

PT150



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For the complete and most current information, contact:

Hogg & Davis, Inc
P.O. Box 405 / 3800 Eagle Loop
Odell, OR 97044-0405
541-354-1001
541-354-1080 Fax
www.hoggdavis.com

PT150 Pole Trailer

Product Warnings

⚠ DANGER

**AN UNTRAINED OPERATOR
SUBJECTS HIMSELF AND
OTHERS TO**

DEATH OR SERIOUS INJURY

**YOU MUST NOT OPERATE
THIS MACHINE UNLESS**

- You have been trained in the safe operation of this machine.
- You have read, understand and follow the safety and operating recommendations contained in the machine manufacturer's manuals, your employer's work rules and applicable government regulations.
- You are sure the machine is operating properly and has been inspected and maintained in accordance with the manufacturer's manuals.
- You are sure that all safety signs, guards and other safety features are in place and in proper condition.

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⚠ WARNING




**Escaping fluid under pressure
can penetrate skin causing
serious injury.**

Relieve pressure before disconnecting hydraulic lines. Keep away from leaks and pin holes. Use a piece of cardboard or paper to search for leaks. Do not use your hand.

Fluid injected into skin must be surgically removed within a few hours by a doctor familiar with this type injury or gangrene will result.

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LOAD WEIGHT REFERENCE		
DOUGLAS FIR POLES		
POLE LENGTH FEET	ASA SIZE CLASS	WEIGHT POUNDS
35	5	570
40	5	700
45	4	980
50	4	1150
55	3	1540
60	1	2290
65	1	2590
70	1	2900
75	1	3230
80	1	3580



⚠ WARNING



**KEEP HANDS
CLEAR**



P/N D30042



**HYDRAULIC
FLUID ONLY**

D30010

These warning labels and others like it are placed in critical areas of the machine. The warnings are to be read and fully understood prior to operation of the unit.



***PT150
Pole Trailer***

PT150-S



PT150-L



PT150-T



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***PT150
Pole Trailer***

General Specifications

Model

Item	S	L	T
Capacity: 14,000 lbs.	●	●	●
Single Axle 16,000GVWR	●	●	●
Brakes 12-1/4" x 5" 12v Electric	●	●	●
12" x 3-1/4" vac. or air Hyd.	○	○	○
12-1/4" x 5" Air	○	○	○
Tires 10R17.5/14 Ply	●	●	●
Wheels 17.5 x 6.75	●	●	●
Hydraulic Actuated Idler Wheel with Pump	●	●	●
Bolster Chock with Winch	●	●	●
Over-Center Lead Pole Binder	●	●	●
Cargo Trays	○	○	○
Wheel Chocks (4)	●	●	●
All LED Marker, S/T/T Lights	●	●	●
Fenders and Mud flaps	●	●	●
Taillight Extension Outlet	●	●	●
Overall Width	96"	96"	96"
Overall Length (Retracted)	11'3"	22'	15'4"
(Extended)	N/A	N/A	23'4"
Distance Between Bolsters	70"	70"	70"
Height at Bolsters	45"	45"	45"

●=Standard
○=Optional
S=Short
L=Long
T=Telescoping

PT150 Pole Trailer

All persons operating this machine must read and understand this manual as well as the operating, danger and warning decals placed on the machine. Failure to read and understand these items subjects the operator and others to **DEATH or SERIOUS INJURY**.

Operators shall make themselves familiar with the placement of the following operating and safety features of the machine.

- Trailer Tie Downs (1)
- Bolster Chocks (2)
- Center Pole Binder (1)



The **PT150** series of pole trailers brings the pole trailer up to modern standards by combining functional, durable, safe and attractive construction features in its design. The three trailers in this series features a **short drawbar (S)**, **long rigid drawbar (L)** and **telescoping drawbar (T)**. Each provides a rugged 14,000 pound payload capacity that will provide many years of service for your requirements.

PT150 Pole Trailer



CENTER POLE BINDER – A unique feature of Hogg & Davis Inc. is the built in **over center chain binder** for the lead pole. Providing solid holding of the center pole allows greater load integrity and towing confidence. Successfully used for over 30 years by Hogg & Davis Inc. this feature helps the PT150 stand above the competition.



BOLSTER CHOCKS – Bolster chocks that don't get lost. We feature bolster chocks with built in winches that cannot fall off the bolsters. Each chock is attached permanently but easily moves around the end and down under and out of the way if necessary. **Fifteen feet of 3/8"** cable provides plenty of tie down capability for the fullest loads.



PUMP – The sturdy manual **hydraulic pump** is located at the curbside of the trailer. Easily accessible, even with a full load of poles, the pump actuates the hydraulic idler wheel for easy hitch adjustment for hook up. (Each trailer is provided with four wheel chocks, as seen behind the pump)

PT150 Pole Trailer



Idler Wheel – Setting the PT150 apart from the competition is its unique hydraulically actuated **Idler Wheel**. The double A-frame mounted assembly provides 360° swivel and ease of motion with its bearing mounted caster. The hydraulic pump is easily accessible at the curb side of the unit. Dual coil springs retract the wheel for towing.



Cargo Trays – Optional removable cargo trays allow the PT150 to carry the hardware needed when the jobsite is reached. The trays are 62" long by 18" wide and 6" deep and bolt securely in place. Cut out type handles provide easy handling. Use one or both, these cargo trays provide plenty of room for hardware, insulators, connectors, etc., that you will need on the job.

