

**HDL1100/530**

**PARTS**

Eastern Wrecker Sales, Inc. - [www.easternwrecker.com](http://www.easternwrecker.com) - 919-553-4038



An Oshkosh Truck Corporation Company

1080 Hykes Road Greencastle, PA 17225  
(717) 597-7111

## LIMITED WARRANTY

### Coverage and Procedures

Like our wheel lift and car carrier products, Jerr-Dan warranty programs are designed for the long haul.

Whether you own a wheel lift or car carrier, you are assured that your equipment is of the highest quality, and is covered under this limited warranty.\*

Our one-year unlimited mileage plan is offered for wheel lifts and car carriers. This warranty is designed for the most comprehensive protection of your specific equipment.

#### WHEEL LIFT:

The Jerr-Dan one-year warranty covers material and workmanship including the following:

- I. Body
- II. Substructure
- III. Wheel lift assembly
- IV. Wrecker boom assembly
- V. Winch and winch components (excluding cable)
- VI. Hydraulics
- VII. Electrical wiring assembly

#### CAR CARRIERS:

The Jerr-Dan one-year warranty covers material and workmanship including the following:

- I. Deck
- II. Winch and winch components (excluding cable)
- III. Substructure
- IV. Hydraulics
- V. Electrical wiring assembly

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Procedures for warranty coverage:

1. Contact your selling distributor.
2. If necessary, contact Jerr-Dan for the distributor nearest you - Call 1-800-926-9666.
3. If necessary, Jerr-Dan may authorize repair by a qualified equipment service center. Under these arrangements, it will be necessary to obtain an estimate of repairs before any work is performed. Send estimate of repair cost to:

Jerr-Dan Corporation  
Warranty Department  
1080 Hykes Road  
Greencastle, PA 17225

Be sure to include your daytime phone number.

4. Authorization for repairs under this limited warranty will be provided by telephone within 24 hours of receipt of valid warranty claims and confirmed by letter or fax.
- \*5. This outlines the Jerr-Dan One-Year Warranty Plan. Coverage does not include damages caused by excessive abuse or consequential damages resulting from the lack of proper service, maintenance or need for repairs. All plans begin at original retail purchase date.

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## LIMITED WARRANTY

**Manufacturer's Warranty.** Manufacturer's sole warranty shall be the following, which Distributor shall make on behalf of Manufacturer by conspicuous notice in writing accompanying each contract or memorandum of sale:

**1. Warranty.** Jerr-Dan Corporation, ("Manufacturer") warrants each new product made by it to be free from defects in material or workmanship for one year from the date of initial sale, lease, rental, or other disposition of such product, and agrees only to repair or replace at its own expense, f.o.b. the place or places of manufacture, at manufacturer's option, any part or parts of the product found to be defective in material or workmanship, provided Manufacturer is notified of such defect or defects within the one year warranty period and given a reasonable time to correct the defect. In no case, shall the warranty extend to defects in materials, components, or services furnished by third parties. Defects caused by chemical action, or the presence of abrasive materials and defects arising following the operation beyond rated capacity or the improper use or application of any Products shall not be considered defects within the scope of the foregoing warranty. If any repairs or alterations are made or any parts are replaced during the period covered by any warranty above mentioned by other than an authorized Manufacturer's Distributor in accordance with authorized Manufacturer's service manuals or with other than parts, accessories, or attachments authorized by Manufacturer for use in its products, customer shall pay for all such repairs or parts without recourse against Manufacturer, and Manufacturer shall be relieved of responsibility for fulfillment of this warranty with respect to parts or components of all repairs, alterations or replacements so made. No claims for labor shall be considered unless authorized by Manufacturer.

**2. Disclaimer as to Consequential or Special Damages.** Under no circumstances shall Manufacturer be liable for any consequential or special damage which any person, firm, corporation, or other entity may suffer or claim to suffer or incur or claim to incur as a result of any defect in the product or in any correction or alteration thereof made or furnished by Manufacturer or others. "Consequential" or "special damages" as used herein includes but is not limited to costs of transportation, lost sales, lost orders, lost profits, lost income, increased overhead, labor and material costs and cost of manufacturing variances and operational inefficiencies.

**3. Maximum Liability.** The maximum liability of Manufacturer under the exclusive warranty set forth herein shall be the amount paid to Manufacturer by the vendor of the component with respect to the product to which such vendor warranty applies.

**4. Limitation of Liability.** The limitation of liability provisions herein shall apply to any and all claims or suits brought against Manufacturer, including any claim based upon negligence, breach of contract, breach of warranty, strict liability or any other theories upon which liability may be asserted against Manufacturer.

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**DO NOT EXCEED THE FOLLOWING RATINGS:**

**HDL1000/530**

**BOOM RATING: (Two Stage Boom)**

SAE Rating - Boom elevated at 30° Angle<sup>1</sup>

Retracted ..... 100,000 lbs.  
Extended ..... 35,000 lbs.

**BOOM RATING: (Optional Three Stage Boom)**

SAE Rating - Boom elevated at 30° Angle<sup>1</sup>

Retracted ..... 100,000 lbs.  
Mid ..... 35,000 lbs.  
Extended ..... 24,000 lbs.

**WINCH RATING: (Standard dp Planetary Gear)<sup>2</sup>**

Each Drum ..... 35,000 lbs.

**WIRE ROPE:**

Working Limit Each Line ..... 16,800 lbs.  
Construction ..... 6 x 37 EIP IWRC  
Diameter ..... 3/4 inch  
Standard Length ..... 250 Feet

**UNDER LIFT RATING:**

Full Retracted ..... 53,000 lbs.<sup>3</sup>  
Full Extended ..... 17,000 lbs.<sup>3</sup>  
Tow Rating ..... 80,000 lbs.

**DRAG WINCH RATING: (Optional dp Planetary Gear)<sup>2</sup>**

Each Drum (Single Speed, Variable Control) ..... 35,000 lbs.

**WIRE ROPE: (Option 1)**

Working Limit Each Line ..... 11,700 lbs.  
Construction ..... 6 x 37 EIP IWRC  
Diameter ..... 5/8 inch  
Standard Length ..... 200 Feet

WIRE ROPE: (Option 2)

Working Limit Each Line ..... 16,800 lbs.  
Construction ..... 6 x 37 EIP IWRC  
Diameter ..... 3/4 inch  
Standard Length ..... 200 Feet

HEAVY DUTY TIRE LIFT RATING (OPTION):

Lifting Capacity (Each Arm) ..... 7,000 lbs.  
Lifting Capacity (Total) ..... 14,000 lbs.  
Towing Capacity (Maximum)<sup>4</sup> ..... 42,000 lbs.

5th WHEEL PLATE (OPTION):

Lifting Capacity ..... 15,000 lbs.  
Towing Capacity ..... 25,000 lbs.

PINTLE HOOK BALL HITCH (OPTION):

2 in. Ball Hitch ..... 10,000 lbs. (GTW)  
Pintle Hook ..... 16,000 lbs. (GTW)

GROSS TRAILER WEIGHT ..... 3,000 Maximum Vertical Load

- <sup>1</sup> SAE J2512: Surface Vehicle Recommended Practices - Towing Equipment Ratings and Practices
- <sup>2</sup> SAE J706: Surface Vehicle Recommended Practices - Rating of Winches
- <sup>3</sup> Rating Using Axle And Spring Lift Tools
- <sup>4</sup> THE TOWING CAPACITY SHOULD NOT EXCEED THE GROSS COMBINED WEIGHT RATING (GCWR) OF THE TOWING VEHICLE OR 42,000 LBS. (GCW) GROSS COMBINED WEIGHT OF THE TOWED VEHICLE, WHICHEVER IS LOWER.

**MAXIMUM LIFTING CAPACITY** - THE MAXIMUM LOAD THAT CAN BE LIFTED.

**GROSS COMBINED WEIGHT RATING (GCWR)** - THE VALUE SPECIFIED BY THE VEHICLE MANUFACTURER AS GCW.

**GROSS TRAILER WEIGHT (GTW)** - THE MAXIMUM TRAILER WEIGHT WITH LOAD.

**GROSS COMBINED WEIGHT (GCW)** - ACTUAL WEIGHT OF THE ENTIRE VEHICLE AT THE GROUND WITH TRAILER OR TRAILERS, INCLUDING VEHICLE EQUIPMENT, DRIVER, PASSENGER, FUEL AND PAYLOAD (EVERYTHING THAT MOVES WITH THE VEHICLE).



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Date 8/05

## MAINTENANCE AND LUBRICATION

Your HDL has been designed to give you excellent service and long life but like all equipment, it requires proper and periodic maintenance. The truck chassis itself is on a maintenance schedule recommended by the manufacturer. Follow these guidelines and protect your vehicle warranty. There are a number of different lubricants used on your HDL and the following chart details the proper lubricant and the most common brands and specification which meet the requirements.

Use only safe practices when maintaining this equipment. Always shut off the engine before reaching into pinch areas.

Inspect the vehicle and under lift system periodically for damage or evidence of pending failure. Damaged or broken parts should be replaced immediately. Never operate a machine which is known to be defective or operating improperly. The cause of any binding or leakage should be determined immediately and the problem promptly fixed.

Critical wear points on your HDL must be lubricated at regular intervals. Sliding surfaces are to be cleaned and coated with a heavy grease periodically. Cleaning every month is recommended for normal highway operations, but this frequency will vary appreciably with the type of service. Sliding on dirty wear surfaces will cause rapid wear. Fittings on linkage pivots should be greased every two (2) months, again depending upon usage. The following chart and diagram shows the location of these points, and when and what type of lubricant to use.

Check the hydraulic oil level bi-monthly or after any leakage. A sight glass has been provided on the hydraulic tank. The proper oil level is best checked with all cylinders fully retracted. Use 5W20 Dual Range hydraulic oil. (Automatic transmission fluid may be used in the hydraulic system if necessary.)

The hydraulic filters located on the return side of the hydraulic tank come equipped with restriction indicator gauges. The gauges show the operator the condition of the filter elements. When the needle reaches the red band (25 psi), the filter is starting to bypass and the element needs to be changed. Failure to change the element will result in premature wear and/or failure of any or all of the hydraulic components. **Only check gauges with hydraulic fluid at operating temperatures. Cold oil is more dense and will give a false indicator gauge reading.**

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Cold temperatures can cause hydraulic oils to thicken and adversely affect the hydraulic functions of your wrecker. If this is the case, it will be necessary to change the hydraulic oil to maintain maximum system efficiency. A hydraulic oil such as Mobil DTE 11M can be used to replace the factory installed oil or it can be added to and mixed with the hydraulic oil in your factory system.

If a cylinder seal leaks, disassemble the cylinder and ascertain the cause of the leak. Small scores caused by chips or contaminated fluid can usually be worked out with fine emery cloth to avoid repetition of the trouble. Whenever any seal replacement is necessary, it is always advisable to replace all seals in that component. These seals are available in kits. Also, thoroughly clean all components before reassembly.

The body of your Jerr-Dan has been built from high strength aluminum and composite material which has been carefully assembled in our factory. To keep it clean and free of dirt use any non-abrasive soap or detergent recommended for automotive finishes. Use a soft cloth or sponge and finish with a thorough rinsing. Drying with a soft cloth or chamois will prevent spotting or streaking. A coat of automotive wax is recommended.

