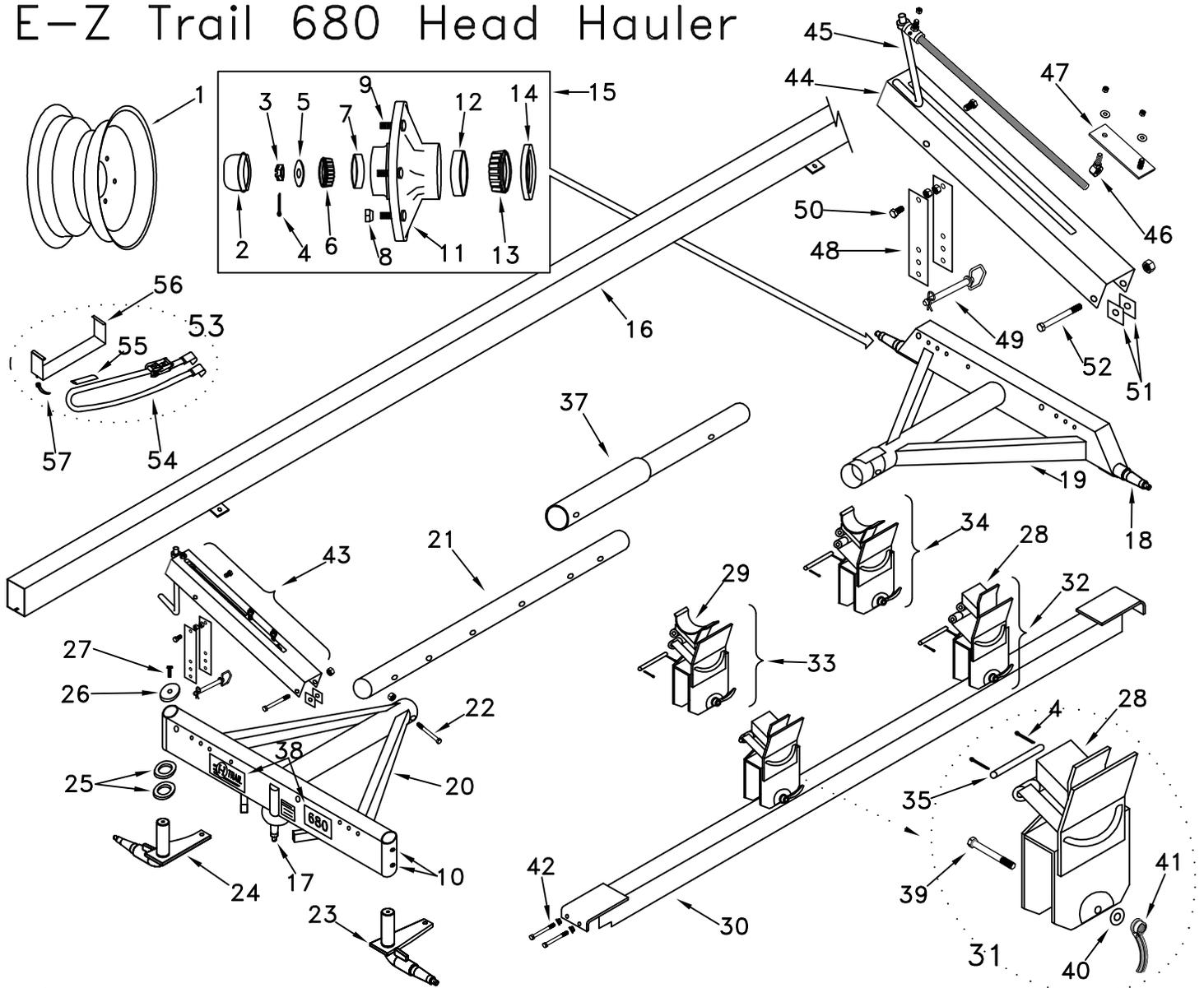
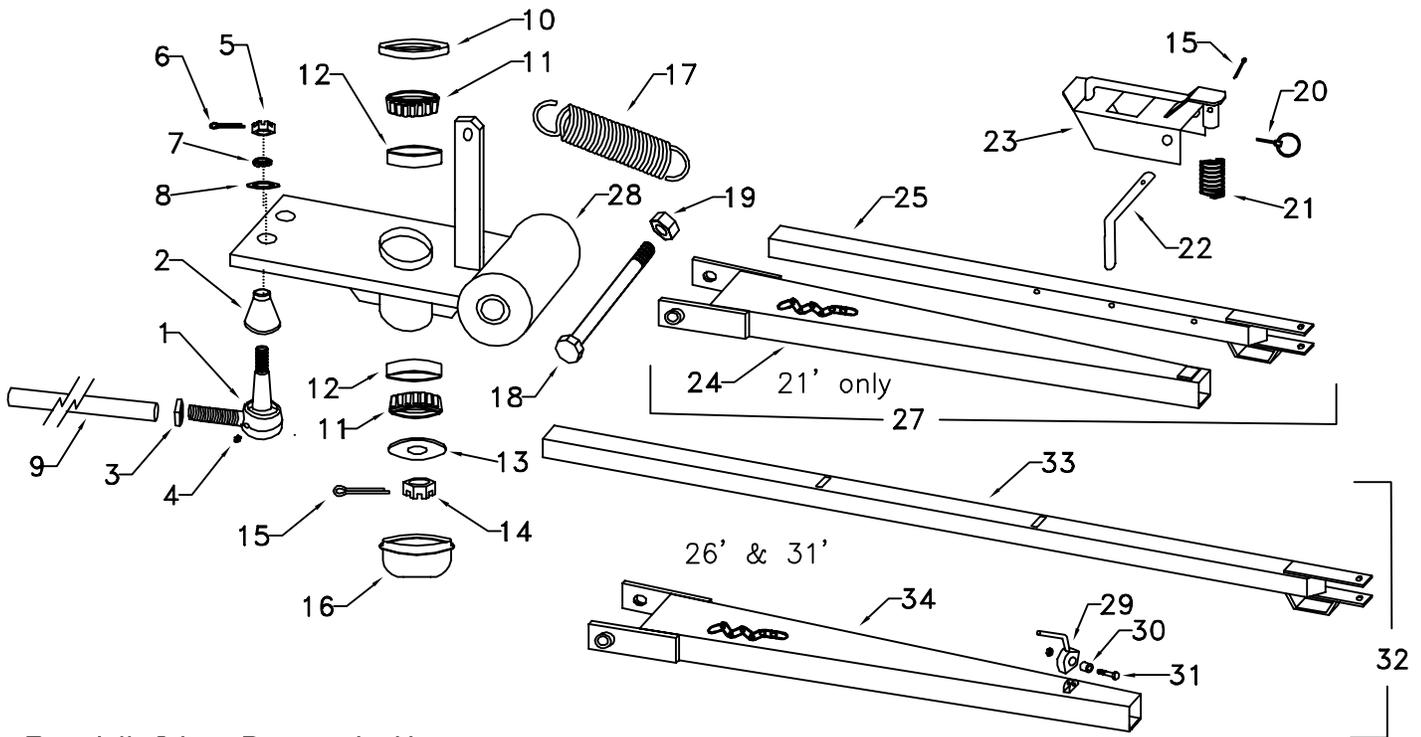