PT150 Pole Trailer

PT150 OPERATING INSTRUCTIONS

When loading poles the following procedures should be followed:

1. Load tongue pole first. Use a straight pole that is in good condition. This pole will become the trailer tongue.
2. Use the built in over center chain binder to secure the tongue pole. Raise the binder lever to put the maximum slack in the chain. Bring chain across the top of the pole and hook into chain eye. Hook chain as tightly as possible. Pull down on binder lever to bind the pole solid into bolster.
3. Use cable winches for holding other poles tight to the tongue pole.
4. Attach pole muzzle to lead end of tongue pole. The body of the pole muzzle must be on the underside of the pole. Snubbing chain should be hooked as tightly as possible and tightened with screw adjustment. Choker chain should be over the pole and attached to lead chain running back along pole to trailer. Chain binder or chain hoist should be used to take slack out of choker and lead chain.

LUBRICATION AND MAINTENANCE

This unit has no set PM schedule. This unit should be visually inspected prior to each use while repairing all discrepancies prior to use.

Items to be inspected prior to use are:

- Pintle eye (excessive wear)
- Safety Chains (wear / damage)
- All welds and seams
- Loose or missing fasteners (bolts, nuts, set screws)
- Loose or leaking hydraulic hoses
- Damages or worn hydraulic hoses
- Tires and trailer brakes
- Hydraulic system fluid levels.



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Drawbar inspection

- Regularly inspect the drawbar for wear and damage. If wear exceeds 1/8", replace the drawbar eye.
- Check all drawbar mounting fasteners for proper torque
- Do not modify or add to the product
- Do not weld on this product without written permission from the factory
- Be sure the drawbar size is compatible with the coupling device on the tow vehicle
- Do not damage the coupling components. Be particularly careful during coupling and uncoupling
- Inspect the coupling device on the tow vehicle for proper locking prior to use
- Consult OSHA and DOT regulations and American Trucking Association guidelines for complete operating procedures.



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PT150 Pole Trailer

15-15 Warranty

Hogg and Davis, Inc. warrants its trailers against defects in material or workmanship for period of 15 months from the date of shipment from Hogg and Davis, Inc. (see General Conditions & Exceptions). Hogg and Davis, Inc. will replace, free of charge, F.O.B. Hogg and Davis, Inc. factory, such parts or parts thereof, that in their judgment have proven defective. Additionally, Hogg and Davis, Inc. will pay reasonable and customary labor charges when defective part is replaced, installed or repaired by a fully authorized Hogg and Davis, Inc. trailer dealer at his facility.

Warranty credit will be issued only upon receipt and inspection of defective parts of at the Hogg and Davis, Inc. factory.

Hogg and Davis, Inc. warrants its trailer main frame assemblies (except pintle eyes or other to wing attachments, spindles and axles) against defects in material or workmanship for a period of **15 years** from the date of shipment from Hogg and Davis, Inc. (see General Conditions & Exceptions). Hogg and Davis, Inc. shall replace or repair, in a manner as it shall determine, free of charge, F.O.B. factory, any parts or parts thereof, that in its judgment have proven defective. Additionally, Hogg and Davis, Inc. will pay reasonable and customary labor charges when defective part is replaces, installed or repaired by a fully authorized Hogg and Davis, Inc. trailer dealer at his facility

General Conditions & Exceptions

All warranties, options and representations made herein shall apply only provide such equipment shall not have been subject to misuse, negligence or accident and has been operated in accordance with factory approved procedures. This warranty does not obligate Hogg and Davis, Inc. or its authorized dealers to bear the cost of parts obtained from or labor performed by unauthorized sources. Nor does it obligate Hogg and Davis, Inc. **or its** authorized dealers to bear the cost of transportation of parts or equipment for repair or **replacement purposes**. This warranty is in lieu of any other warranty, expressed **or implied**, or any other obligation or liability on the part of Hogg and Davis, Inc and no persons or entity is authorized to make any representation beyond those stated herein.

Hogg and Davis, Inc. shall not be held liable for consequential damage of any kind. Hogg and Davis, Inc. also reserves the right to make changes and improvements in its products without incurring any obligation to install any such charges or improvements upon its products previously manufactured.

The above warranty shall not be misconstrued to mean warranty of tires, clutch, transmission assemblies or customer requested accessory equipment other than the warranty extended by their respective manufactures to Hogg and Davis, Inc. In addition, friction, drive rollers are warranted only to extent of bonding failure. All warranties, options and representations made herein are applicable to the original end-user of the product and are not sellable or transferable in any manner.



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Parts and other manufacturer manuals

The Following drawings are for part identification only. Please reference the unit V.I.N. number and the corresponding part number when ordering.

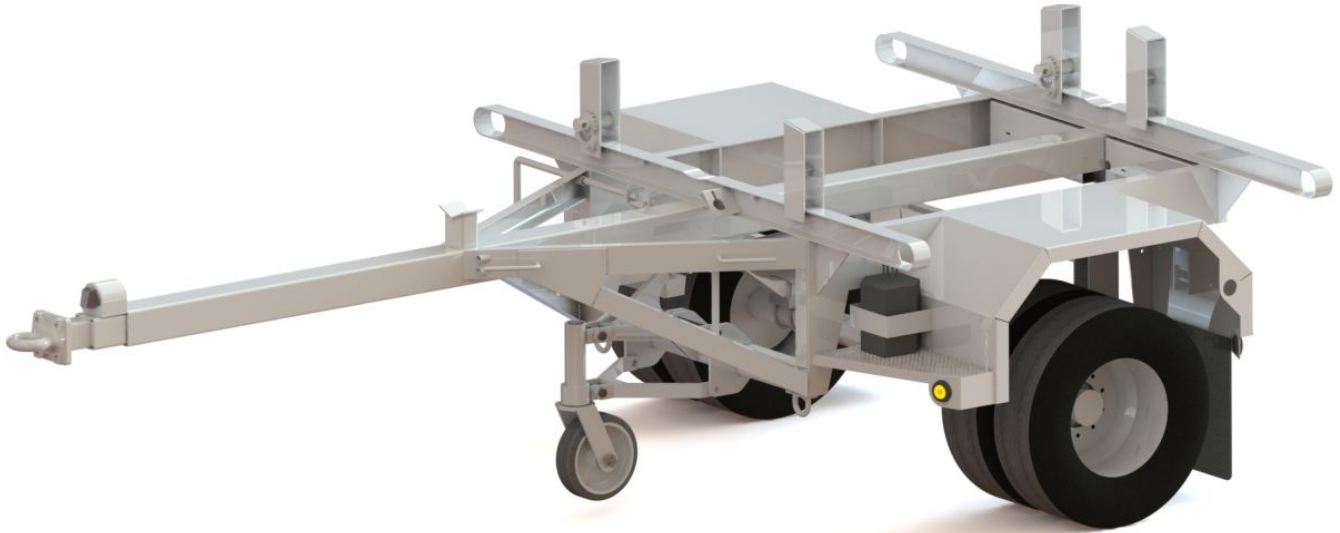
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PARTS MANUAL



