



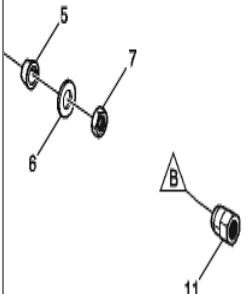
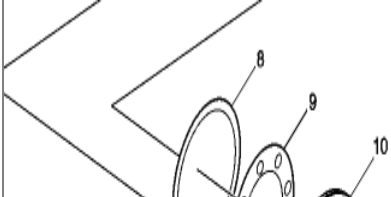
## Mack - Pre-Delivery Inspection (PDI) Torque Values 👍 🗨

This is to help with the torque specs needed to complete a Pre- Delivery Inspection (PDI).

**NOTE:** When verifying the component torque **DO NOT** loosen and retorque.

Using a torque measuring tool in the tightening direction, slowly apply force and tighten until the torque value below is achieved.

### Mack Conventional (AN,GR,PI)

Component	Torque	Web Link	
Axle Shaft Nuts	3-PC = 224 ± 7 Nm		
	iLOK = 244 ± 24 Nm		

🔗 Live UI

Front Axle U- Bolt	Leaf M20 = 505 Nm		
	Leaf M22 = 600 Nm		
	Air = 350 ± 20 ft. lbs.	<a href="#">Airtek Technical Procedure PDF (Hendrickson Website)</a>	
Drive Axle U- Bolts	Maxlite M20 = 500 Nm		
	Maxlite M22 = 575 Nm		
	Single Axle Leaf = 500 Nm		
	Single Leaf Mack Axle = 575 Nm		
	Primaax = 375 ± 25 ft. lbs	<a href="#">Primaax Technical Procedure PDF (Hendrickson website)</a>	
	HAS 7/8" = 425 ± ft. lbs.	<a href="#">HAS Technical Procedure PDF (Hendrickson website)</a>	
	HAS 3/4" = 290 ± 30 ft. lbs.		
Wheel Nuts	475 ± 25 ft. lbs.		

### Mack Cab Over (LR,TE)

Component	Torque
<input type="checkbox"/> Live UI Axle Shaft Nuts	3-PC = 224 ± 7 Nm

	iLOK = 244 ± 24 Nm
Front Axle U- Bolts	3/4" = 447 ± 13 Nm
	7/8" = 576 ± 34 Nm
Drive Axle U- Bolts	Single Axle Leaf = 500 Nm
	Single Leaf Mack Axle 575 Nm
Wheel Nuts	475 ± 25 ft. lbs

### Mack Medium Duty (MD)

Component	Torque
Front Axle U-Bolts	525 ± 25 Nm
Drive Axle U-Bolts	Leaf = 460 ± 25 Nm
	Air = 575 ± 50 Nm
Wheel Nuts	475 ± 25 ft. lbs

Axle Flange

**Figure 5.83**

**Table P: Shaft-to-Hub Torque Fastener Chart — Non-Tapered Dowel Applications**

Fastener	Thread Size	Torque Value — Grade 8 Nuts lb-ft (N·m)	
		Plain Nut	Locknut
Stud Nut, Axle Shaft	0.62-18	150-230 (244-312)	130-190 (203-258)
	0.75-16	310-400 (420-542)	270-350 (366-475)
Studs	All	Install the coarse thread end of the stud into the hub and tighten to the last thread.	

**Table Q: Shaft-to-Hub Torque Fastener Chart — Tapered Dowel Applications**

Fastener	Thread Size	Torque Value — Grade 8 Nuts lb-ft (N·m)	
		Plain Nut	Locknut
Stud Nut, Axle Shaft	0.44-20	50-75 (81-102)	40-65 (67-88)
	0.50-20	75-115 (115-156)	65-100 (102-136)
	0.56-18	110-165 (176-224)	100-145 (149-197)
	0.62-18	150-230 (244-312)	130-190 (203-258)
Studs	All	Install the coarse thread end of the stud into the hub and tighten to the last thread.	

## Categories

Make and Model > Mack > CXU/CHU/PI - Pinnacle

Make and Model > Mack > LR

Make and Model > Mack > MMD

Make and Model > Mack > LR Electric

Make and Model > Mack > MRU/TE - TerraPro

Vehicle System > Suspension and Steering

Make and Model > Mack > AN - Anthem

Make and Model > Mack > GU/GR - Granite

## Related links and attachments

No links or attachments available



## Feedback

[Give feedback](#) to help improve the content of this article