The HDL is mounted to the truck chassis by bolts. These bolts are torqued at the factory to 300 ft. lbs. We recommend that these bolts be re-torqued within the first 30 days and periodic inspection and retorquing of these bolts as required thereafter. Replace any broken or damaged bolts immediately.

The HDL1000/350, HDL1000/550, HDL1000/565, HDL1200/530 and HDL1200/565 wrecker boom has adjustable shim plugs in it that keep the fly boom travel straight and parallel with in the outer boom. Periodically adjust and tighten the shims as they wear. These are located at the sheave end of the wrecker boom, and inside the wrecker boom in the internal end of the fly boom.

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**TIGHTENING TORQUES (FOOT-POUNDS)  
FOR SCREWS AND NUTS**

| SIZE<br>INCHES (MM) | <br>GRADE 2 | <br>GRADE 5 | <br>GRADE 8 |
|---------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| 1/4 (6.350)         | 6                                                                                            | 8                                                                                            | 10                                                                                           |
| 5/16 (7.938)        | 10                                                                                           | 14                                                                                           | 19                                                                                           |
| 3/8 (9.525)         | 17                                                                                           | 27                                                                                           | 33                                                                                           |
| 7/16 (11.112)       | 28                                                                                           | 45                                                                                           | 60                                                                                           |
| 1/2 (12.700)        | 45                                                                                           | 68                                                                                           | 90                                                                                           |
| 9/16 (14.288)       | 63                                                                                           | 100                                                                                          | 120                                                                                          |
| 5/8 (15.875)        | 90                                                                                           | 135                                                                                          | 180                                                                                          |
| 3/4 (19.050)        | 145                                                                                          | 230                                                                                          | 310                                                                                          |
| 7/8 (22.225)        | 145                                                                                          | 380                                                                                          | 500                                                                                          |
| 1 (25.400)          | 220                                                                                          | 570                                                                                          | 760                                                                                          |

- All torque values shown are for bolts (cap screws) and nuts that are either zinc-plated or lubricated.
- Torques shown above apply to screws and nuts used for assembly and installation of all wrecker components.
- Different torque values may be given in instructions for certain components due to short thread engagement or low-strength internal threads.
- When nuts are used, tighten nuts to torques shown (screws or bolts should be held but not turned).
- Retighten nuts of all mounting screws that secure the wrecker and wrecker-body within two weeks after they are first installed on the vehicle. Thereafter, inspect such screws and nuts visually once every month and after each job imposing extremely heavy loads on the equipment. Periodically recheck all accessible screws and nuts for proper tightness.
- Converting ft/lbs to Nm (Newton metres) can be accomplished by using the following:

Multiply:                      by:                      to get:  
 ft/lbs      x                      1.3558      =                      Nm (Newton metres)

**JERR-DAN**  
An Oakwood Truck Corporation Company

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## OILS AND GREASES

The following oils and greases are suitable for use with your Jerr-Dan.

| Company                     | Product                                                |
|-----------------------------|--------------------------------------------------------|
| HYDRAULIC OILS              |                                                        |
| 1. Drydene Dual Range       | Hydraulic Fluid 5w20                                   |
| 2. Sun Refining & Marketing | 2105 Hydraulic                                         |
| 3. D.A. Lubricants          | 5w20 HiVi                                              |
| 4. Texaco                   | Rando HD AZ                                            |
| 5. Mobil Oil Corp.          | DTE 15                                                 |
| 6. Mobil Oil Corp.          | DTE 11M                                                |
| 7. Amoco Oil Co.            | Rykon MV                                               |
| 8. Citgo                    | A/W All Temp                                           |
| GREASES                     |                                                        |
| 1. Drydene                  | HD Lithium EP2                                         |
| 2. Gulf                     | Crown EP2                                              |
| 3. Amoco                    | Amolith EP2                                            |
| 4. Shell                    | Alvania EP2                                            |
| 5. Texaco                   | Marfax EP2                                             |
| 6. Mobil                    | Mobilux EP2                                            |
| 7. Sunoco                   | Prestige EP2                                           |
| WINCH AND GEAR LUBE         |                                                        |
| 1. Phillips                 | 140 wt. EP Gear Lube 93301<br>(or approved equivalent) |

## HDL1000/530 LUBRICATION POINTS

The following lubrication charts are located inside the tool box door on the driver's side of the HDL body.

| 270 LUBRICATION CHART<br><b>JERR-DAN</b><br>WRECKER |             |                               |              |            |                  |
|-----------------------------------------------------|-------------|-------------------------------|--------------|------------|------------------|
| INTERVAL<br>(HOURS)                                 | REF.<br>NO. | IDENTIFICATION                | SERVICE      | LUBRICANT  | NO. OF<br>POINTS |
| WEEKLY                                              | 1           | CABLE                         | OIL          | ENGINE OIL | 2                |
| 50 OR<br>BI-MONTHLY                                 | 2           | WINCH GEAR BOX                | CHECK        |            | 2                |
|                                                     | 3           | HYLATHON PADS                 | COAT         | MPG        | 3                |
|                                                     | 4           | WINCH CASE<br>BREATHERS       | CHECK        |            | 4                |
| 100<br>OR<br>MONTHLY                                | 5           | BOOM PIVOT                    | LUBE         | MPG        | 1                |
|                                                     | 6           | WRECKER BOOM<br>EXT. CYLINDER | LUBE         | MPG        | 1                |
|                                                     | 7           | WRECKER BOOM<br>LIFT CYLINDER | LUBE         | MPG        | 4                |
|                                                     | 8           | "D" RING                      | LUBE         | MPG        | 2                |
|                                                     | 9           | WRECKER BOOM<br>SHEAVE HEAD   | LUBE         | MPG        | 2                |
|                                                     | 10          | SHEAVE PIN                    | LUBE         | MPG        | 2                |
|                                                     | 11          | UNDERLIFT<br>LIFT BOOM        | LUBE         | MPG        | 1                |
|                                                     | 12          | UNDERLIFT<br>LIFT CYLINDER    | LUBE         | MPG        | 2                |
|                                                     | 13          | UNDERLIFT<br>TILT CYLINDER    | LUBE         | MPG        | 2                |
|                                                     | 14          | UNDERLIFT<br>PIVOT            | LUBE         | MPG        | 3                |
|                                                     | 15          | UNDERLIFT<br>EXTEND CYLINDER  | LUBE         | MPG        | 1                |
|                                                     | 16          | CROSS TUBE<br>PIVOT           | LUBE         | MPG        | 1                |
|                                                     | 17          | SPADE<br>EXTEND CYLINDER      | LUBE         | MPG        | 4                |
|                                                     | 18          | SPADE CLAW<br>PIVOT           | LUBE         | MPG        | 2                |
|                                                     | 19          | HYDRAULIC<br>RESERVOIR        | CHECK        |            |                  |
|                                                     | 20          | CONTROL VALVE<br>HANDLES      | CLEAN & OIL  | ENGINE OIL | 9                |
| 250<br>OR<br>SEMI-<br>ANNUALLY                      | 2           | WINCH GEAR BOX                | DRAIN & FILL | GL 5 #140  | 2                |
|                                                     | 21          | HYDRAULIC<br>FILTER           | CHANGE       |            | 2                |
| 1000<br>OR<br>YEARLY                                | 19          | HYDRAULIC<br>RESERVOIR        | DRAIN & FILL | *          | 1                |
|                                                     | 22          | MAGNETIC PLUG                 | CLEAN        |            | 1                |
|                                                     | 23          | RESERVOIR<br>STRAINER         | CLEAN        |            | 2                |

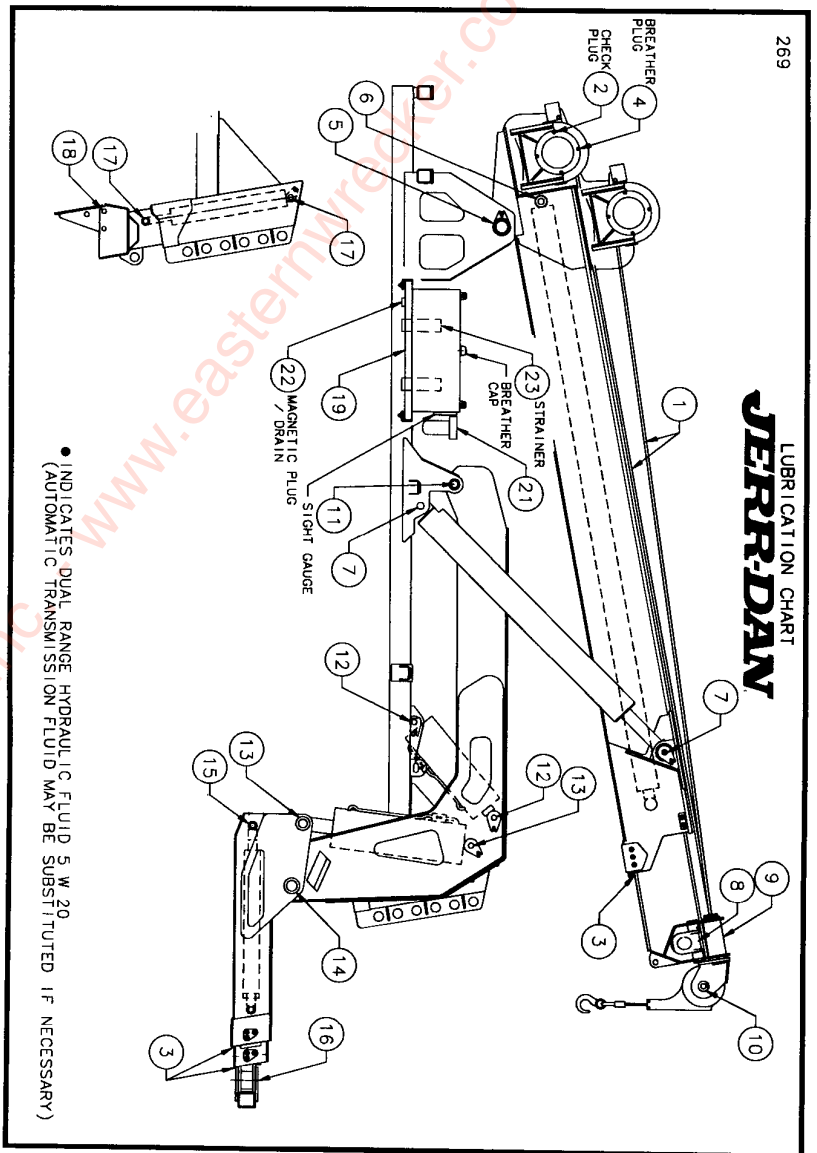
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# HDL1000/530 LUBRICATION POINTS



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Eastern Wrecker Sales, Inc. www.easternwrecker.com - 919-553-4038