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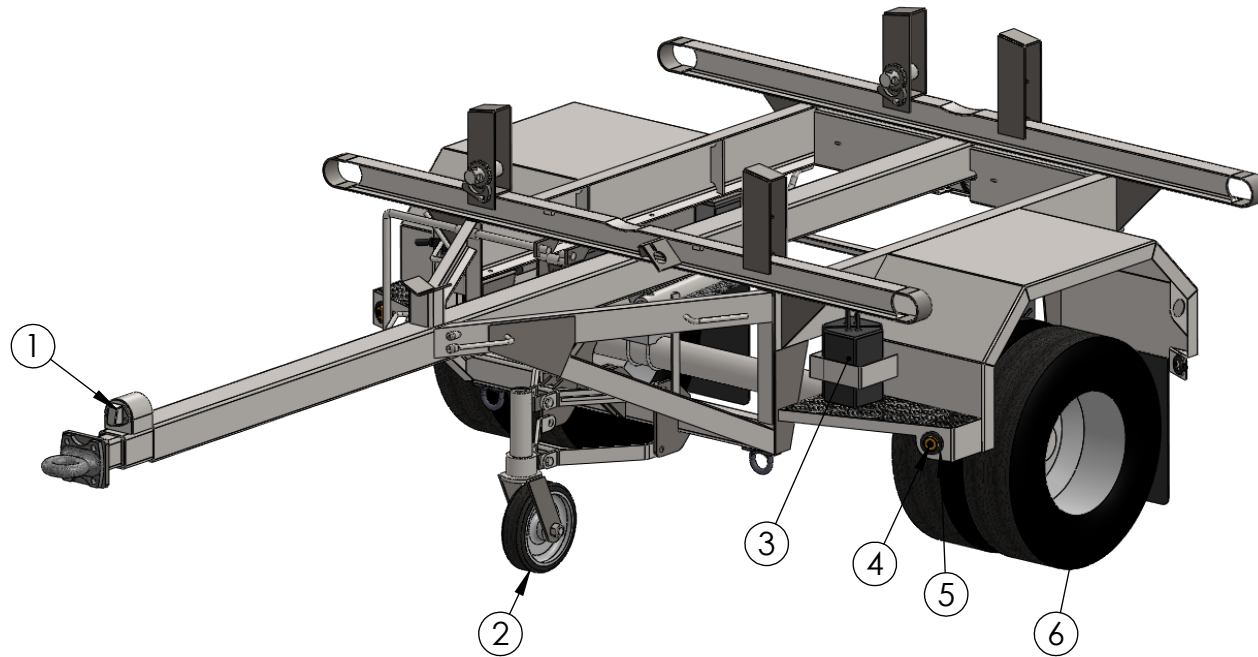
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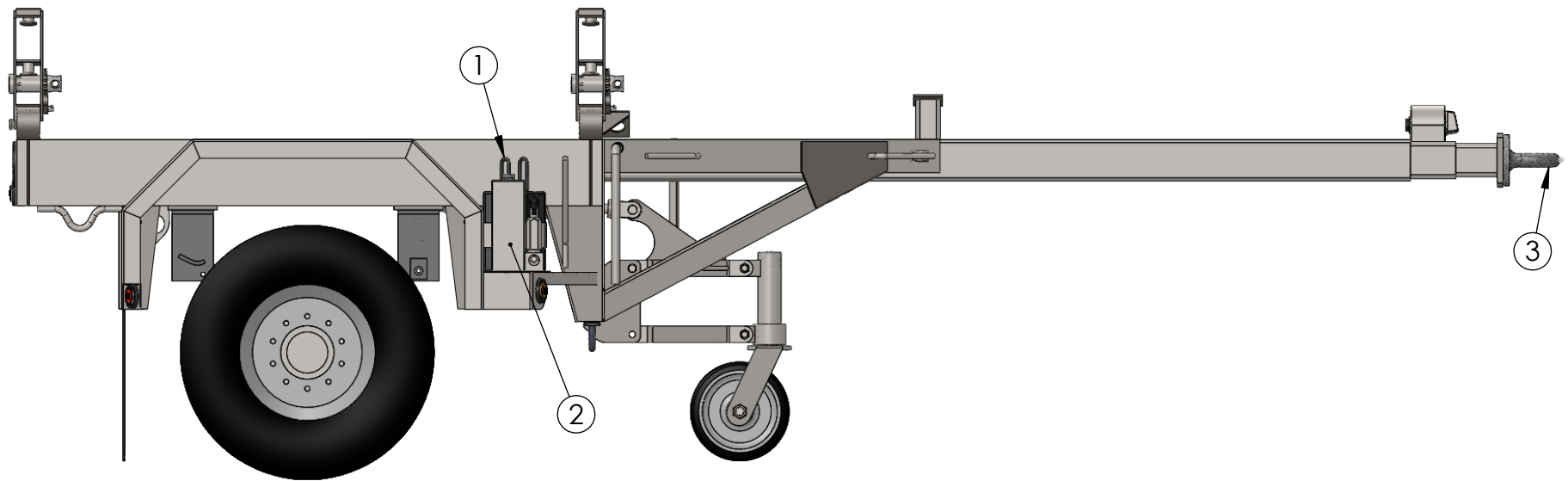
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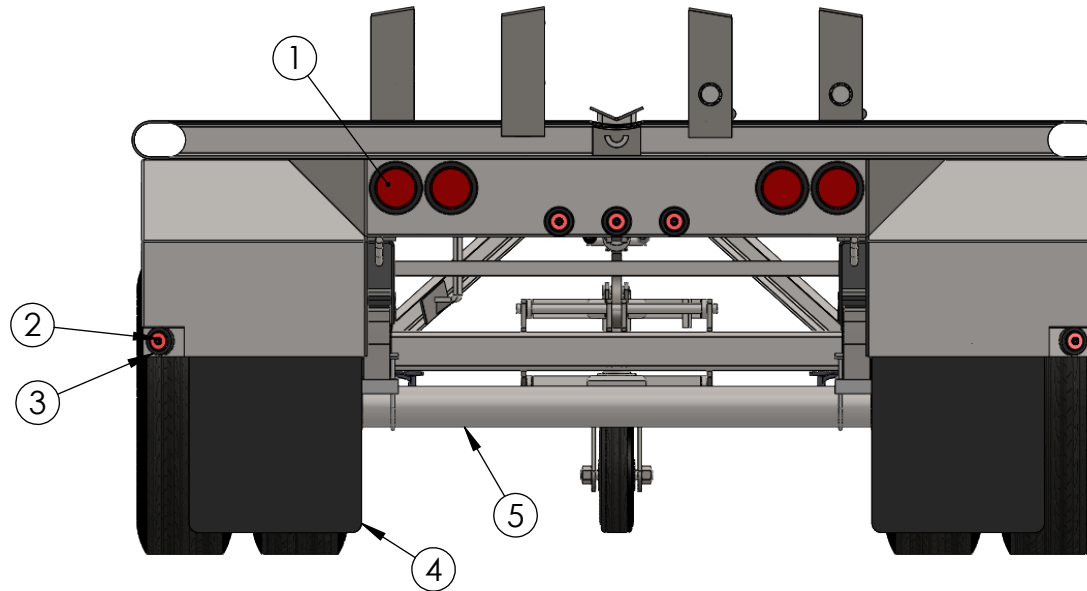
<i>PT150-L</i>	1
<i>PT150-S</i>	4
<i>PT150-T</i>	7
<i>Idler Wheel</i>	10
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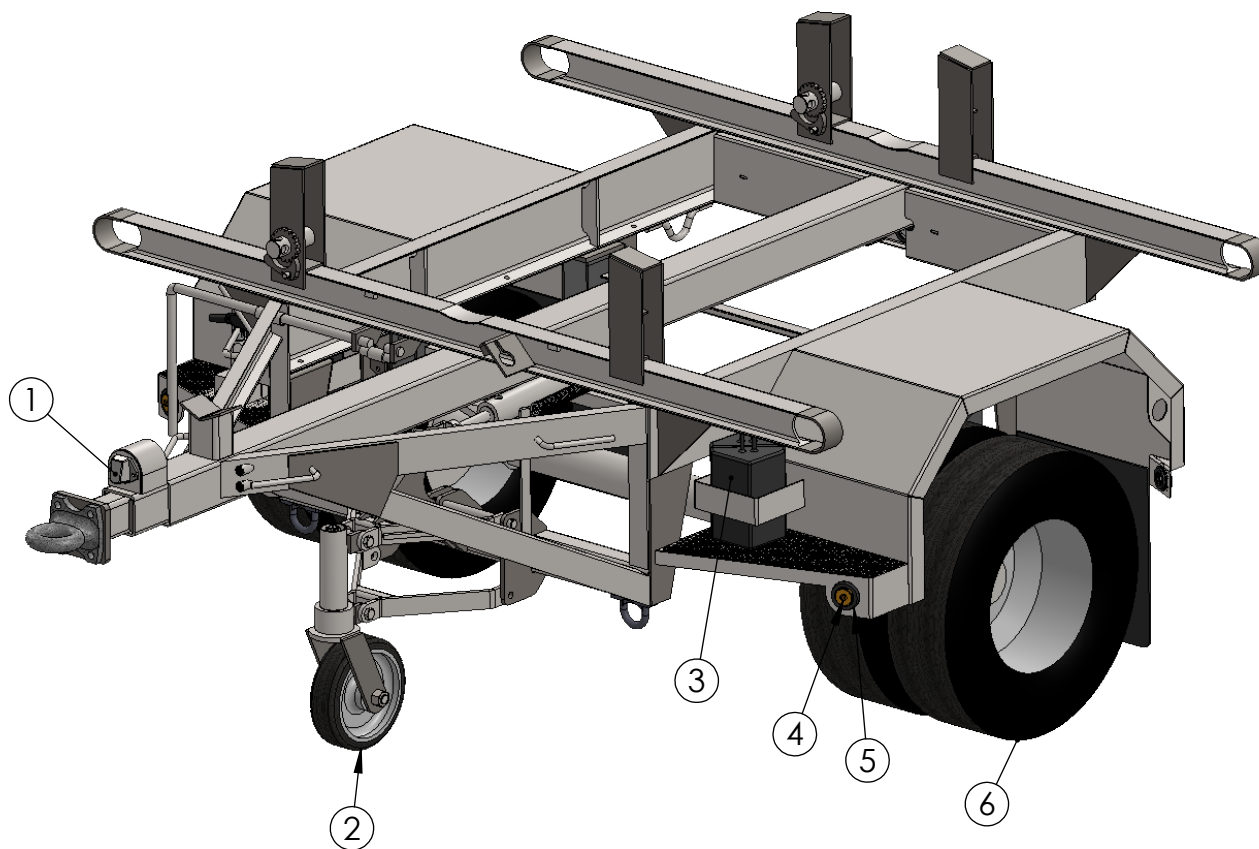
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	S21035	Socket 7-wire Pollak	1
2	PT Idler Wheel	See Idler Wheel Sheet	1
3	C12005	Wheel Chock	4
4	L04311	Light Amber 2" LED	2
5	G08005	Grommet 2" Light	7
6	W03950	Wheel Dual 17.5 x 6.75	4



