlanta.com

Web: www.dmfatlanta.com