**HDL1100/530  
UNDERLIFT SYSTEM  
PARTS**

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BA-KJ

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Part Number 5-376-000042

## PARTS LIST — SUBFRAME, HYDRAULIC TANK INSTALLATION

| Ref. No. | Part No.                | Description        | Qty. | Ref. No.                                       | Part No.   | Description   | Qty. |
|----------|-------------------------|--------------------|------|------------------------------------------------|------------|---------------|------|
| 1        | 3868000154              | Subframe Weldment  | 1    | 54                                             | 7115150650 | Capscrew      | 32   |
| 2        | 3750000021 <sup>1</sup> | Hydraulic Tank     | 1    | 55                                             | 7950150000 | Lockwasher    | 46   |
| 3        | 7183000002 <sup>1</sup> | Breather Cap Assy  | 1    | 56                                             | 7115150850 | Capscrew      | 14   |
| 4        | 7115140650 <sup>1</sup> | Capscrew           | 12   | 57                                             | 7274000048 | Clamp         | 2    |
| 5        | 7950140000 <sup>1</sup> | Lockwasher         | 12   | 58                                             | 7661000022 | Stacking Nut  | 18   |
| 6        | 4706002235 <sup>1</sup> | Cover              | 1    | 59                                             | 7274000049 | Clamp         | 8    |
| 7        | 7796000051 <sup>1</sup> | Gasket             | 1    | 60                                             | 7007000036 | Adapler       | 26   |
| 8        | 7470000003 <sup>1</sup> | Sight Gauge        | 1    | 61                                             | 7274000030 | Clamping Unit | 4    |
| 9        | 7430000007 <sup>1</sup> | Filter             | 2    | 62                                             | 7661000027 | Stacking Nut  | 24   |
| 10       | 7444100011 <sup>1</sup> | Plug               | 1    | * Available in Shim Kit #3577000029            |            |               |      |
| 11       | 7115181850              | Capscrew           | 4    | <sup>1</sup> Available in Assembly #3750000002 |            |               |      |
| 12       | 7950180141              | Flatwasher         | 4    |                                                |            |               |      |
| 13       | 7949000015              | Head Washer        | 4    |                                                |            |               |      |
| 14       | 7636000006              | Mount              | 4    |                                                |            |               |      |
| 15       | 7949000016              | Tail Washer        | 4    |                                                |            |               |      |
| 16       | 7660182601              | Locknut            | 4    |                                                |            |               |      |
| 17       | 4679000149              | Rub Block          | 2    |                                                |            |               |      |
| 18       | 7115161223              | Capscrew           | 4    |                                                |            |               |      |
| 19       | 7660162601              | Locknut            | 4    |                                                |            |               |      |
| 20       | 7262000025              | Chain w/Latch Hook | 2    |                                                |            |               |      |
| 21       | 7120000016              | Capscrew           | 2    |                                                |            |               |      |
| 22       | 7660182301              | Locknut            | 2    |                                                |            |               |      |
| 23       | 4706002258              | Plate              | 2    |                                                |            |               |      |
| 24       | 4062000270              | Bar                | 2    |                                                |            |               |      |
| 25       | 4062000272              | Shim               | 2    |                                                |            |               |      |
| 26       | 4706002259              | Plate              | 2    |                                                |            |               |      |
| 27       | 4062000271              | Bar                | 2    |                                                |            |               |      |
| 28       | 7118222216              | Capscrew           | 4    |                                                |            |               |      |
| 29       | 7660222308              | Locknut            | 4    |                                                |            |               |      |
| 30       | 4706002260              | Plate              | 2    |                                                |            |               |      |
| 31       | 4062000267 <sup>*</sup> | Shim               | 2    |                                                |            |               |      |
| 32       | 7118221816              | Capscrew           | 38   |                                                |            |               |      |
| 33       | 4706002261              | Plate              | 2    |                                                |            |               |      |
| 34       | 4062000268 <sup>*</sup> | Shim               | 2    |                                                |            |               |      |
| 35       | 4706002262              | Plate              | 2    |                                                |            |               |      |
| 36       | 4062000269 <sup>*</sup> | Shim               | 2    |                                                |            |               |      |
| 37       | 7912000067              | Tubing             | 1    |                                                |            |               |      |
| 38       | 7209000024              | Split Bushing      | 12   |                                                |            |               |      |
| 39       | 7445101025              | Union              | 4    |                                                |            |               |      |
| 40       | 7912000065              | Tubing             | 1    |                                                |            |               |      |
| 41       | 7912000066              | Tubing             | 1    |                                                |            |               |      |
| 42       | 7912000064              | Tubing             | 1    |                                                |            |               |      |
| 43       | 7209000031              | Bushing            | 6    |                                                |            |               |      |
| 44       | 7912000063              | Tubing             | 1    |                                                |            |               |      |
| 45       | 7209000032              | Bushing            | 6    |                                                |            |               |      |
| 46       | 7445080825              | Union              | 2    |                                                |            |               |      |
| 47       | 7912000068              | Tubing             | 2    |                                                |            |               |      |
| 48       | 7445121225              | Union              | 2    |                                                |            |               |      |
| 49       | 7912000062              | Tubing             | 1    |                                                |            |               |      |
| 50       | 7912000070              | Tubing             | 6    |                                                |            |               |      |
| 51       | 7209000023              | Split Bushing      | 12   |                                                |            |               |      |
| 52       | 7912000069              | Tubing             | 2    |                                                |            |               |      |
| 53       | 7209000033              | Bushing            | 4    |                                                |            |               |      |

JERR-DAN

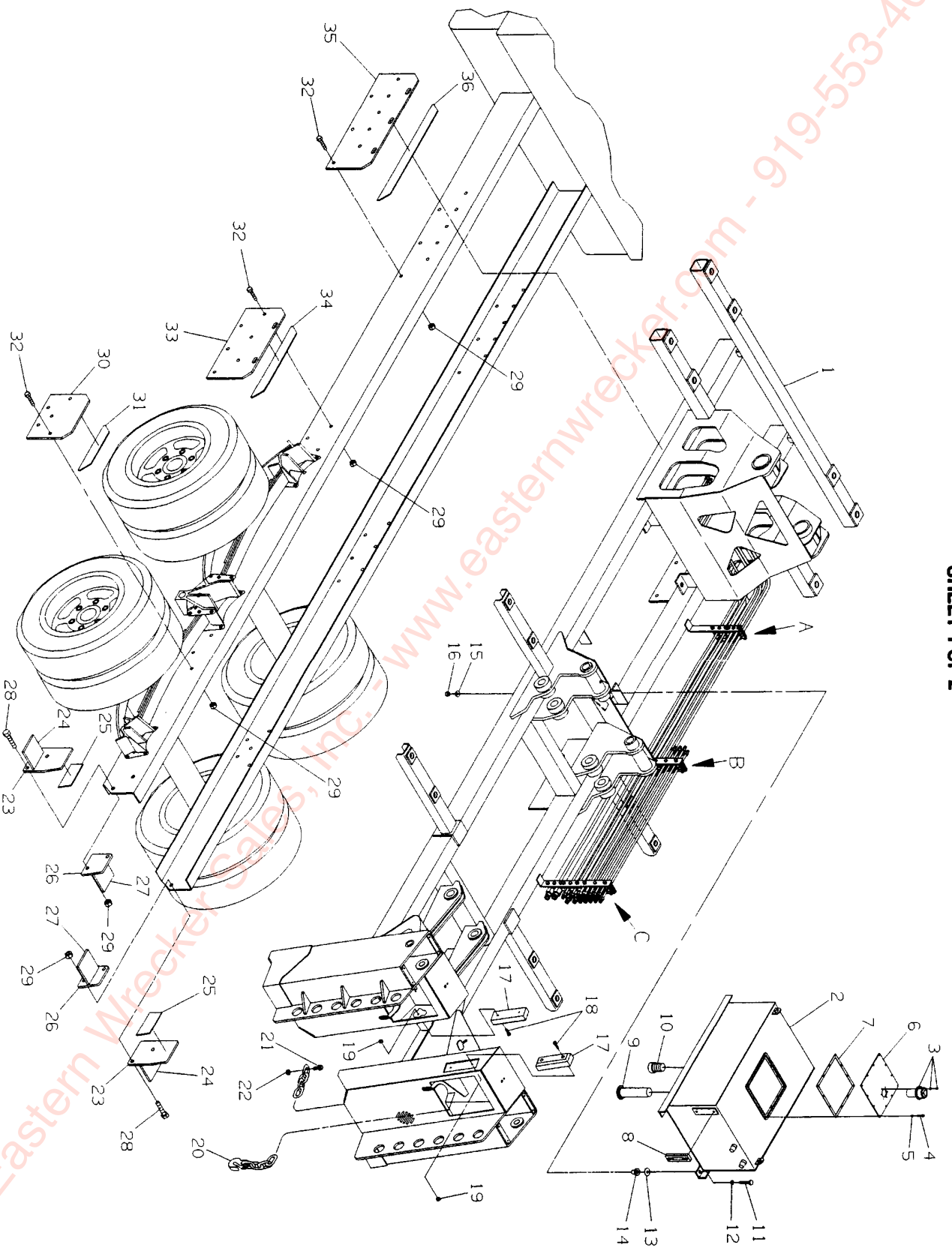
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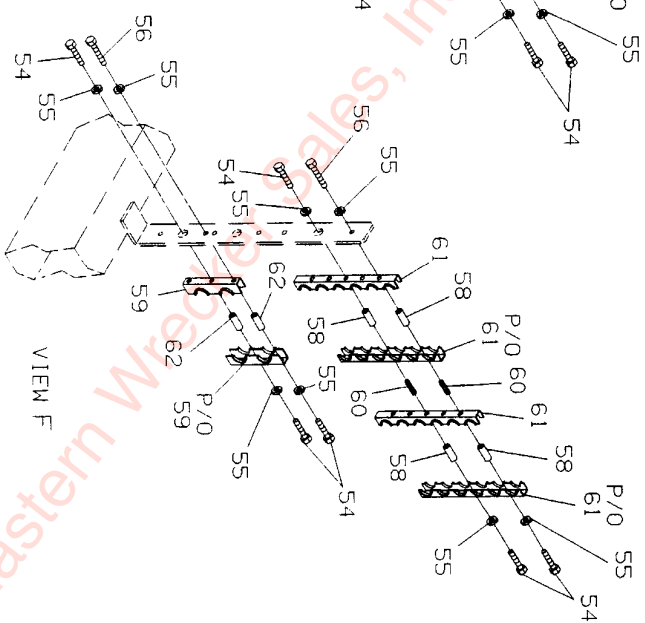
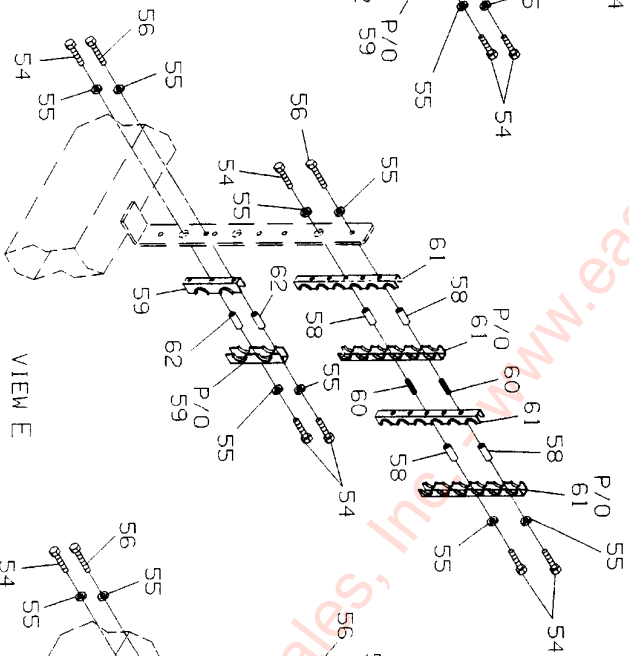
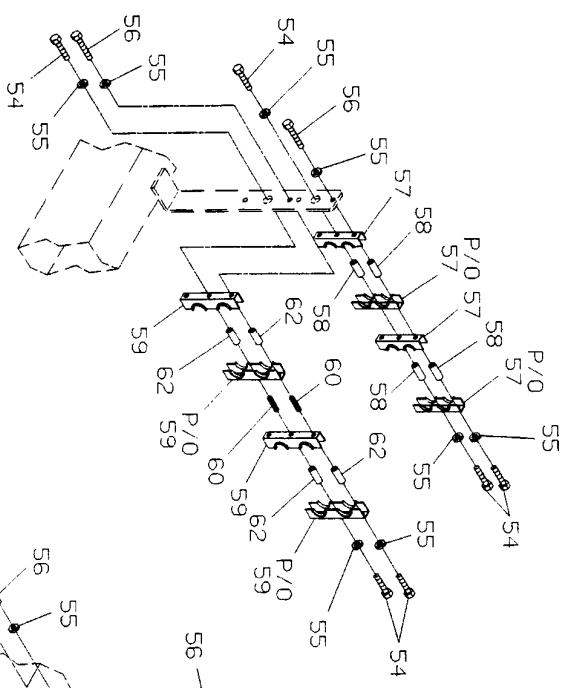
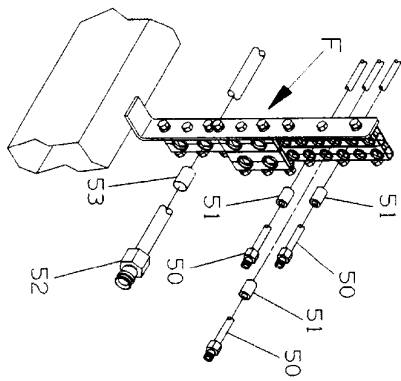
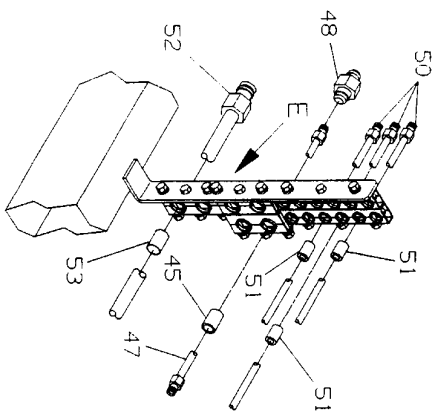
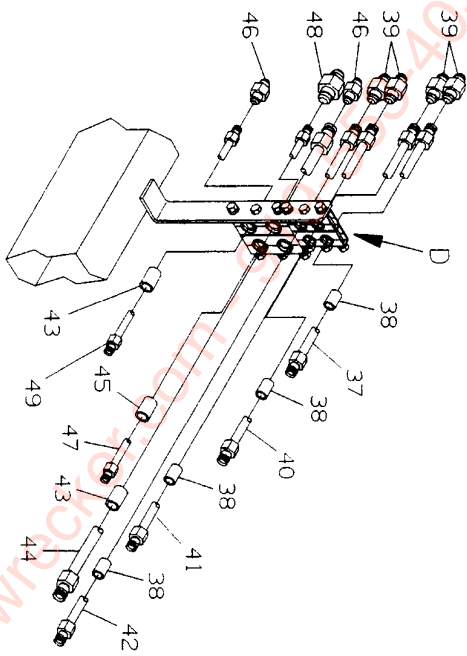
# SUBFRAME, HYDRAULIC TANK INSTALLATION SHEET 1 OF 2