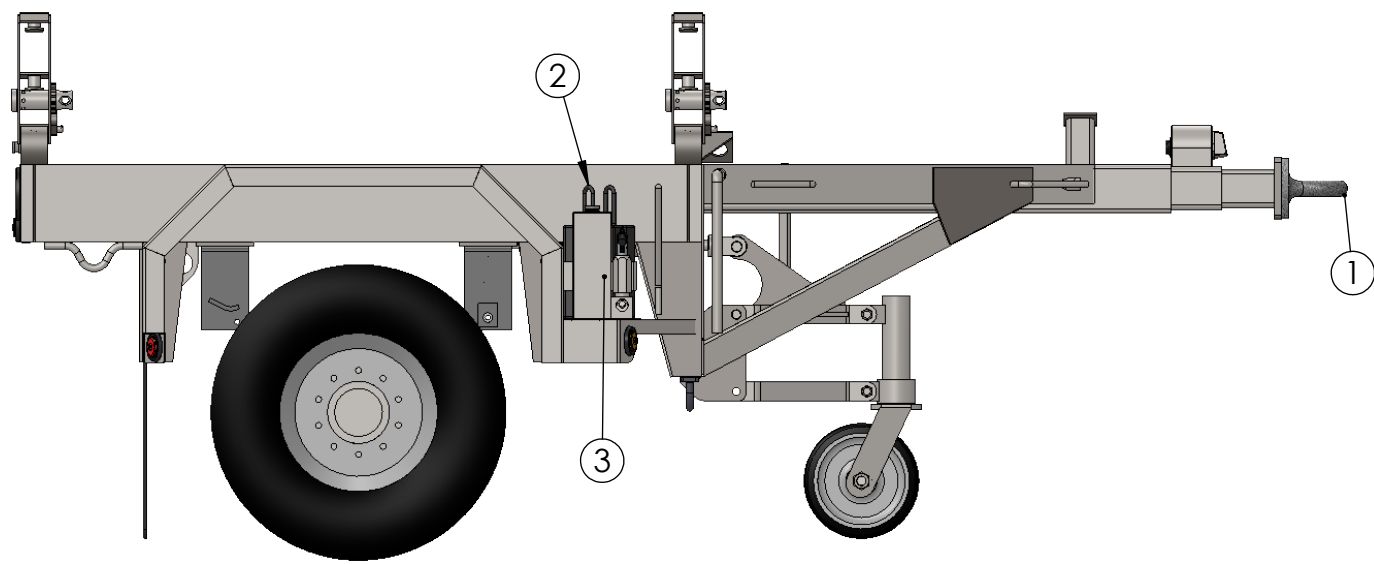
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	C12005	Wheel Chock	4
2	P20015	Pump Single Stage w/Resvr	1
3	E04017	Eye, Pintle	1



