

**Every 3 Months or 5,000 Miles****Air Drum Brakes**

Lubricate S-Cams	See Meritor Cam Brakes Appendix in Air Brakes Chapter of Service Manual for guidelines.
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Air Intake System

Remove and Inspect Air Cleaner Filter Element	Inspect for proper seating and secure lid. Replace if soiled, wet, torn or otherwise damaged. Ensure proper installation and seal. Clean any debris from filter housing.
Inspect Air Compressor Inlet Lines and discharge lines.	Inspect for tightness, wear or other damage.
Inspect Air Intake Tract Tubing	Inspect for signs of contaminate infiltration, loose clamps, wear spots, holes in piping.
Inspect & Tighten Intake Tract clamps and connections.	Refer to proper service publication for torque requirements.

Charge Air Cooling System

Inspect Charge Air Cooling Tract	Inspect for signs of contaminate infiltration, loose clamps, wear spots, holes in piping.
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Driveline

Lubricate Driveshaft Slip Joint	Grease meeting NLGI Grade #2 grease specifications.
Lubricate Driveshaft U-Joint Bolts	Grease meeting NLGI Grade #2 grease specifications.
Inspect & Tighten Driveshaft U-Joint Bolts	Tighten to 45-50 ft-lbs.

Electrical

Inspect Alternator Connections	Inspect for loose wires, damaged terminals, damaged insulators.
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Fuel System

Inspect Fuel Lines	Inspect for leaks or signs of abrasion.
Inspect Fuel Tank Vent	Inspect for obstruction.

Hydraulic Disc Brakes

Lubricate Callipers	Inspect for signs of leakage or physical damage.
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Steering

Lubricate Axle Steering Linkage Drag Link	NLGI #2 EP multipurpose grease rated GC-LB or equivalent.
Lubricate Axle Steering Linkage King Pins	NLGI #2 EP multipurpose grease rated GC-LB or equivalent.
Lubricate Axle Steering Linkage Tie Rod Ends	NLGI #2 EP multipurpose grease rated GC-LB or equivalent.
Lubricate Intermediate Shaft Universal Joints	Lubricate with multipurpose grease.
Lubricate Intermediate Steering Shaft Slip Joint	Lubricate splines with multipurpose grease.



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TROUBLESHOOTING GUIDE

193

CONDITION	POSSIBLE CAUSE	CORRECTION
Tie rod ends are worn and require replacement	Tie rod ends need lubrication	Lubricate tie rod end. Make sure lubrication schedule is followed.
	Severe operating conditions	Increase frequency of inspection and lubrication intervals.
	Damaged boot on tie rod end	Replace tie rod end.
Bent or broken cross tube, tie rod end ball stud or tie rod end NOTE: Damaged components require replacement	Pump/gear relief valve pressure setting exceeds system specifications	Adjust power steering system to manufacturer's specified pressure.
	Steering gear poppets improperly set or malfunctioning	Check for proper operation or adjust poppets to OEM specifications.
	Axle stops improperly set	Set axle stops to OEM specifications.
	Severe duty cycle service	Increase frequency of inspection and lubrication intervals.
Worn or broken steering ball stud	Drag link fasteners lightened past specified torque	Tighten drag link fasteners to the specified torque.
	Lack of lubrication or incorrect lubricant	Lubricate linkage with specified lubricant.
	Power steering stops out of adjustment	Adjust steering stops to OEM specifications.
Suspension has harsh or bumpy ride	Air spring not inflated	Check air supply to air spring, repair as necessary.
	Air spring ride height out of specification	Adjust ride height to proper specification.
	Broken or worn leaf spring	Replace leaf spring.
	Front suspension overloaded	Redistribute steer axle load.
Restricted steering radius	Steering stops not adjusted correctly	Adjust steering stops to achieve correct wheel cut.
Vehicle leans	Ride height incorrect	Adjust ride height to specification.
	Air spring(s) are not inflated	Repair source of air pressure loss.
	Suspension is not torqued correctly at installation	Perform spring eye re-torque procedure. See Torque Specification Section of this publication.
	Leaf spring broken	Replace leaf spring.
	Excessive weight bias	Contact the vehicle manufacturer or Hendrickson Tech Services.
Vehicle wanders	Caster out of specifications	Set proper ride height then adjust caster to specification.
	Incorrect toe setting	Adjust toe to specification.
	Fifth wheel not greased	Grease fifth wheel.
	Air in the power steering system	Remove air from the power steering systems.
	Rear ride height out of adjustment	Adjust ride height to specification.
	Front ride height out of adjustment	Adjust ride height to specification.

