

Service Bulletin

ADZ Suspensions

ADZ Bolt Torque

March 2019

IMPORTANT: For proper installation and preventative maintenance of the ADZ Suspension, the following is recommended.

Dealer Pre-Delivery Inspection

It is recommended that the dealer check for proper torque of all connections prior to delivery of the truck to assure that connections are torqued to the recommend specifications listed in **Table 1**.

Customer Preventative Maintenance

All fasteners MUST be torqued after 5,000 miles (8,000 km), 100 Hours of Service, or 120 Days, whichever comes first. (Reference ADZ Series Maintenance Manual).

NOTE: Torque specifications listed in **Table 1** are with clean lubricated / coated threads Supplied by SAF-HOLLAND®.

IMPORTANT: The use of special lubricants with friction modifiers, such as Anti-Seize or Never-Seez®, without written approval from SAF-HOLLAND Engineering, will void warranty and could lead to over torquing of fasteners or other component issues.

General Information

1. The torque specifications listed in **Table 1** are applied to the nut and NOT the bolt unless otherwise noted.

WARNING Failure to properly torque all fasteners could result in component failure which, if not avoided, could result in death or serious injury.

2. Refer to vehicle OEM for torque specifications for vehicle frame fastener hardware.

ITEM	COMPONENT	FASTENER SIZE	TORQUE* ft-lb (Nm)
1	ADZ Pivot Connection	1-1/8"-7	634 (860)
2	Upper and Lower Shock Mount	3/4"-10	158 (214)
3	Upper and Lower Air Spring	1/2"-13	37 (50)
4	Upper Air Spring	3/4"-16	37 (50)
5	V-Rod Connection at Axle	1"-8	634 (860)
6	Axle Adapter Connection – Bar-pin	1"-8	634 (860)
7	Crossmember Wing Plates to Crossmember Channel	M20-2.5	340 (461)
8	V-Rod Bar Pin: SAF-HOLLAND (Repair Kits Only) Western Star (SAF-HOLLAND)	5/8"-11	158 (241) 200 (271)**
	V-Rod Bar Pin: Kenworth (OEM supplied hardware) Peterbilt (OEM supplied hardware) Volvo (OEM supplied hardware)	M16	140 (190) 175 (237) 203 (275)
9	Axle Adapter, Bolt-on	3/4"-10	280 (380)

* Torque Applied to nut unless otherwise noted.

**Torque requirement when applied to bolt head.