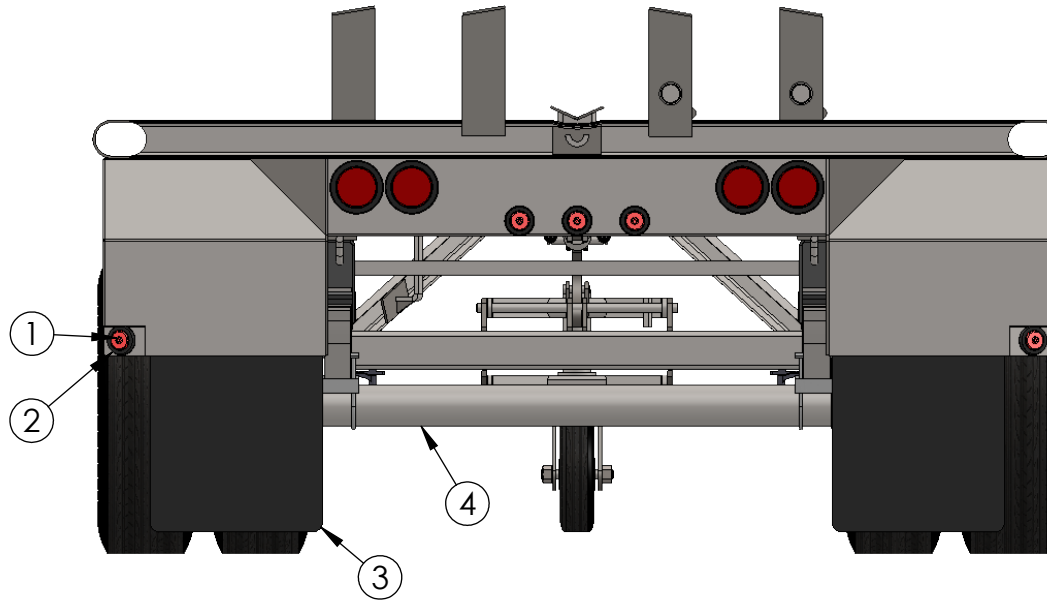
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	L04032	Light, 4" Tail/Stop/Turn Kit LED	4
2	L04310	Light Red 2" LED	5
3	G08005	Grommet 2" Light	7
4	F10030	Flap, Mud 18" x 20"	2
5	A07098	Axle Assy 16K Electric	1



