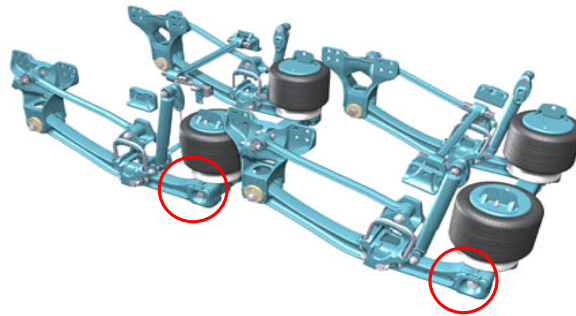




No: 97117-196
Subject: Primaax Main Beam – Cross Tube
End Cap Connection
Date: July – 2008 Revision A

Figure 1.



Reference A: Hendrickson Primaax Technical Bulletin 97117-109 of April 2008

BACKGROUND

Hendrickson Asia Pacific investigations have revealed that there have been instances of incorrect torque applied to the Primaax Suspension Main Beam and Cross Tube end cap bolts, highlighted at Figure One. Insufficient torque applied to the end cap bolt shall result in accelerated degradation of the end cap connection, place excessive load on the main beam, and as a consequence, significant failure of the main beam may occur.

DISCUSSION

To achieve maximum operational safety and durability of the Primaax Suspension, it is paramount that the correct torque is applied during assembly and thereafter monitored at the appropriate service intervals (detailed at reference A). It has been proven under the most severe field conditions, that if the end cap bolts are tensioned and serviced correctly, significant life of the suspension system can be achieved.

RECOMMENDATION

It is recommended that all vehicles fitted with Primaax Suspension are inspected for loose main beam and cross tube end cap bolts when next in Workshop. The correct torque is 710-780 N.m (525 – 575 ft. lbs). If the suspension has been operated with loose hardware connections, it is highly probable that continual loosening of the bolts, even after being re-tensioned to specifications, will occur. Effective repair may require replacement of the main beam, cross tube and fasteners.

PRIMAAX SUSPENSION – MAIN BEAM TO CROSS TUBE MAINTENANCE SCHEDULE

Serial	Interval	Kilometres	Action
(a)	(b)	(c)	(d)
1.	Original Equipment Manufacturer Installation	Nil	Torque all fasteners
2.	Pre-Delivery Inspection	Nil	Inspect and check torque of all fasteners
3.	Initial Dealer Service	4,500	Inspect and check torque of all fasteners
4.	25,000 Kilometre Service	25,000	Inspect Suspension System
5.	50,000 Kilometre Service	50,000	Inspect and check torque of all fasteners

Please ensure that this information is distributed to all relevant internal and external personnel

Information contained in this literature was accurate at the time of publication. Product changes may have been made after the publication date that are not reflected here