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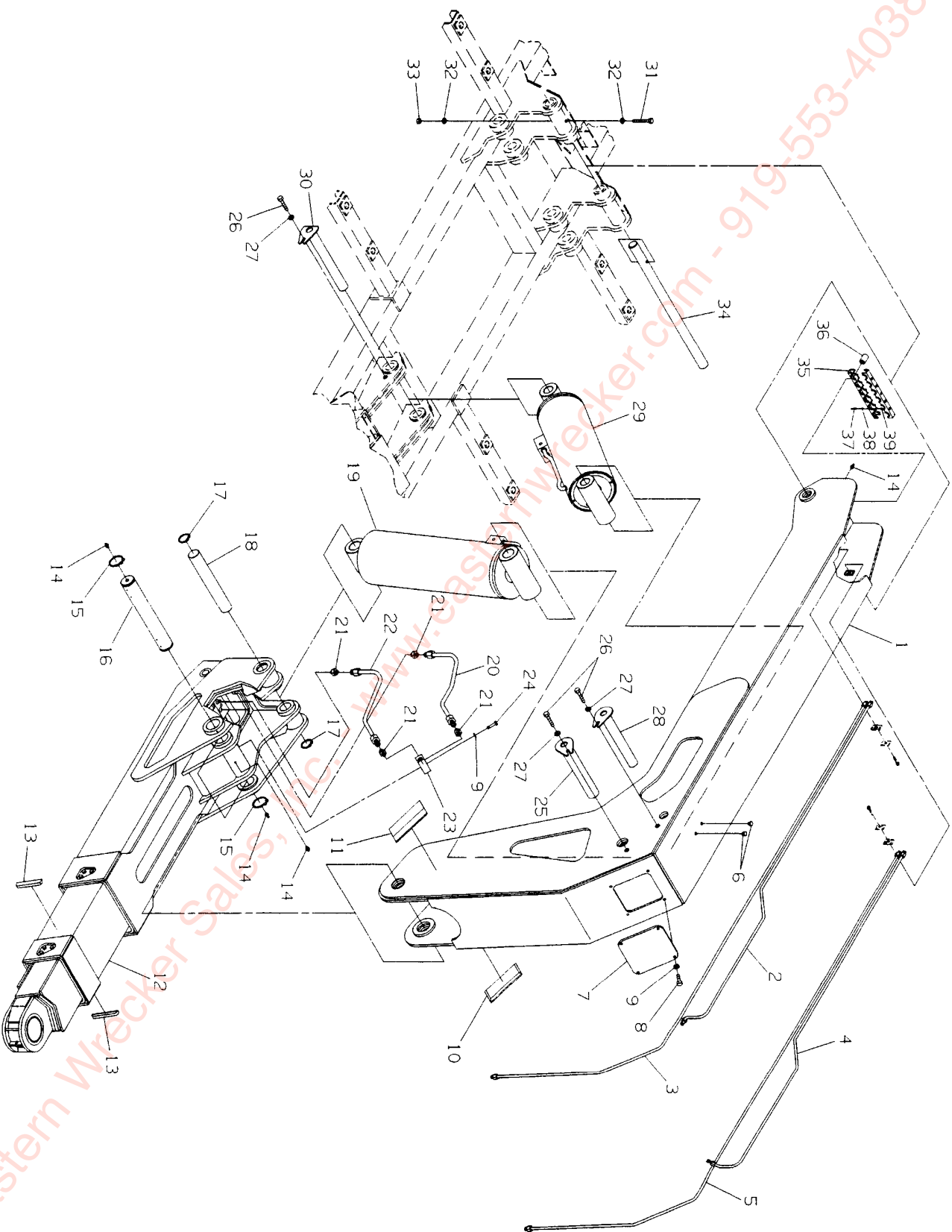
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# SUBFRAME, HYDRAULIC TANK INSTALLATION SHEET 2 OF 2





# UNDERLIFT INSTALLATION



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## PARTS LIST — UNDERLIFT INSTALLATION

| Ref. No. | Part No.   | Description        | Qty. |
|----------|------------|--------------------|------|
| 1        | 3170000126 | Lift Boom Weldment | 1    |
| 2        | 7912000055 | Tubing             | 1    |
| 3        | 7912000057 | Tubing             | 1    |
| 4        | 7912000056 | Tubing             | 1    |
| 5        | 7912000058 | Tubing             | 1    |
| 6        | 7189000017 | Bumper             | 2    |
| 7        | 4706002206 | Cover              | 1    |
| 8        | 7115161250 | Capscrew           | 4    |
| 9        | 7950160000 | Lockwasher         | 6    |
| 10       | 4062000277 | Bar                | 1    |
| 11       | 4062000276 | Bar                | 1    |
| 12       | 3507100001 | Underlift Assy     | 1    |
| 13       | 4706002227 | Plate              | 2    |
| 14       | 7440030000 | Grease Fitting     | 4    |
| 15       | 7754000018 | Retaining Ring     | 2    |
| 16       | 4691000291 | Pin                | 1    |
| 17       | 7754000051 | Retaining Ring     | 2    |
| 18       | 4691000290 | Pin                | 1    |
| 19       | 7320000025 | Tilt Cylinder      | 1    |
| 20       | 7912000060 | Tubing             | 1    |
| 21       | 7445060643 | Adapter            | 4    |
| 22       | 7912000059 | Tubing             | 1    |
| 23       | 4619000006 | Manifold           | 1    |
| 24       | 7115161650 | Capscrew           | 2    |
| 25       | 3691000154 | Pin                | 1    |
| 26       | 7115180650 | Capscrew           | 3    |
| 27       | 7950180000 | Lockwasher         | 3    |
| 28       | 3691000153 | Pin                | 1    |
| 29       | 7320000024 | Lift Cylinder      | 1    |
| 30       | 3691000152 | Pin                | 1    |
| 31       | 7115183250 | Capscrew           | 1    |
| 32       | 7950180161 | Flatwasher         | 2    |
| 33       | 7660182601 | Locknut            | 1    |
| 34       | 4691000284 | Pin                | 1    |
| 35       | 7274000030 | Clamping Unit      | 1    |
| 36       | 7209000025 | Bushing            | 4    |
| 37       | 7115150650 | Capscrew           | 7    |
| 38       | 7950150000 | Lockwasher         | 7    |
| 39       | 7661000022 | Stacking Nut       | 5    |