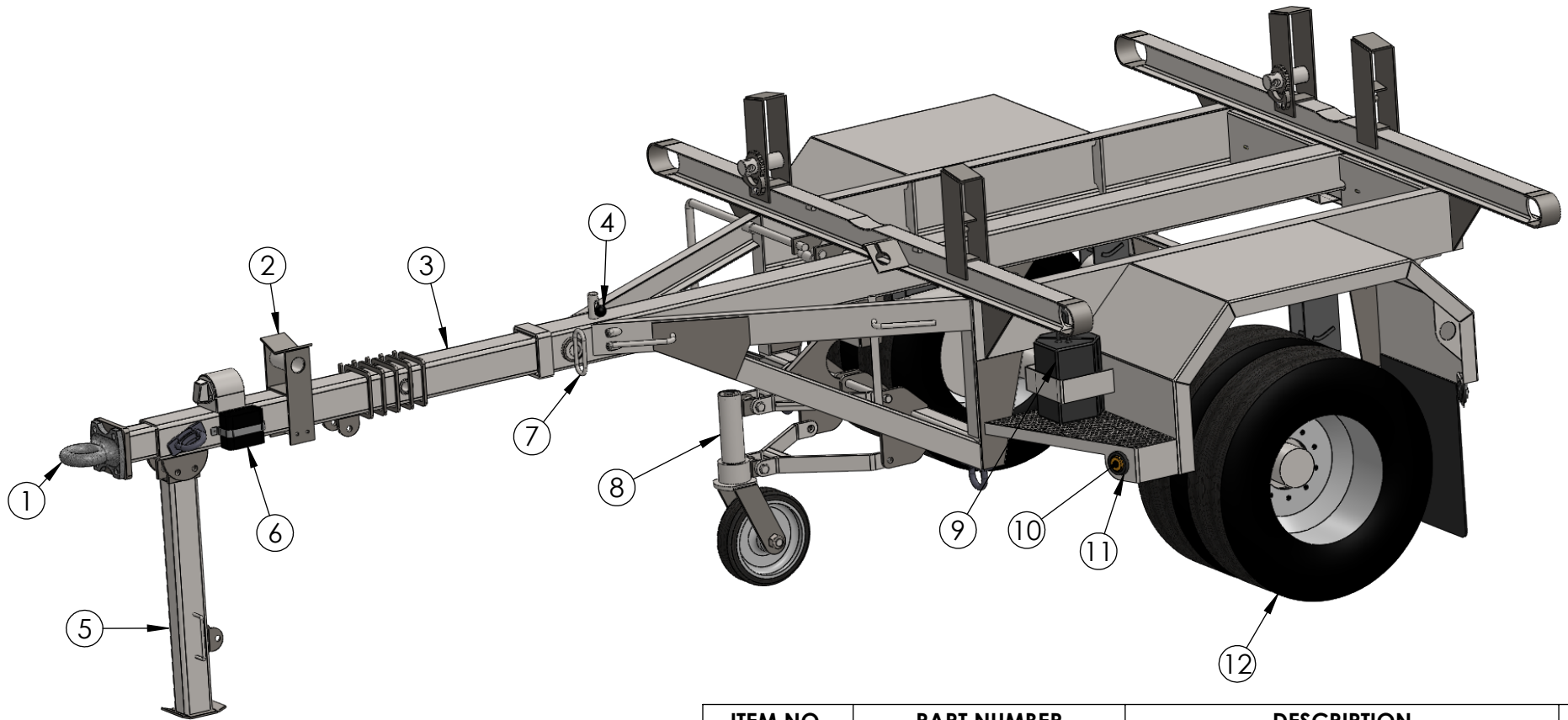
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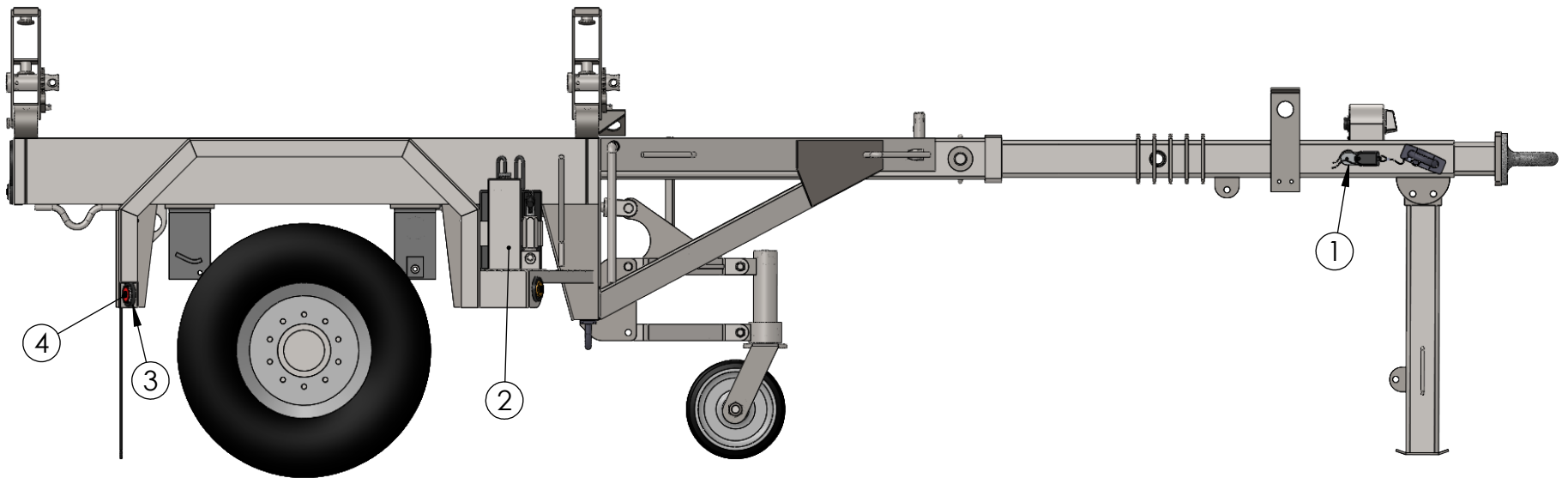
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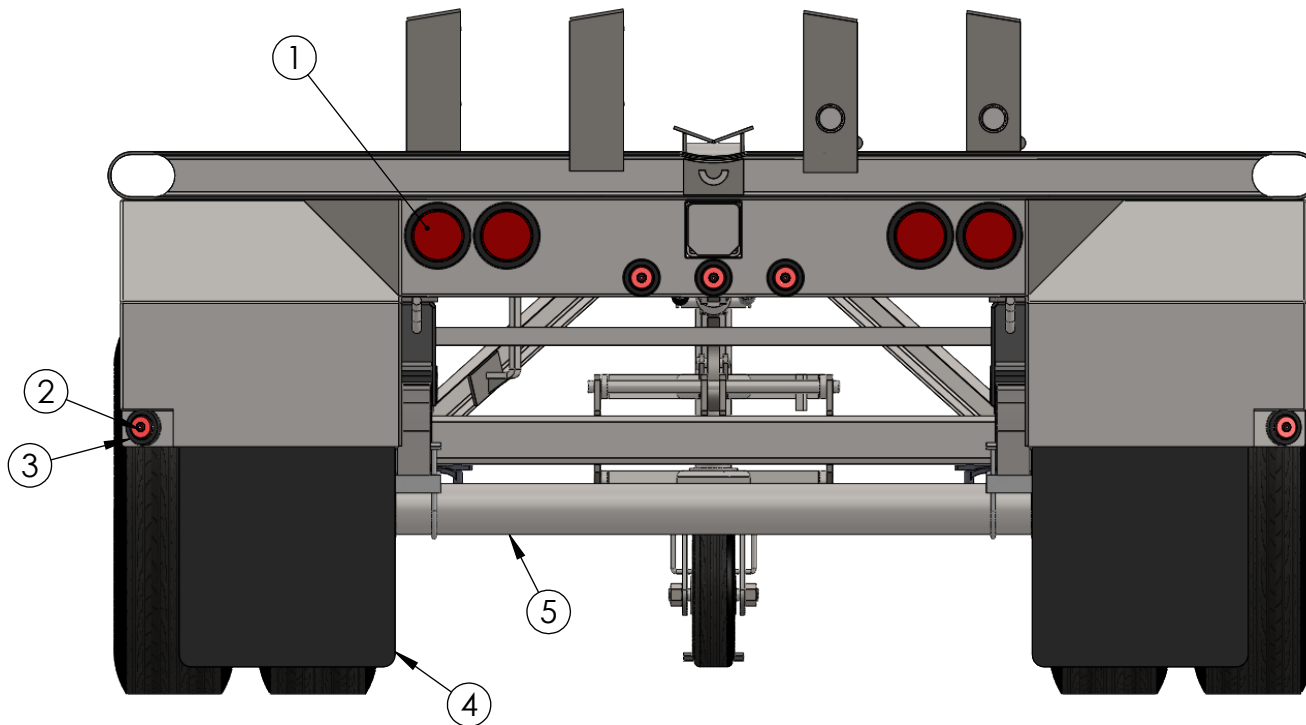
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	L04310	Light Red 2" LED	5
2	G08005	Grommet 2" Light	7
3	F10030	Flap, Mud 18" x 20"	2
4	A07098	Axle Assy 16K Electric	1



