

T.A.T.E.S (NZ) LIMITED

TRUCK & TRAILER EQUIPMENT & SPARES (NZ) LTD



PHONE: 09 299-7777 FAX: 09 296-6777 ADDRESS: 5 BERLANE PL PAPAURA

LCT/9008/KMX DISC BRAKED FIRST SERVICE INSPECTION FORM **TO BE COMPLETED WITH SUSPENSION FIRST SERVICE**

| | | |
|-----------------------|-----------------------------|----------------------------|
| <u>DATE:</u> | <u>TRAILER REGO NUMBER:</u> | <u>FLEET NUMBER</u> |
| <u>SERVICE AGENT:</u> | <u>MECHANIC:</u> | <u>TRAILER VIN NUMBER:</u> |

| | | |
|---|------------------|---|
| 1 | PNEUMATIC SYSTEM | Check operation of brake system and that it is piped correctly. (refer installation instructions) Check for air leaks and rectify if necessary |
| 2 | HUB | Check that the hub rotates freely and that there is no bearing / hub movement (wheel rock) |
| 3 | BRAKE CHAMBERS | Check torque & that the bottom most plug has been removed Brake Chamber Torque 180-210Nm 130-155 ft-lbs |
| 4 | HUB ON HUB CAP | Check that the hubometer is fixed and sealed correctly to the hub cap if not using ROR hubo cap |
| 5 | CALIPER | Check that the manual adjustor cavity is filled with grease and the cap is in place, Check caliper slides freely |
| 6 | HUB CAP BOLTS | Check that the hub cap bolts have not been over torque and damaged the hub gasket Hub cap bolt torque 15Nm 11 ft-lbs |
| 7 | WHEEL NUT TORQUE | Check that the wheel nuts are torqued correctly Alloy Wheels 700Nm 500 ft-lbs Steel Wheels 750Nm 550 ft-lbs |

IMPORTANT

ArvinMeritor™

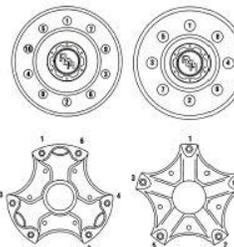


TRAILER AXLES

WHEEL NUT TORQUE

| Wheel Fixing Type | Nm | Torque lbf ft |
|----------------------------|------------|----------------|
| Spoked Hub & Rim 3/4" UNC | 275/350 Nm | 200/260 lbf ft |
| BSF Steel Wheel 7/8" BSF | 550/600 Nm | 400/450 lbf ft |
| ISO Steel Wheel M22 | 700/750 Nm | 500/550 lbf ft |
| ISO Alloy Wheel M22 | 650/700 Nm | 475/500 lbf ft |
| Sieved Nut Alloy Wheel M22 | 650/700 Nm | 475/500 lbf ft |

Wheel Nut Tightening Sequence



ISO or hub piloted wheel fixing relies on clamp force. Therefore wheel and hub mounting faces must be cleaned of paint, grease, dirt and highspots.
Recheck nut torques within the first 50-100km on a new vehicle.



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For further service information contact Tates (NZ) Ltd
Ph: 0-9-299 7777 Fax: 0-9-297 7666