# E-Z Trail 680 Head Hauler



| #  | Part# | Qty. | Description                         |
|----|-------|------|-------------------------------------|
| 1  | 636   | 4    | Wheel, 10 x 6                       |
|    | 670   | 4    | 20.5x8x10 E Rge. Tire               |
|    | 674   | 4    | 9.00-10 Tire 10 Ply                 |
| 2  | 642   | 4    | Dust Cap                            |
| 3  | 641   | 4    | 5/8-18 Slotted Nut                  |
| 4  | 699   | 4    | Cotter Pin                          |
| 5  | 640   | 4    | Washer                              |
| 6  | 639   | 4    | Outer Bearing                       |
| 7  | 638   | 4    | Outer Race                          |
| 8  | 865   | 24   | Wheel Nut                           |
| 9  | 864   | 24   | Wheel Stud                          |
| 10 | 1093  | 12   | Grease Zerk                         |
| 11 | 635   | 4    | Hub w/Races                         |
| 12 | 1084  | 4    | Inner Race                          |
| 13 | 1085  | 4    | Inner Bearing                       |
| 14 | 632   | 4    | Grease Seal                         |
| 15 | 643   | 4    | Hub Assembly                        |
| 16 | 688   | 1    | 21' Upper Rail                      |
| 16 | 686   | 1    | 26' Upper Rail                      |
| 16 | 687   | 1    | 31' Upper Rail                      |
| 17 | 679   | 1    | Steering Spindle Assy               |
| 18 | 628   | 2    | Rear Spindle                        |
| 19 | 604   | 1    | Rear Axle w/Spindles                |
| 20 | 603   | 1    | Front Axle                          |
| 21 | 696   | 1    | Reach 87"                           |
| 22 | 610   | 4    | 1/2 x 3.5 Bolt & Nut                |
| 23 | 621   | 1    | Left Front Spindle                  |
| 24 | 620   | 1    | Right Front Spindle                 |
| 25 | 622   | 4    | Machinery Bushing                   |
| 26 | 816   | 2    | Bent Spindle Cap                    |
| 27 | 1091  | 2    | 3/8-16 x 1 Bolt                     |
| 28 | 655   | 2    | Flat Top Saddle                     |
| 29 | 631   | 2    | U Saddle - Pipe Frame               |
| 30 | 617   | 1    | 12' Lower Rail for 21'              |
| 30 | 618   | 1    | 15'6" Lower Rail for 26' & 31'      |
| 31 | 656   | 1    | Front Flat Flipper Bracket Assembly |
| 32 | 657   | 1    | Rear Flat Flipper Bracket Assembly  |
| 33 | 626   | 1    | Front U Slider Bracket Assembly     |
| 34 | 627   | 1    | Rear U Slider Bracket Assembly      |
| 35 | 633   | 2    | U Bracket Hinge Pin                 |
| 37 | 634   | 1    | 3'6" Reach Extension, 26' & 31'     |
| 38 | 678   | 1    | Decal Set                           |
| 39 | 658   | 2    | 5/8 x 5-1/2 Fine Thread Bolt        |
| 40 | 665   | 2    | 5/8 Flat Washer                     |
| 41 | 660   | 2    | 5/8 Handle Nut                      |
| 42 | 616   | 4    | 3/8 x 4 Bolt & Flange Nut           |
| 43 | 72454 | 2    | Crank Incline Assembly              |
| 44 | 72400 | 2    | Channel Bracket                     |
| 45 | 648   | 2    | Adjustment Screw Assembly           |
| 46 | 645   | 2    | Nut Bolt                            |
| 47 | 644   | 2    | Incline Clamp Plate                 |
| 48 | 675   | 4    | Channel Support Strap               |
| 49 | 669   | 2    | Hitchpin 3/4 x 4-1/4                |
| 50 | 841   | 4    | 3/4 x 1-1/2 Bolt & Locknut          |
| 51 | 676   | 4    | Channel Spacer                      |
| 52 | 845   | 2    | 3/4 x 5-1/2 Bolt & Locknut          |
| 53 | HHR   | 1    | Optional Ratchet Kit                |
| 54 | 680   | 1    | 12' Ratchet Strap Assembly          |
| 55 | 683   | 1    | Strap Protector                     |
| 56 | 677   | 1    | Tie Down Storage Tray               |
| 57 | 659   | 1    | 3/8 Handle Nut                      |