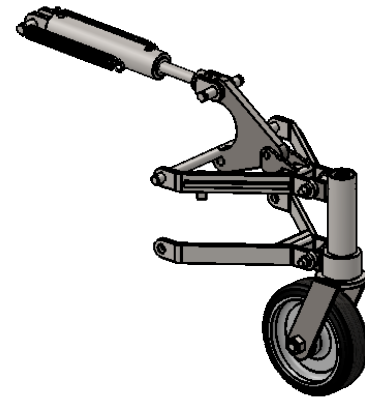
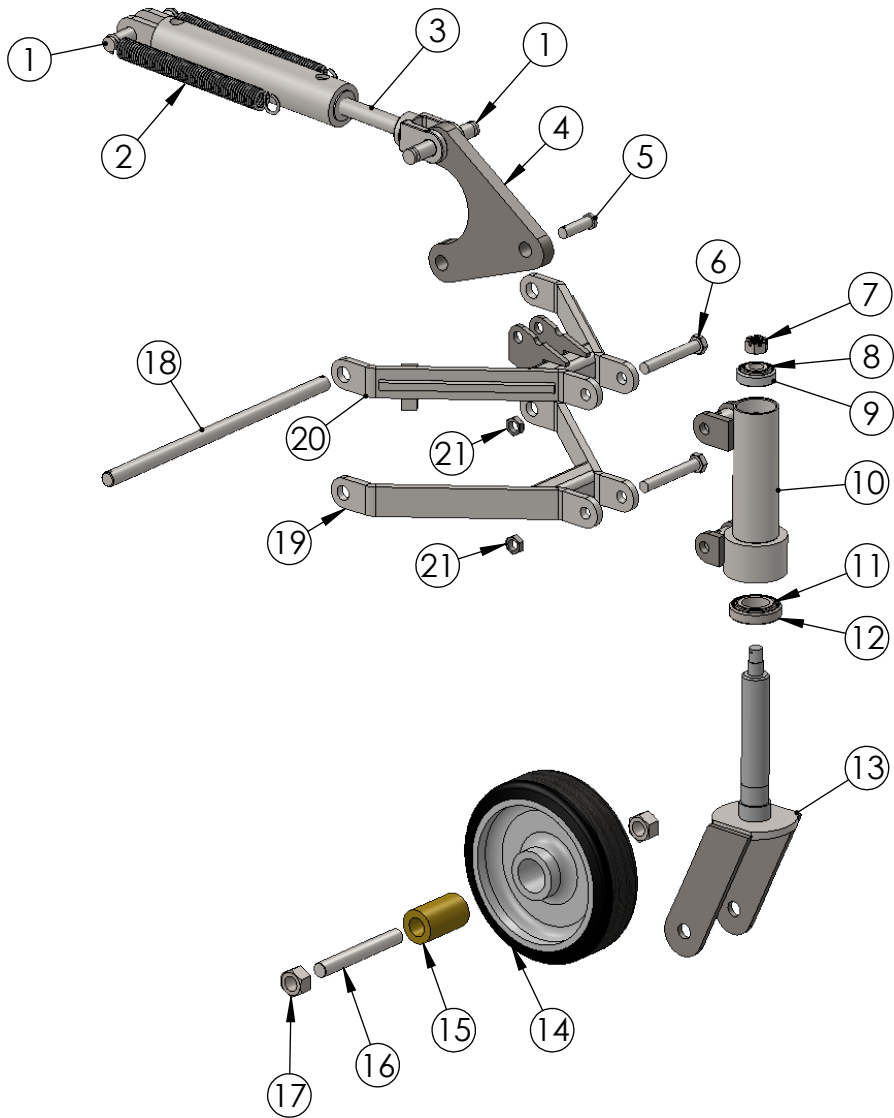
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	E04017	Eye, Pintle	1
2	Y01061	Yoke, Pole Telescoping	1
3	T10001	Tongue, PT Telescoping	1
4	K03063	Knob Plastic Ball	1
5	S31015	Stand, Telescopic Tongue	1
6	B06005	Battery, Lantern 12V	1
7	P06199	Pin Extended Tongue Assy	1
8	PT Idler Wheel	See Idler Wheel Sheet	1
9	C12005	Wheel Chock	4
10	L04311	Light Amber 2" LED	2
11	G08005	Grommet 2" Light	7
12	W03950	Wheel Dual 17.5 x 6.75	4