**PARTS LIST — UNDERLIFT ASSEMBLY**

| Ref. No. | Part No.   | Description        | Qty. |
|----------|------------|--------------------|------|
| 1        | 3170000125 | Base Boom Weldment | 1    |
| 2        | 4706002207 | Cover              | 1    |
| 3        | 7115140650 | Capscrew           | 4    |
| 4        | 7950140000 | Lockwasher         | 4    |
| 5        | 7754000043 | Snap Ring          | 4    |
| 6        | 4691000292 | Pin                | 1    |
| 7        | 7440030000 | Grease Fitting     | 1    |
| 8        | 4679000147 | Pad                | 2    |
| 9        | 7114140518 | Capscrew           | 10   |
| 10       | 4679000146 | Pad                | 8    |
| 11       | 4706002209 | Stop, RH           | 1    |
| 12       | 4812000057 | Shim               | 4    |
| 13       | 7108181050 | Capscrew           | 6    |
| 14       | 7950180153 | Flatwasher         | 12   |
| 15       | 4706002211 | Stop, LH           | 1    |
| 16       | 3170000124 | Mid Boom Weldment  | 1    |
| 17       | 4706002208 | Stop, RH           | 1    |
| 18       | 4706002210 | Stop, LH           | 1    |
| 19       | 7108180850 | Capscrew           | 6    |
| 20       | 3170000123 | Fly Boom Weldment  | 1    |
| 21       | 4691000293 | Pin                | 1    |
| 22       | 7320000026 | Cylinder           | 1    |

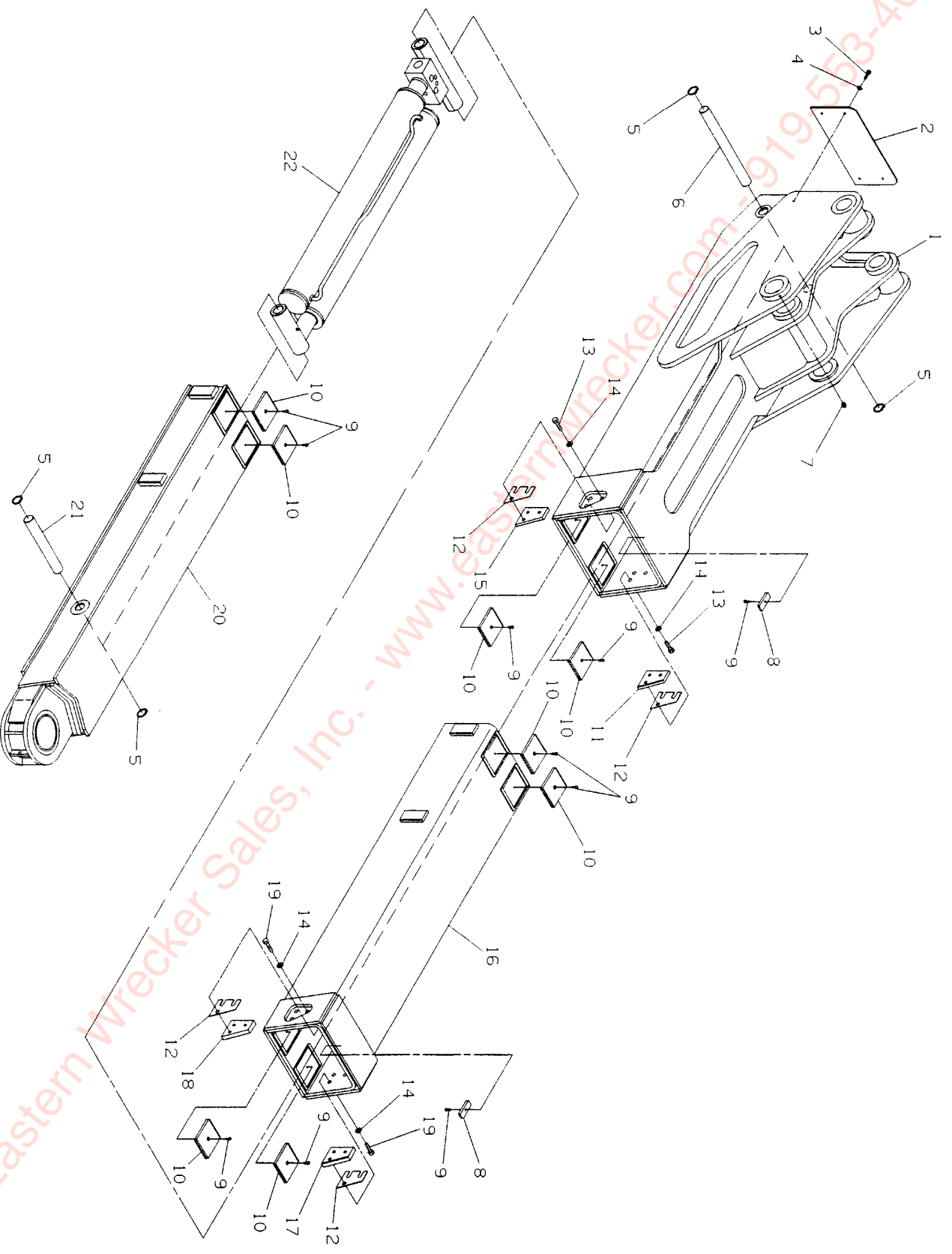
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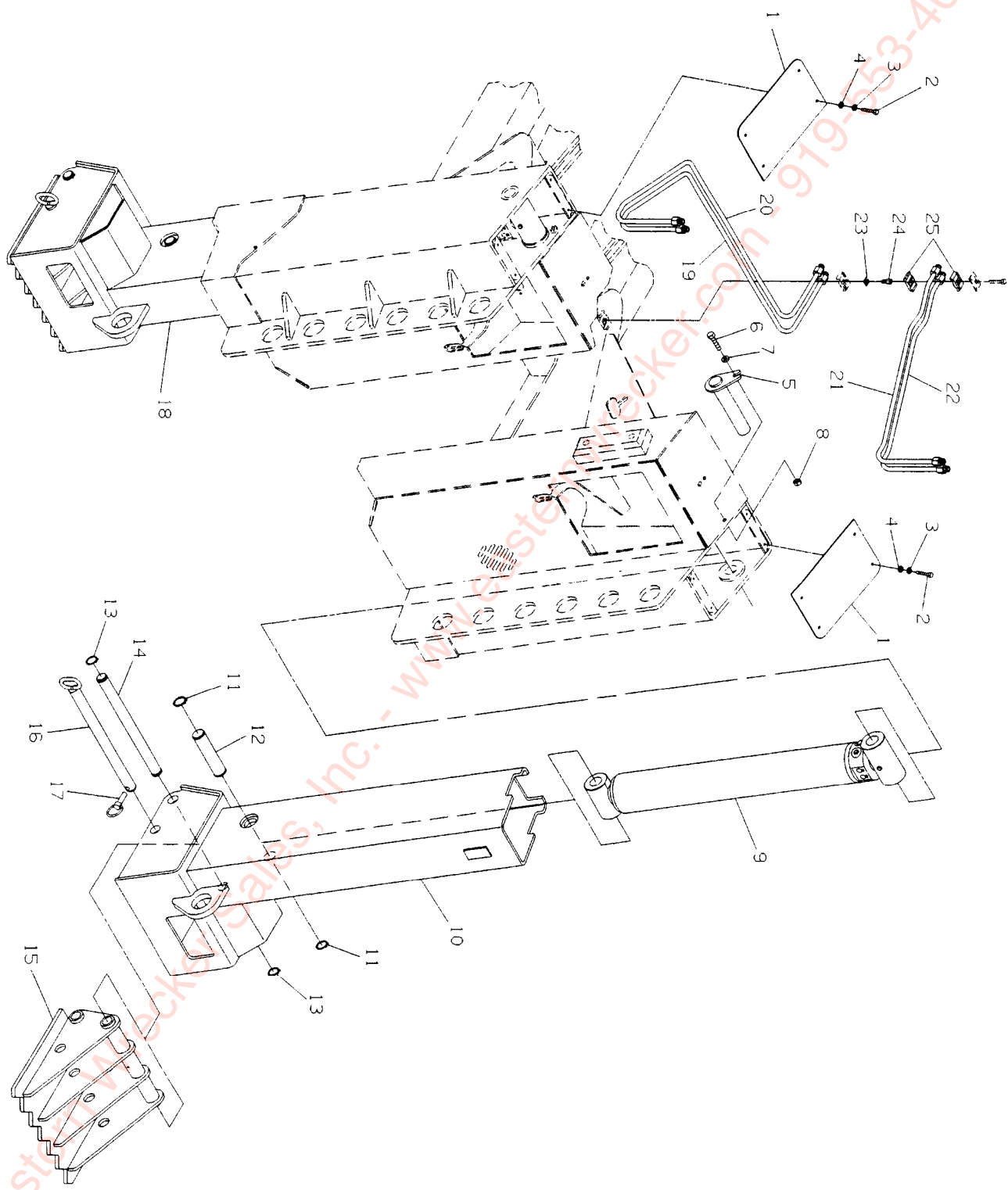
# UNDERLIFT ASSEMBLY



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SPADE INSTALLATION



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# **PARTS LIST — SPADE INSTALLATION**

| Ref. No. | Part No.   | Description        | Qty. |
|----------|------------|--------------------|------|
| 1        | 4706002113 | Plate              | 2    |
| 2        | 7115140650 | Capscrew           | 8    |
| 3        | 7950140000 | Lockwasher         | 8    |
| 4        | 7950140151 | Flatwasher         | 8    |
| 5        | 3691000139 | Pin                | 2    |
| 6        | 7115161250 | Capscrew           | 2    |
| 7        | 7950160151 | Flatwasher         | 2    |
| 8        | 7660162601 | Locknut            | 2    |
| 9        | 7320000006 | Spade Cylinder     | 2    |
| 10       | 3263000061 | Spade Weldment, RH | 1    |
| 11       | 7754000033 | Retaining Ring     | 4    |
| 12       | 4691000207 | Pin                | 2    |
| 13       | 7754000008 | Retaining Ring     | 4    |
| 14       | 4691000200 | Pin                | 2    |
| 15       | 3706000094 | Spade Foot         | 2    |
| 16       | 3691000126 | Pin                | 2    |
| 17       | 7691000019 | Lynch Pin          | 2    |
| 18       | 3263000062 | Spade Weldment, LH | 1    |
| 19       | 7912000074 | Tube               | 1    |
| 20       | 7912000073 | Tube               | 1    |
| 21       | 7912000072 | Tube               | 1    |
| 22       | 7912000071 | Tube               | 1    |
| 23       | 7949000050 | Safety Washer      | 1    |
| 24       | 7661000030 | Bolt               | 1    |
| 25       | 7274000037 | Half Clamp         | 1    |

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**PARTS LIST — UNDERLIFT LIFT CYLINDER**  
**7320000024**

| Ref. No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 9912250006  | Tube Assy            | 1    |
| 2        | 9701250005  | Bleeder Plug         | 1    |
| 3        | 9796250079* | Washer Seal          | 1    |
| 4        | 9701250007  | Port Plug            | 2    |
| 5        | 7935000139  | Counterbalance Valve | 1    |
| 6        | 9754250019* | Wear Ring            | 4    |
| 7        | 9796250072* | Seal                 | 1    |
| 8        | 9796250083* | Wiper Seal           | 1    |
| 9        | 7440030000  | Lube Fitting         | 2    |
| 10       | 9786250005  | Setscrew             | 1    |
| 11       | 9254250007  | Headcap              | 1    |
| 12       | 9754250011* | Back-Up Ring         | 1    |
| 13       | 9796250068* | O-Ring               | 1    |
| 14       | 9553250008  | Head                 | 1    |
| 15       | 9763250011  | Rod Assy             | 1    |
| 16       | 9796250062* | O-Ring               | 1    |
| 17       | 9698250006  | Piston               | 1    |
| 18       | 9754250017* | Wear Ring            | 4    |
| 19       | 9796250076* | Seal                 | 1    |
| 20       | 9661250017  | Locknut              | 1    |