# Steering Assembly for 680 Head Hauler



| #  | Part# | Qty. | Description             |
|----|-------|------|-------------------------|
| 1  | 1092  | 4    | Tie Rod End (Inc'd 2-6) |
| 2  | 1043  | 4    | Rubber Cover            |
| 3  | 1088  | 4    | 3/4-16 Jam Nut          |
| 4  | 1093  | 6    | Grease Zerk             |
| 5  | 1042  | 4    | 9/16-18 Slotted Nut     |
| 6  | 1046  | 4    | Cotter Pin              |
| 7  | 1048  | 4    | 5/8" Lock Washer        |
| 8  | 640   | 4    | 5/8" Flat Washer        |
| 9  | 828   | 2    | Tie Rod                 |
| 10 | 1081  | 1    | Seal                    |
| 11 | 1082  | 2    | Steering Frame Bearing  |
| 12 | 1083  | 2    | Steering Frame Race     |
| 13 | 1089  | 1    | Washer                  |
| 14 | 1087  | 1    | 3/4-16 Slotted Nut      |
| 15 | 1045  | 2    | Cotter Pin              |
| 16 | 1098  | 1    | Steering Frame Cap      |
| 17 | 1013  | 1    | Spring                  |
| 18 | 1014  | 1    | Tongue Bolt             |
| 19 | 1020  | 1    | 7/8-9 Lock Nut          |
| 20 | 1017  | 1    | Lock Pin                |
| 21 | 1010  | 1    | Spring                  |
| 22 | 1011  | 1    | Latch Pin               |
| 23 | 1016  | 1    | Latch                   |
| 24 | 1061  | 1    | Tongue Outer            |
| 25 | 1062  | 1    | Tongue Inner            |
| 27 | 1063  | 1    | E-Z Hitch Ass'y, 21'    |
| 28 | 1080  | 1    | Steering Frame          |
| 29 | 609   | 1    | Cam Latch               |
| 30 | 607   | 1    | Cam Latch Bushing       |
| 31 | 606   | 1    | 7/16x2 Bolt & Locknut   |
| 32 | 612   | 1    | Long Tongue, 26' & 31'  |
| 33 | 613   | 1    | Long Tongue Inner *     |
| 34 | 611   | 1    | Long Tongue Outer *     |

## SET-UP & OPERATING INSTRUCTIONS

1. Bolt wheels in place & torque to approx. 100 ft. lbs.
2. Attach tongue with 7/8 x 9-1/2 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 x 4 bolts removed from the stakes. Mount the slider brackets on the lower rail with 5/8 x 5-1/2 bolts and handle nuts.
5. Attach the crank incline assembly to right side of the front & rear axles. First fasten the support straps inside the channel bracket with 3/4 x 1-1/2 bolts & locknuts, then fasten the support straps to the axle (usually using the middle holes) with hitch pin. Fasten the bottom end to the axle using spacers and a 3/4 x 5-1/2 bolt & locknut.
6. Attach the long rail, short end forward, to the crank incline brackets with the 1/2" locknuts, leaving the nuts loose enough for the rail to slide. Observe the degree of slope: it must be steep enough so the lower feeder house will break away without striking the lower rail. If necessary, insert hitch pin thru a different hole in the support straps.
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 tie-down strap kit. Always exercise safety first! Proper lighting is required when using on public highways.

\* Specify cam latch position:  
 3" from front of tongue outer on '06 and older  
 10" from front of tongue outer on '06 and newer