

SMOOTH OUT THE TOUGHEST ROADS

At Load Trail, we are committed to providing only the best, premium quality components on the market for our trailers. That's why the Dexter Heavy Duty Suspension System is standard on every Load Trail with 10,000 - 16,000 lb axle configurations. Just like a Load Trail, this suspension system is built tough to work as hard as you do. It is built to be balanced, easily adjusted, and withstand heavy loads.



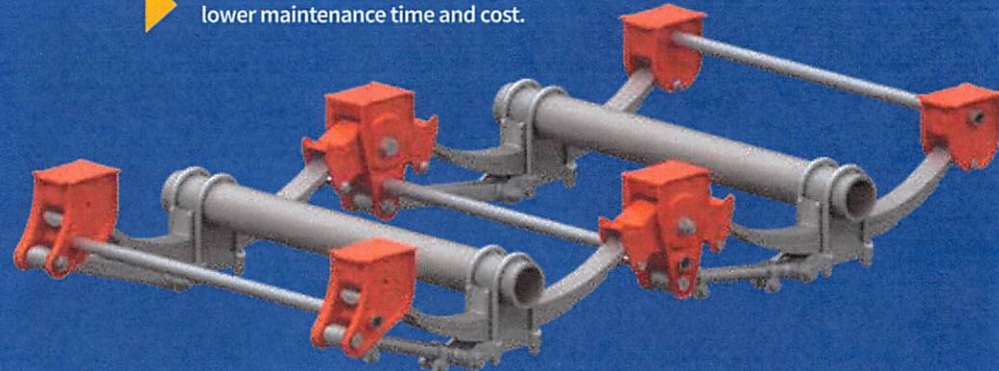
HDSS™
SUSPENSION SYSTEM



- ▶ Provides the ability for axle alignment through the adjustable trailing rods reducing dog tracking and increasing tire life.
- ▶ Double slipper springs for better tracking and less maintenance.
- ▶ 5-year limited warranty on suspension system combined with original Dexter axles.

- ▶ Heavy duty mechanical suspension designed for axles from 10,000 to 25,000 lbs. in tandem sets.
- ▶ Heavy duty hangers and equalizers are made from high yield fabricated light weight steel resulting in a lighter more durable trailer suspension.
- ▶ Industry standard 49.00" axle spacing provides better load balance and trailer stability.

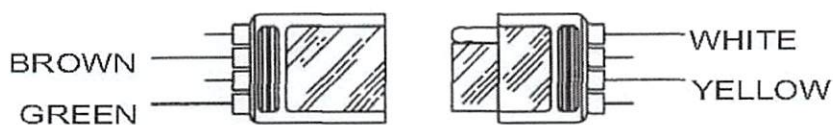
- ▶ Extended life equalizer bushing leads to lower maintenance time and cost.





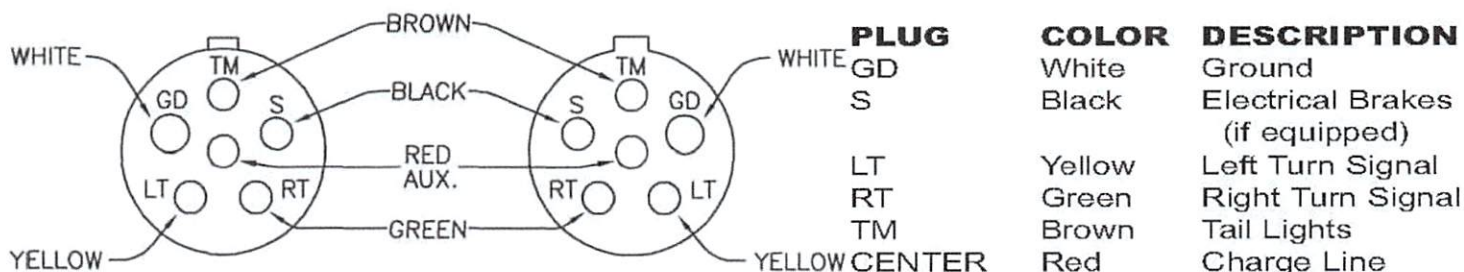
ELECTRICAL CONNECTORS

4 PIN CONNECTOR



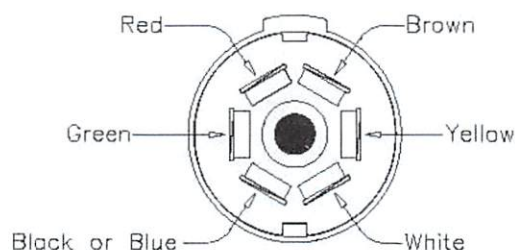
COLOR	DESCRIPTION
Brown	Tail Lights
Green	Right Turn
White	Ground
Yellow	Left Turn

6 PIN CONNECTOR



NOTE: Identify contacts by looking into the open end of plug or socket.