\* Available only in Service Kit #7577250187

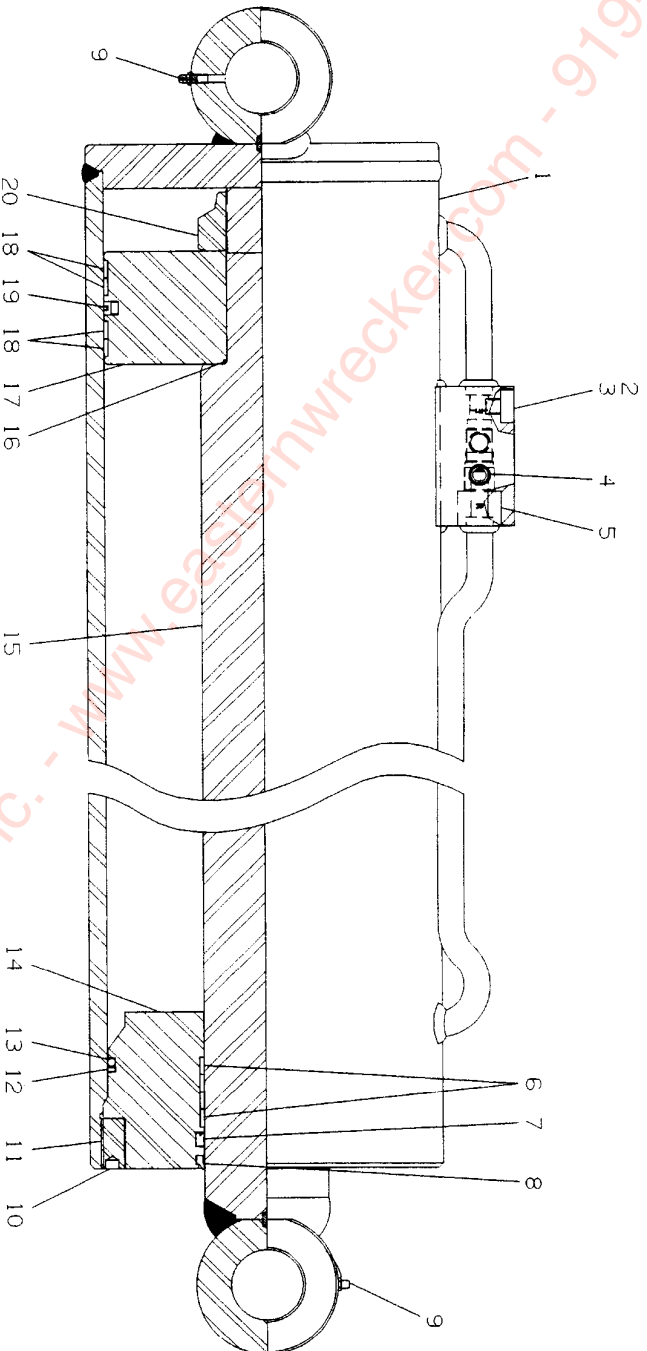
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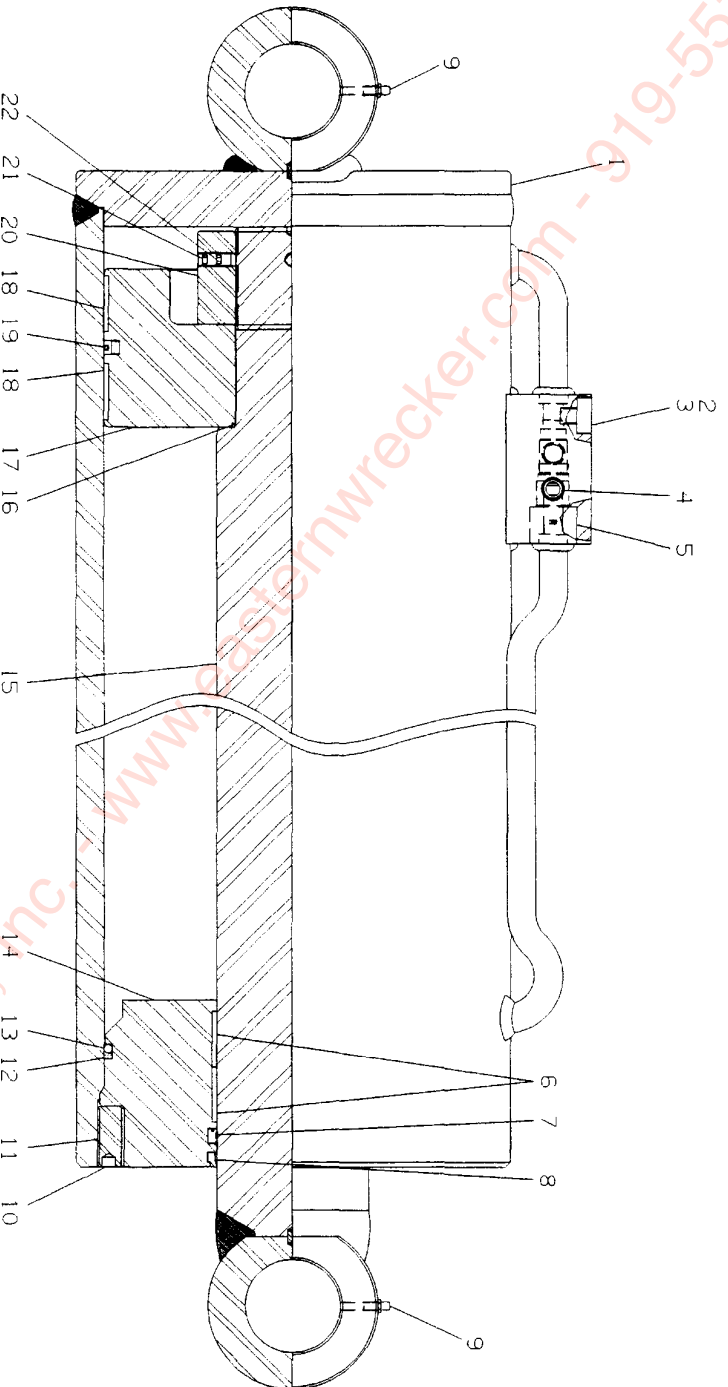
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UNDERLIFT LIFT CYLINDER  
7320000024





**UNDERLIFT TILT CYLINDER**  
7320000025



**PARTS LIST — UNDERLIFT TILT CYLINDER  
7320000025**

| Ref. No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 9912250008  | Tube Assy            | 1    |
| 2        | 9701250005  | Bleeder Plug         | 1    |
| 3        | 9796250079* | Washer Seal          | 1    |
| 4        | 9701250007  | Port Plug            | 2    |
| 5        | 7935000139  | Counterbalance Valve | 1    |
| 6        | 9754250023* | Wear Ring            | 2    |
| 7        | 9796250078* | Seal                 | 1    |
| 8        | 9796250084* | Wiper Seal           | 1    |
| 9        | 7440030000  | Lube Fitting         | 2    |
| 10       | 9786250005  | Setscrew             | 1    |
| 11       | 9254250008  | Headcap              | 1    |
| 12       | 9754250012* | Back-Up Ring         | 1    |
| 13       | 9796250059* | O-Ring               | 1    |
| 14       | 9553250003  | Head                 | 1    |
| 15       | 9763250013  | Rod Assy             | 1    |
| 16       | 9796250065* | O-Ring               | 1    |
| 17       | 9698250005  | Piston               | 1    |
| 18       | 9754250022* | Wear Ring            | 2    |
| 19       | 9796250077* | Seal                 | 1    |
| 20       | 9661250019  | Nut                  | 1    |
| 21       | 9786250004  | Setscrew             | 4    |
| 22       | 9701250006  | Plug                 | 2    |

\* Available only in Service Kit #7577250188

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**PARTS LIST — UNDERLIFT EXT. CYLINDER**  
**7320000026**

| Ref. No. | Part No.    | Description              | Qty. |
|----------|-------------|--------------------------|------|
| 1        | 9701250005  | Bleeder Plug             | 2    |
| 2        | 9796250079* | Washer Seal              | 2    |
| 3        | 9661250016  | Locknut                  | 2    |
| 4        | 9754250014* | Wear Ring                | 2    |
| 5        | 9796250073* | Seal                     | 2    |
| 6        | 9698250004  | Piston                   | 2    |
| 7        | 9796250061* | O-Ring                   | 2    |
| 8        | 9912250009  | Tube Assy                | 1    |
| 9        | 9763250014  | Rod Assy                 | 1    |
| 10       | 9796250057* | O-Ring                   | 2    |
| 11       | 9754250009* | Back-Up Ring             | 2    |
| 12       | 9754250020* | Wear Ring                | 4    |
| 13       | 9796250070* | Seal                     | 2    |
| 14       | 9796250058* | O-Ring                   | 2    |
| 15       | 9553250005  | Head                     | 1    |
| 16       | 9796250081* | Wiper Seal               | 2    |
| 17       | 7440030000  | Lube Fitting             | 2    |
| 18       | 9763250008  | Rod-Tube Assy            | 1    |
| 19       | 9553250007  | Head                     | 1    |
| 20       | 9701250007  | Port Plug                | 2    |
| 21       | 9935250025  | Cartridge Check Kit Assy | 1    |