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	S40003	Switch, Breakaway	1
2	P20015	Pump Single Stage w/Resvr	1
3	G08005	Grommet 2" Light	7
4	L04310	Light Red 2" LED	5



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	L04032	Light, 4" Tail/Stop/Turn Kit LED	4
2	L04310	Light Red 2" LED	5
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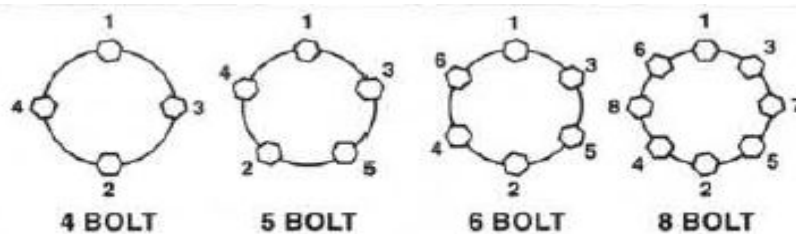
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	P06975	Pin Spring Retracting	2
2	S28953	Spring IW Retracting PT	2
3	C32020	Cylinder, Levelwind	1
4	A08010	Arm Cylinder Bracket	1
5	P06104	Pin, Clevis 3/4 x 2-1/2	1
6	B11387	Bolt, Hx Head 3/4"-16 x 5"	2
7	N04020	Nut, Hex Slotted 7/8"-14	1
8	B07055	Bearing, Taper Roller	1
9	B07170	Race, Bearing	1
10	H08025	Housing	1
11	B07160	Bearing, Taper Roller	1
12	B07165	Race, Bearing	1
13	F08040	Fork PT Idler Wheel	1
14	W03020	Wheel, Idler	1
15	B07058	Bearing, Wheel	1
16	A07005	Axle, Idler Wheel	1
17	N04267	Nut, 1-8 Z	2
18	S43098	Shaft Idler Wheel A Frame	1
19	F09010	A-Arm, Upper	1
20	F09038	A-Arm, Lower	1
21	N04475	Nut, Hx Jam 3/4"-16	2

Wheel Torque Requirements

Be sure to use only the fasteners matched to the cone angle of your wheel (usually 60° or 90°). The proper procedure for attaching your wheels is as follows:

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. The tightening of the fasteners should be done in stages. Following the recommended sequence, tighten fasteners as shown in the chart below.
4. Wheel nuts/bolts should be torqued before first road use and after each wheel removal. Check and re-torque after the first 10 miles, 25 miles and again at 50 miles. Check periodically thereafter.

Wheel Size	1st Stage	2nd Stage	3rd Stage
12"	20-25	35-40	50-75
13"	20-25	35-40	50-75
14"	20-25	50-60	90-120
15"	20-25	50-60	90-120
16"	20-25	50-60	90-120
16.5" x 6.75"	20-25	50-60	90-120
16.5" x 9.75"	55-60	120-125	175-225
14.5" Demount	Tighten Sequentially to		85-95
17.5" Hub Pilot Clamp Ring & Cone Nuts	50-60	100-120	190-210
17.5" Hub Pilot 5/8" Flange Nuts	50-60	90-200	275-325



Maximum Wheel Fastener Torque

The wheel mounting studs used on Dexter Axles conforms to the SAE standards for grade 8. The maximum torque level that can be safely applied to these studs is listed in the following chart:

Stud Size	Max. Torque
1/2"-20 UNF, class 2A	120 lb ft.
9/16"-18, class 2A	170 lb ft.
5/8"-18, class 2A	325 lb ft.

CAUTION

Exceeding the above listed torque limits can damage studs and/or nuts and lead to eventual fractures and dangerous wheel separation.

D H ' H f U] ` Y f ' K] f] b [' 8] U [f U a

