

# Trailer Suspensions



## DOCKMASTER SLIDER SUSPENSION

### Visual Inspection

1. Check for loose or missing fasteners.
2. Check for Cracks in hangers, trailing arms and axle connection.
3. Check air springs for abrasions and punctures.
4. Check torque on pivot bolts and shock bolts.

### Torque Requirements

1. Tighten NUT side of pivot bolt to 400-425 ft lbs (542-576 Nm).
2. Tighten BOLT HEAD side of pivot bolt to 700-750 ft lbs (949-1017 Nm).
3. Tighten the Rey-Align to 60 ft lbs (81 Nm).
4. Tighten the shock absorber bolts to 175-200 ft lbs (237-271 Nm).
5. Tighten the upper 1/2" air spring nuts to 25-30 ft lbs (34-41 Nm).
6. Tighten the upper 3/4" spring retainer nuts to 25-30 ft lbs (34-41 Nm).
7. Tighten the lower 3/8" spring retainer nuts to 15-20 ft lbs (20-27 Nm).
8. Tighten 1/4" air valve linkage nut to 5 ft lbs (7 Nm).

### Recommended Maintenance Schedules

1. Perform pre-service visual inspection (as outlined above).
2. Perform visual inspection after 1,000 - 3,000 miles (1609-4828 Km).
3. Perform visual inspection and Preventive Maintenance inspections, concurrent with DOT "C" inspections, annually.
4. Perform visual inspection during the replacement of any service parts.
5. Perform visual inspection upon discovery of any loose components.

If any of the above defects are noted, have vehicle checked by a qualified mechanic. Torque values are specified with clean, lightly oiled fasteners, and should only be verified with a calibrated torque wrench. Failure to follow these instructions could void the warranty and could result in subsequent injury.

Lb-ft = Foot - Pounds; Nm = Newton - Meters

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