\* Available only in Service Kit #7577250189

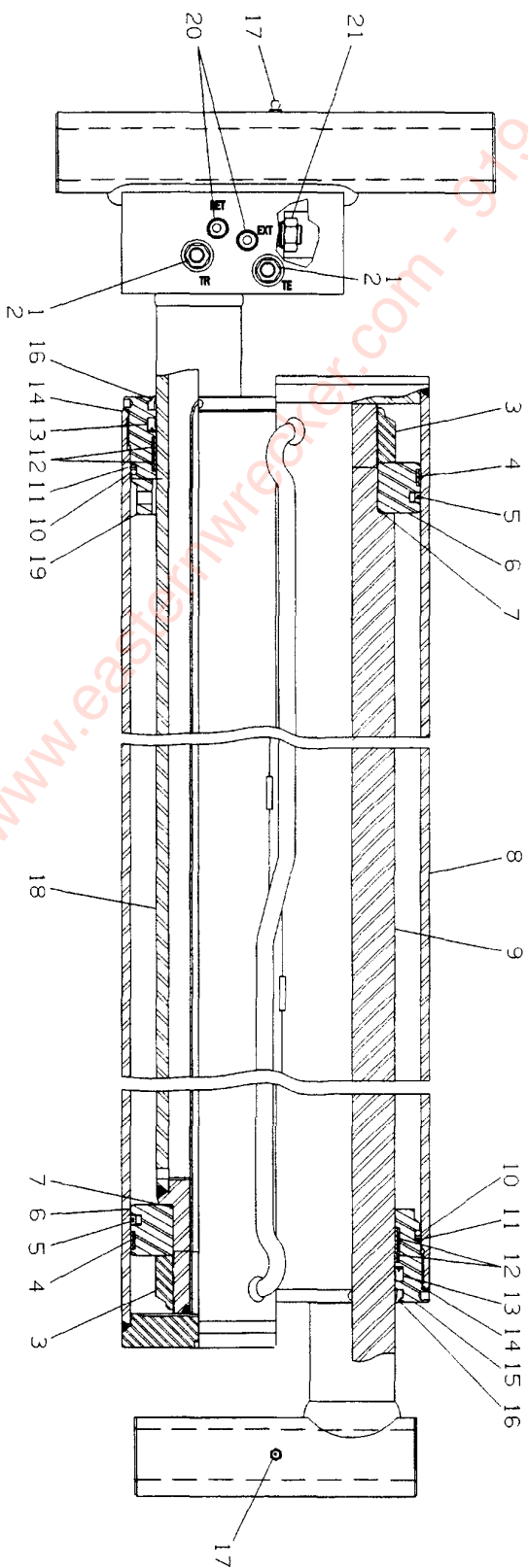
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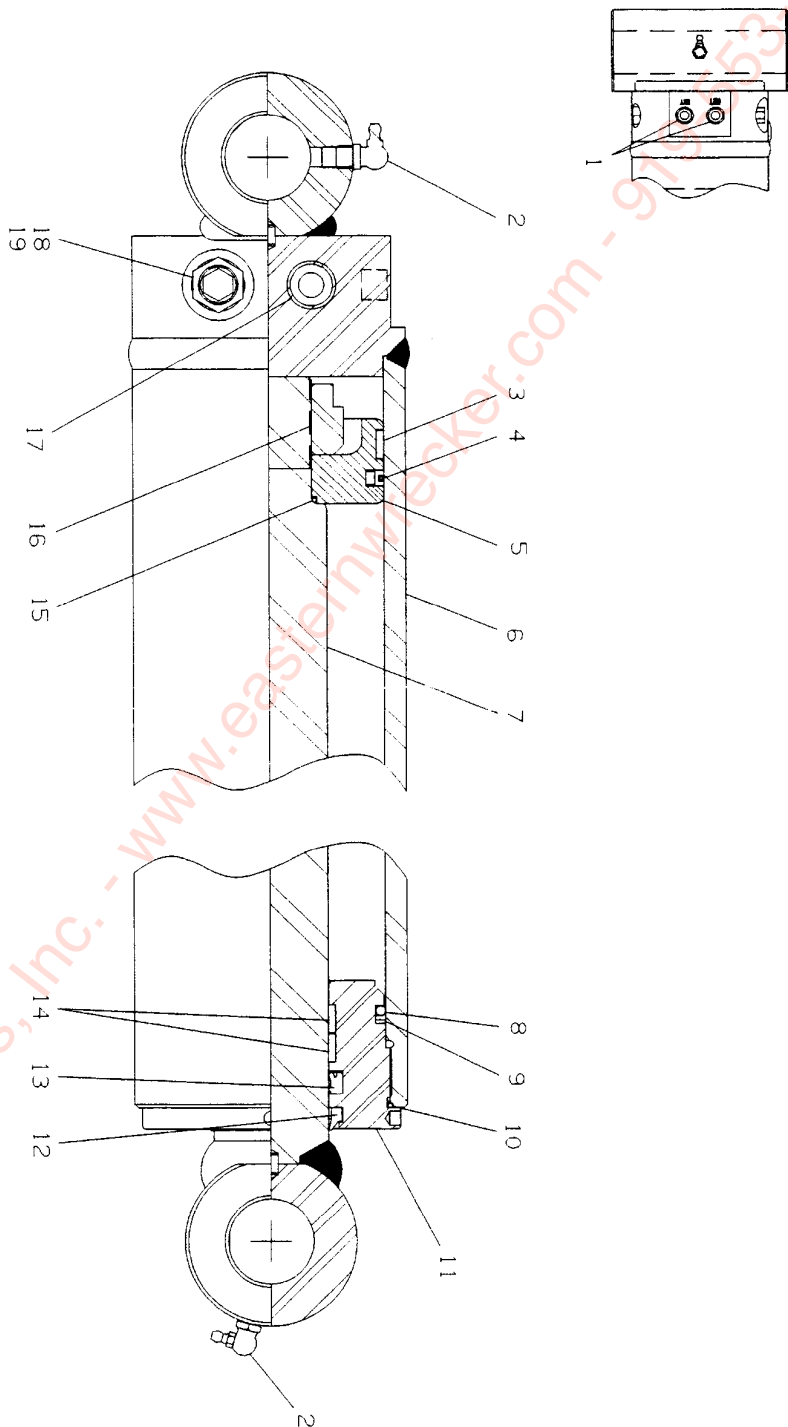
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**UNDERLIFT EXT. CYLINDER**  
7320000026



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**SPADE CYLINDER**  
7320000006



**PARTS LIST — SPADE CYLINDER**  
**7320000006**

| Ref. No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 9701250007  | Port Plug            | 2    |
| 2        | 7440030400  | Lube Fitting         | 2    |
| 3        | 9754250014* | Wear Ring            | 1    |
| 4        | 9796250073* | Seal                 | 1    |
| 5        | 9698250007  | Piston               | 1    |
| 6        | 9912250004  | Tube Assy            | 1    |
| 7        | 9763250009  | Rod Assy             | 1    |
| 8        | 9796250057* | O-Ring               | 1    |
| 9        | 9754250009* | Back-Up Ring         | 1    |
| 10       | 9796250066* | O-Ring               | 1    |
| 11       | 9553250009  | Head                 | 1    |
| 12       | 9796250080* | Wiper Seal           | 1    |
| 13       | 9796250069* | Seal                 | 1    |
| 14       | 9754250015* | Wear Ring            | 2    |
| 15       | 9796250061* | O-Ring               | 1    |
| 16       | 9661250016  | Locknut              | 1    |
| 17       | 7935000139  | Counterbalance Valve | 2    |
| 18       | 9796250079* | Washer Seal          | 2    |
| 19       | 9701250005  | Bleeder Plug         | 2    |

\* Available only in Service Kit #7577000167

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## BODY PARTS

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Part Number 5-376-000043

**PARTS LIST — BODY, MUDFLAP AND  
TOOLHOLDERS INSTALLATION**

| Ref. No. | Part No.   | Description                                | Qty. |
|----------|------------|--------------------------------------------|------|
| 1        | 4017000719 | Angle                                      | 2    |
| 2        | 7118151250 | Capscrew                                   | 12   |
| 3        | 7950150151 | Flatwasher                                 | 40   |
| 4        | 7638000007 | Mudflap                                    | 2    |
| 5        | 4706001815 | Plate                                      | 2    |
| 6        | 7660152601 | Locknut                                    | 20   |
| 7        | 4178000242 | Bracket                                    | 2    |
| 8        | 7115150850 | Capscrew                                   | 8    |
| 9        | 3178000222 | Basetool Holder                            | 1    |
| 10       | 3178000221 | Intermediate Tool Holder                   | 2    |
| 11       | 3178000220 | Top Tool Holder                            | 1    |
| 12       | 7115160850 | Capscrew                                   | 16   |
| 13       | 7660160001 | Nut                                        | 19   |
| 14       | 7115161050 | Capscrew                                   | 3    |
| 15       | 4812000047 | Shim                                       | 1    |
| 16       | 3502080063 | St. Alone Body Assy,<br>52" Tandem, LH     | 1    |
|          | 3502080064 | St. Alone Body Assy,<br>52" Tandem, RH     | 1    |
|          | 3502080065 | St. Alone Body Assy,<br>58.5" Tandem, LH   | 1    |
|          | 3502080066 | St. Alone Body Assy,<br>58.5" Tandem, RH   | 1    |
|          | 3502080067 | St. Alone Body Assy,<br>52" Tri Axle, LH   | 1    |
|          | 3502080068 | St. Alone Body Assy,<br>52" Tri Axle, RH   | 1    |
|          | 3502080069 | St. Alone Body Assy,<br>58.5" Tri Axle, LH | 1    |
|          | 3502080070 | St. Alone Body Assy,<br>58.5" Tri Axle, RH | 1    |
| 17       | 7115202850 | Capscrew                                   | 8    |
| 18       | 7950200161 | Flatwasher                                 | 8    |
| 19       | 7949000019 | Washer                                     | 8    |
| 20       | 7636000008 | Mount                                      | 8    |
| 21       | 7949000020 | Washer                                     | 8    |
| 22       | 7660200001 | Nut                                        | 8    |
| 23       | 7115223250 | Capscrew                                   | 8    |
| 24       | 7950220161 | Flatwasher                                 | 8    |
| 25       | 7949000017 | Washer                                     | 8    |
| 26       | 7636000007 | Mount                                      | 8    |
| 27       | 7949000018 | Washer                                     | 8    |
| 28       | 7660220001 | Nut                                        | 8    |

