

INTRAAX SUSPENSION FIRST SERVICE INSPECTION SHEET

To be performed within 1 month or 5,000kms

DATE	TRAILER OEM	TRAILER VIN
TYPE OF TRAILER	DATE INTO SERVICE	KILOMETRES
CUSTOMER NAME	CUSTOMER ADDRESS	
AUTHORIZED REPAIRER	JOB NUMBER	SERVICE MANAGER SIGNATURE
SUSPENSION MODEL	ASSEMBLY NUMBER	AXLE SERIAL NUMBERS
		1 ST
		2 nd
3 rd	4 th	5 th

No	Service Operation	OK	Comments
1	Ensure trailer system pressure is set to 830 Kpa. (120 psi)		
2	Check suspension pneumatics for air leaks and all air piping is connected correctly according to Hendrickson's suspension schematic diagram and rectify if necessary.		
3	Check all suspension air lines for signs of hose chafing and rectify if necessary.		
4	Check suspension ride height is correct according to the suspension spec. Adjust, if necessary.		
5	Check all suspension bolt torques are to Hendrickson's recommended specifications. Refer to suspension torque chart.		
6	Verify all shear-type pivot and lower shock bolts have been sheared off correctly. Retighten lower shock bolts to 340 N.m (250 Ft/lbs)		
7	Check lower shock bolt and spacer for correct installation (top mount suspensions only) and rectify if necessary.		
8	<p>Articulate suspension through its entire travel and ensure adequate component clearances have been provided. Special attention should be paid to both the articulation and angle of the height control valve linkage.</p> <p>Verify that a minimum of 25mm clearance has been provided between the tyres and guards when the air has been completely dumped from the suspension.</p> <p>Verify that a minimum of 50 mm clearance has been provided from the inner tyre inside sidewall to the trailer structure to allow for lateral or fore/aft tire movement.</p> <p>Verify that a minimum of 25 mm clearance has been provided above the top of the tire when the suspension is fully compressed or in its FULL jounce position. Tyre clearance at Ride Height = Jounce Specification + 25 mm.</p> <p>Verify that a minimum of 25 mm clearance is maintained around the air spring when it is at its maximum diameter specification.</p>		
9	Rotate all wheels and check wheel bearings for free & quiet rotation, check lubricant level & leaks. Check/record wheel bearing endplay, adjust if necessary.		
10	Grease all S-Cam tubes. (brakes released)		

11	Grease all slack adjusters. (brakes released)		
12	Check/correct all drum brake slack adjusters free stroke and applied stroke and rectify if necessary.		
13	Check disc brake running clearance and rectify if necessary.		
14	Check/correct all tyre pressures are set to the tyre manufacturer's recommended pressure settings for the trailers maximum operating axle weights.		
15	Check/correct suspension wheel alignment.		