7 PIN CONNECTOR



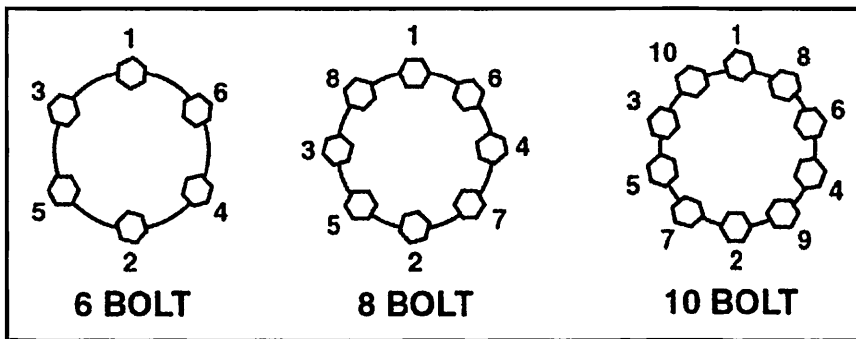
COLOR	DESCRIPTION
White	Ground
Black	Electrical Brakes (if equipped)
Yellow	Left Turn Signal
Green	Right Turn Signal
Brown	Tail Lights
Red	Charge Line

INSPECTION, SERVICE & MAINTENANCE

WHEEL TORQUE REQUIREMENTS

9,000 lb. to 15,000 lb. Axles

DESCRIPTION	PART No.	APPLICATION	TORQUE MIN. FT. LBS.	TORQUE MAX. FT. LBS.
$\frac{5}{8}$ -18 90° Cone Nut	006-109-00	Clamp Ring 033-052-01	190	210 - Greased Threads
$\frac{3}{4}$ -10 Hex Nut	006-117-00	Demountable Rim Clamp	210	260
$\frac{3}{4}$ -16 Spherical Nut	006-064-01, 02 006-069-01, 02	Single Wheel Inner Dual	450	500
$1\frac{1}{2}$ -16 Spherical Nut	006-070-01, 02	Outer Dual	450	500
$\frac{5}{8}$ -18 Flange Nut	006-058-00	Wheels	275	325
M22-1.5	006-118-00	Swiveling Flange Nut	450	500



⚠ CAUTION

Proper matching of the tire/wheel combination is essential to proper function of your trailer running gear. Some tires may call for a maximum inflation pressure above the rim or wheel capacity. **DO NOT EXCEED MAXIMUM INFLATION PRESSURES FOR RIMS OR WHEELS.** Catastrophic failure may result.

WHEEL TORQUE REQUIREMENTS

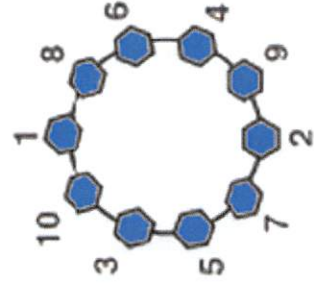
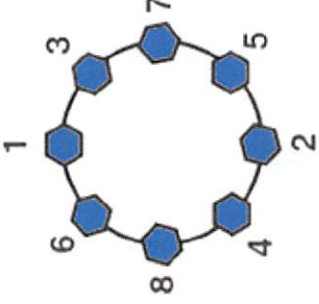
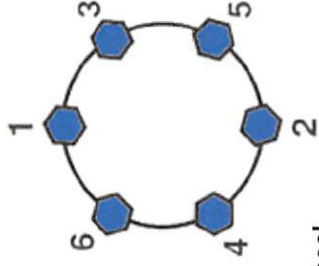
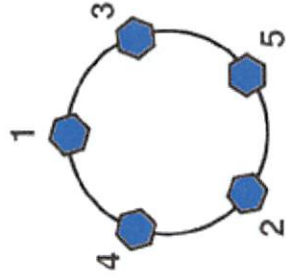
LOADTRAIL

1. Start all bolts or nuts by hand to prevent cross-threading

2. Tighten bolts or nuts in the sequence shown for wheel torque requirements.

3. Tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners per wheel torque requirements diagram.

4. Wheel nuts/bolts should be torqued before first road use or after each wheel removal. Check and re-torque after the first 10 miles, again at 25 miles, and again at 50 miles. Check periodically thereafter.



5,200 lb. - 8,000 lb. Axles

9,000 lb. - 15,000 lb. Axles

WHEEL SIZE	1st STAGE	2nd STAGE	3rd STAGE	DESCRIPTION	PART No.	APPLICATION	TORQUE MIN FT. LBS.	TORQUE MAX FT. LBS.
12"	20-25	35-40	50-75	5/8-18 90°	006-109-00	clamp ring 033-052-01	190	210 greased threads
13"	20-25	35-40	50-75	3/4-10 hex nut	006-117-00	dismountable rim clamp	210	260
14"	20-25	50-60	90-120	3/4-16 spherical nut	006-064-01, 02 006-069-01, 02	single wheel inner dual	450 450	500 500
15"	20-25	50-60	90-120	1 1/8-16 spherical nut	006-070-01, 02	outer dual	450	500
16" w/1/2" studs	20-25	50-60	90-120	5/8-18 non-swiveling flange nut	006-058-00	wheels	275	325
16" w/9/16" studs	20-25	80-90	140-170	5/8-18 swiveling flange nut	006-209-00	wheels	150	175
17.5" hub pilot 5/8" flange nut	50-60	90-200	275-325	M22-1.5	006-118-00	swiveling flange nut	450	500
17.5" hub pilot 5/8" swivel flange nut	50-60	60-110	150-175					