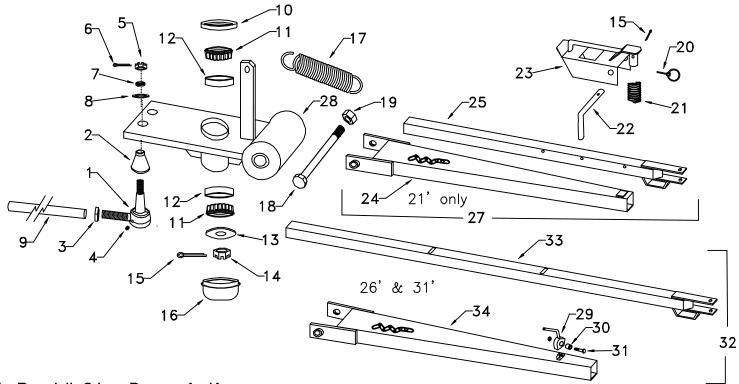


Steering Assembly for 680 Head Hauler



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#	Part#	Utv.	Description

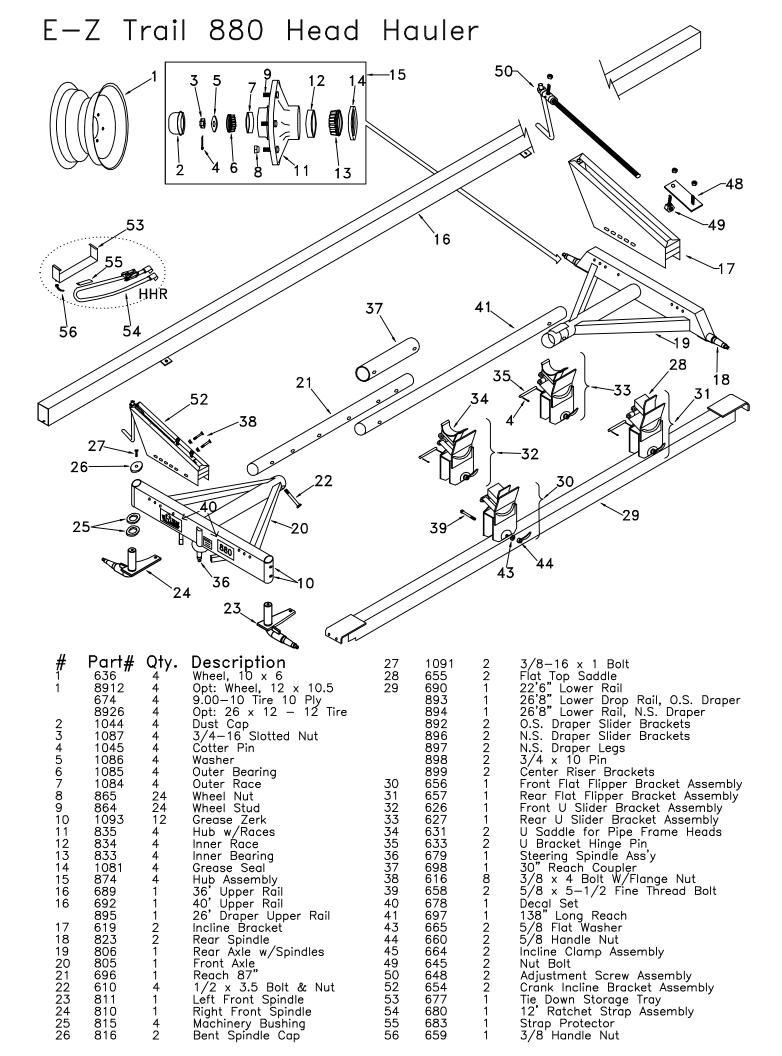
23456789111111111122222222233333333333345678911234567890123457890123	1067 1045 1098 1013 1014 1020	44464444212211211111111111111111111	Tie Rod End (Inc'd 2-6) Rubber Cover 3/4-16 Jam Nut Grease Zerk 9/16-18 Slotted Nut Cotter Pin 5/8" Lock Washer 5/8" Flat Washer Tie Rod Seal Steering Frame Bearing Steering Frame Race Washer 3/4-16 Slotted Nut Cotter Pin Steering Frame Cap Spring Tongue Bolt 7/8-9 Lock Nut Lock Pin Spring Latch Pin Latch Tongue Outer Tongue Inner E-Z Hitch Ass'y, 21' Steering Frame Cam Latch Cam Latch Bushing 7/16x2 Bolt & Locknut Long Tongue Inner * Long Tongue Outer *
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*_Specify cam latch position:

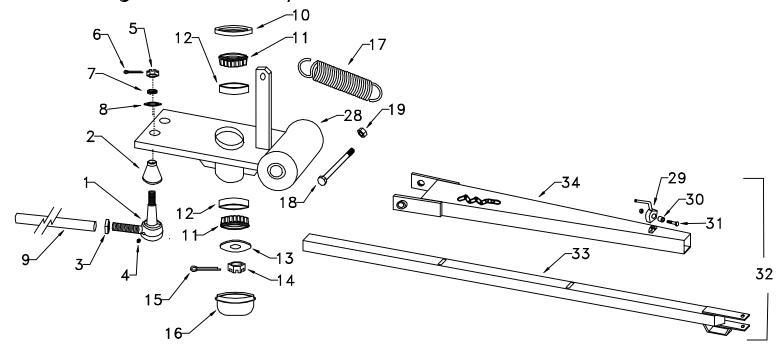
3" from front of tongue outer on '06 and older 10" from front of tongue outer on '06 and newer

SET-UP & OPERATING INSTRUCTIONS

- 1. Bolt wheels in place & torque to approx. 100 ft. lbs.
- 2. Attach tongue with $7/8 \times 9\frac{1}{2}$ bolt and lock nut. Raise end of tongue & hook lift assist spring to chain on tongue.
- **3.** Remove bolts in the center reach pipe and slide axles out to 12'4" wheel base for the 21' model. The 26' and 31' models require a 3'6" extension for a 15'10" wheel base.
- **4.** Remove the four white stakes and attach the lower rail to the left side using the $3/8 \times 4$ bolts removed from the stakes. Mount the slider brackets on the lower rail with $5/8 \times 5\frac{1}{2}$ bolts and handle nuts.
- **5.** Attach the incline brackets to the right side of the front and rear axles. It is difficult to say which set of holes will be best for your particular model of head. The outer hole of the axle and the second hole on the bracket will work well for most heads except Case IH. For most Case IH models these brackets will need to be bolted closer to the center of the axle. The rail spacing will determine the degree of slope for detaching the head. The degree of slope must be steep enough so the lower feeder house will break away without striking the lower rail.
- 6. Attach the long rail, short end forward, to the incline brackets, using the clamp assemblies. Tighten the ½" locknut only enough to bring the nut down against the rail plate, do not over-tighten. The patented clamp and slide feature permits E-Z relocation of the rail without wrenches by loosening only the handle nut on the top side of the rail. OR for crank adjust incline brackets: Simply bolt the top rail to the incline clamp with the ½" locknuts, leaving the nuts loose enough for the rail to slide.
- 7. Lubricate all grease points. Inflate tires to 60 PSI normal pressure; 12 row heads may require up to 70 PSI. Securely tie down the head being transported using chains or the optional tiedown strap kit. Always exercise safety first! Proper lighting is required when using on public highways.



Steering Assembly for 880 Head Hauler



32 612 1 12' Long Tongue Ass'y 33 613 1 Long Tongue Inner * 34 611 1 Long Tongue Outer *	13 14 15 16 17 18 19 29 30 31 33 33	1082 1083 1089 1087 1045 1098 1013 1014 1020 1080 609 607 606 612 613	1	Ribber Cover 3/4-16 Jam Nut Grease Zerk 9/16-18 Slotted Nut Cotter Pin 5/8" Lock Washer 5/8" Flat Washer Tie Rod Seal Steering Frame Bearing Steering Frame Race Washer 3/4-16 Slotted Nut Cotter Pin Steering Frame Cap Spring Tongue Bolt 7/8-9 Lock Nut Steering Frame Cam Latch Cam Latch Cam Latch Bushing 7/16x2 Bolt & Locknut 12' Long Tongue Ass'y Long Tongue Inner *
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* Specify cam latch position: 3" from front of tongue outer on '06 and older 10" from front of tongue outer on '06 and newer

SET-UP & OPERATING INSTRUCTIONS

- 1. Bolt wheels in place & torque to approx. 100 ft. lbs.
- 2. Attach tongue with $7/8 \times 9\frac{1}{2}$ bolt and lock nut. Raise end of tongue & hook lift assist spring to chain on tongue.
- **3.** Remove bolts in the center reach pipe and slide axles out to 12'4" wheel base for the 21' model. The 26' and 31' models require a 3'6" extension for a 15'10" wheel base.
- **4.** Remove the four white stakes and attach the lower rail to the left side using the $3/8 \times 4$ bolts removed from the stakes. Mount the slider brackets on the lower rail with $5/8 \times 5\frac{1}{2}$ bolts and handle nuts.
- 5. Attach the incline brackets to the right side of the front and rear axles. It is difficult to say which set of holes will be best for your particular model of head. The outer hole of the axle and the second hole on the bracket will work well for most heads except Case IH. For most Case IH models these brackets will need to be bolted closer to the center of the axle. The rail spacing will determine the degree of slope for detaching the head. The degree of slope must be steep enough so the lower feeder house will break away without striking the lower rail.
- 6. Attach the long rail, short end forward, to the incline brackets, using the clamp assemblies. Tighten the ½" locknut only enough to bring the nut down against the rail plate, do not over-tighten. The patented clamp and slide feature permits E-Z relocation of the rail without wrenches by loosening only the handle nut on the top side of the rail. OR for crank adjust incline brackets: Simply bolt the top rail to the incline clamp with the ½" locknuts, leaving the nuts loose enough for the rail to slide.
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