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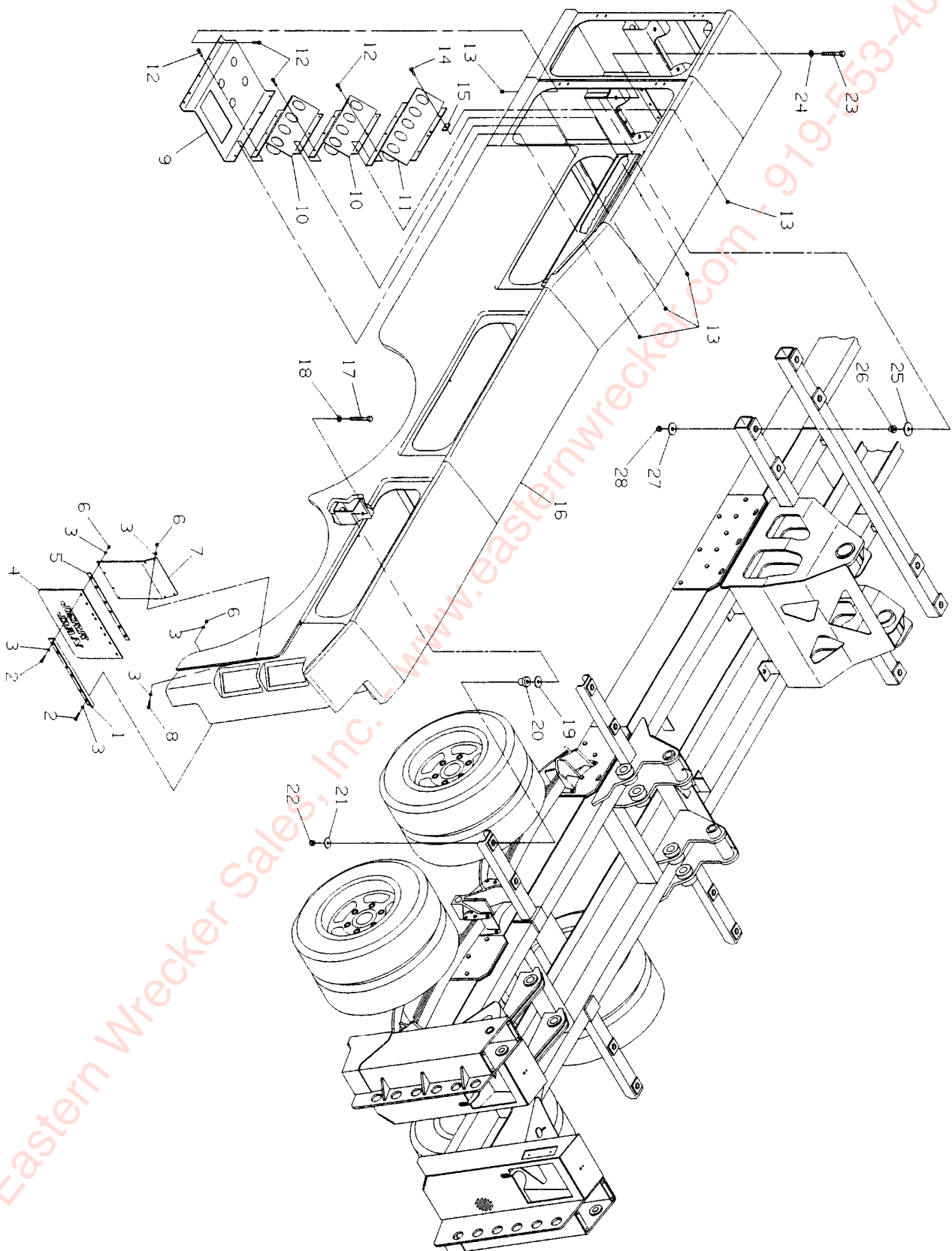
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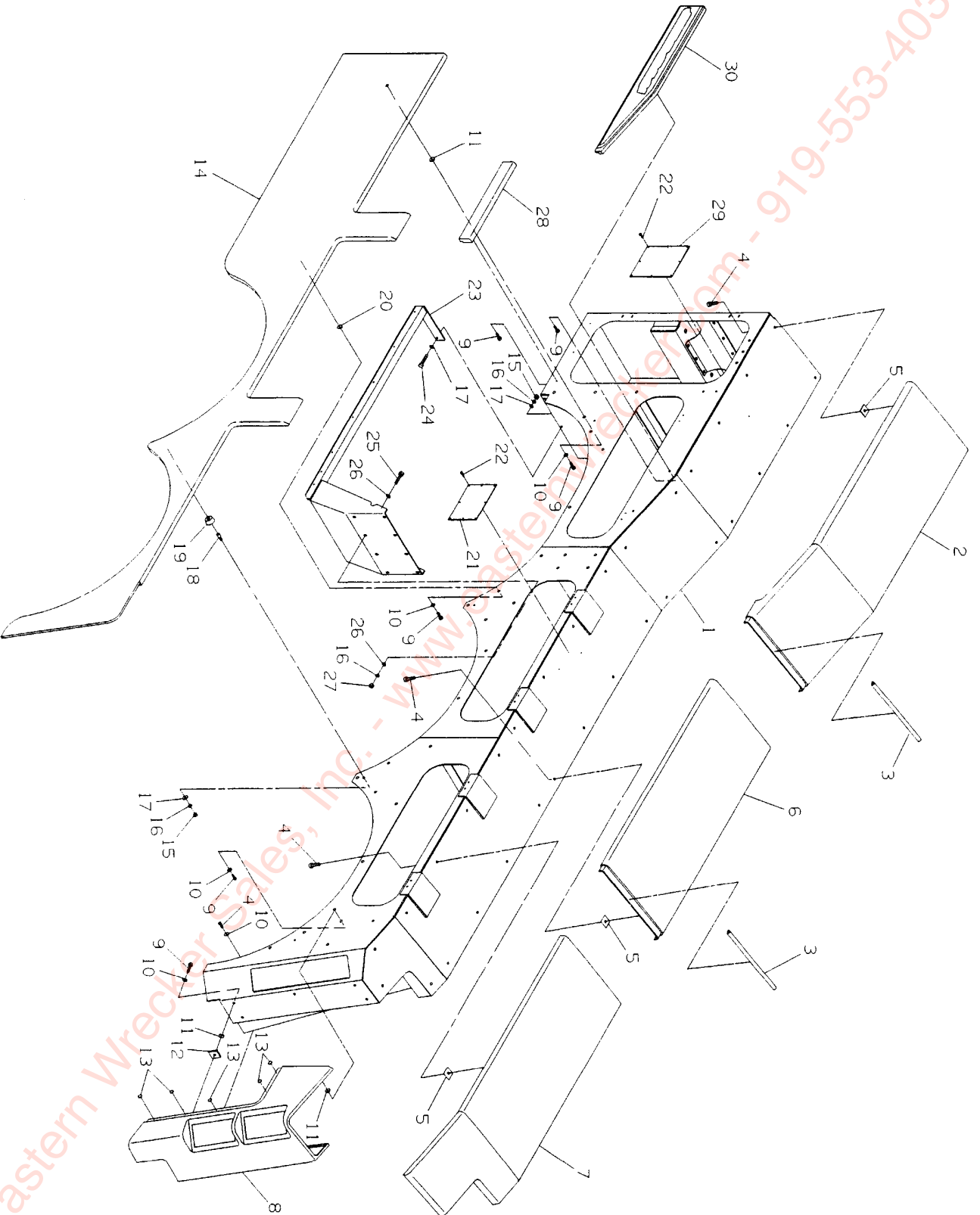
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# **BODY, MUDFLAP AND TOOLHOLDERS INSTALLATION**



# **BODY PANEL - TANDEM AXLE**



# **PARTS LIST — BODY PANEL - TANDEM AXLE**

| Ref. No. | Part No.   | Description                     | Qty. |
|----------|------------|---------------------------------|------|
| 1        | 3502080047 | Body Assy, LH                   | 1    |
|          | 3502080048 | Body Assy, RH                   | 1    |
| 2        | 7686000010 | Front Cap Panel, LH             | 1    |
|          | 7686000009 | Front Cap Panel, RH             | 1    |
| 3        | 7632046022 | Moulding                        | 4    |
| 4        | 7790141251 | Hex Hd Screw                    | 68   |
| 5        | 4679000120 | Pad                             | 62   |
| 6        | 7686000025 | Top Cap Panel, LH               | 1    |
|          | 7686000024 | Top Cap Panel, RH               | 1    |
| 7        | 7686000018 | Rear Cap Panel, LH              | 1    |
|          | 7686000017 | Rear Cap Panel, RH              | 1    |
| 8        | 7686000014 | Tail Light Panel, LH            | 1    |
|          | 7686000013 | Tail Light Panel, RH            | 1    |
| 9        | 7790142051 | Hex Hd Screw                    | 94   |
|          | 7790141651 | Hex Hd Screw (Alternate Part)   | 94   |
| 10       | 7949000022 | Fender Washer                   | 82   |
| 11       | 4636000031 | Rubber Mount                    | 44   |
| 12       | 4679000122 | .38 Rubber Pad                  | 10   |
|          | 4679000121 | .25 Rubber Pad (Alternate Part) | 10   |
| 13       | 7189000015 | Bumper                          | 10   |
| 14       | 4686000089 | 52" Wheelwell Panel, LH         | 1    |
|          | 4686000090 | 52" Wheelwell Panel, RH         | 1    |
|          | 4686000093 | 58.5" Wheelwell Panel, LH       | 1    |
|          | 4686000094 | 58.5" Wheelwell Panel, RH       | 1    |
| 15       | 7660160001 | Nut                             | 12   |
| 16       | 7950160000 | Lockwasher                      | 12   |
| 17       | 7950160161 | Flatwasher                      | 16   |
| 18       | 4691000245 | Pin                             | 8    |
| 19       | 4636000033 | Rubber Mount                    | 8    |
| 20       | 4636000032 | Rubber Mount                    | 34   |
| 21       | 4811000091 | Sheet                           | 2    |
| 22       | 7790100856 | Screw                           | 32   |
| 23       | 3017000028 | Bracket Weldment, LH            | 1    |
|          | 3017000029 | Bracket Weldment, RH            | 1    |
| 24       | 7115161050 | Capscrew                        | 4    |
| 25       | 7115161250 | Capscrew                        | 16   |
| 26       | 7950160151 | Flatwasher                      | 32   |
| 27       | 7660160000 | Nut                             | 16   |
| 28       | 7686000019 | Filler Strip Panel              | 2    |
| 29       | 4811000221 | Sheet                           | 2    |
| 30       | 7686000016 | Logo Panel, LH                  | 1    |
|          | 7686000015 | Logo Panel, RH                  | 1    |

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# **PARTS LIST — BODY PANEL - TRIPLE AXLE**

| Ref. No. | Part No.   | Description                     | Qty. |
|----------|------------|---------------------------------|------|
| 1        | 3502080047 | Body Assy, LH                   | 1    |
|          | 3502080048 | Body Assy, RH                   | 1    |
| 2        | 7686000010 | Front Cap Panel, LH             | 1    |
|          | 7686000009 | Front Cap Panel, RH             | 1    |
| 3        | 7632046022 | Moulding                        | 4    |
| 4        | 7790141251 | Hex Hd Screw                    | 68   |
| 5        | 4679000120 | Pad                             | 62   |
| 6        | 7686000025 | Top Cap Panel, LH               | 1    |
|          | 7686000024 | Top Cap Panel, RH               | 1    |
| 7        | 7686000018 | Rear Cap Panel, LH              | 1    |
|          | 7686000017 | Rear Cap Panel, RH              | 1    |
| 8        | 7686000014 | Tail Light Panel, LH            | 1    |
|          | 7686000013 | Tail Light Panel, RH            | 1    |
| 9        | 7790142051 | Hex Hd Screw                    | 94   |
|          | 7790141651 | Hex Hd Screw (Alternate Part)   | 94   |
| 10       | 7949000022 | Fender Washer                   | 82   |
| 11       | 4636000031 | Rubber Mount                    | 44   |
| 12       | 4679000122 | .38 Rubber Pad                  | 10   |
|          | 4679000121 | .25 Rubber Pad (Alternate Part) | 10   |
| 13       | 7189000015 | Bumper                          | 10   |
| 14       | 4686000091 | 52" Wheelwell Panel, LH         | 1    |
|          | 4686000092 | 52" Wheelwell Panel, RH         | 1    |
|          | 4686000095 | 58.5" Wheelwell Panel, LH       | 1    |
|          | 4686000096 | 58.5" Wheelwell Panel, RH       | 1    |
| 15       | 7660160001 | Nut                             | 8    |
| 16       | 7950160000 | Lockwasher                      | 8    |
| 17       | 7950160161 | Flatwasher                      | 8    |
| 18       | 4691000245 | Pin                             | 8    |
| 19       | 4636000033 | Rubber Mount                    | 8    |
| 20       | 4636000032 | Rubber Mount                    | 34   |
| 21       | 7686000019 | Filler Strip Panel              | 2    |
| 22       | 4811000091 | Sheet                           | 2    |
| 23       | 7790100856 | Screw                           | 32   |
| 24       | 4811000221 | Sheet                           | 2    |
| 25       | 7686000016 | Logo Panel, LH                  | 1    |
|          | 7686000015 | Logo Panel, RH                  | 1    |

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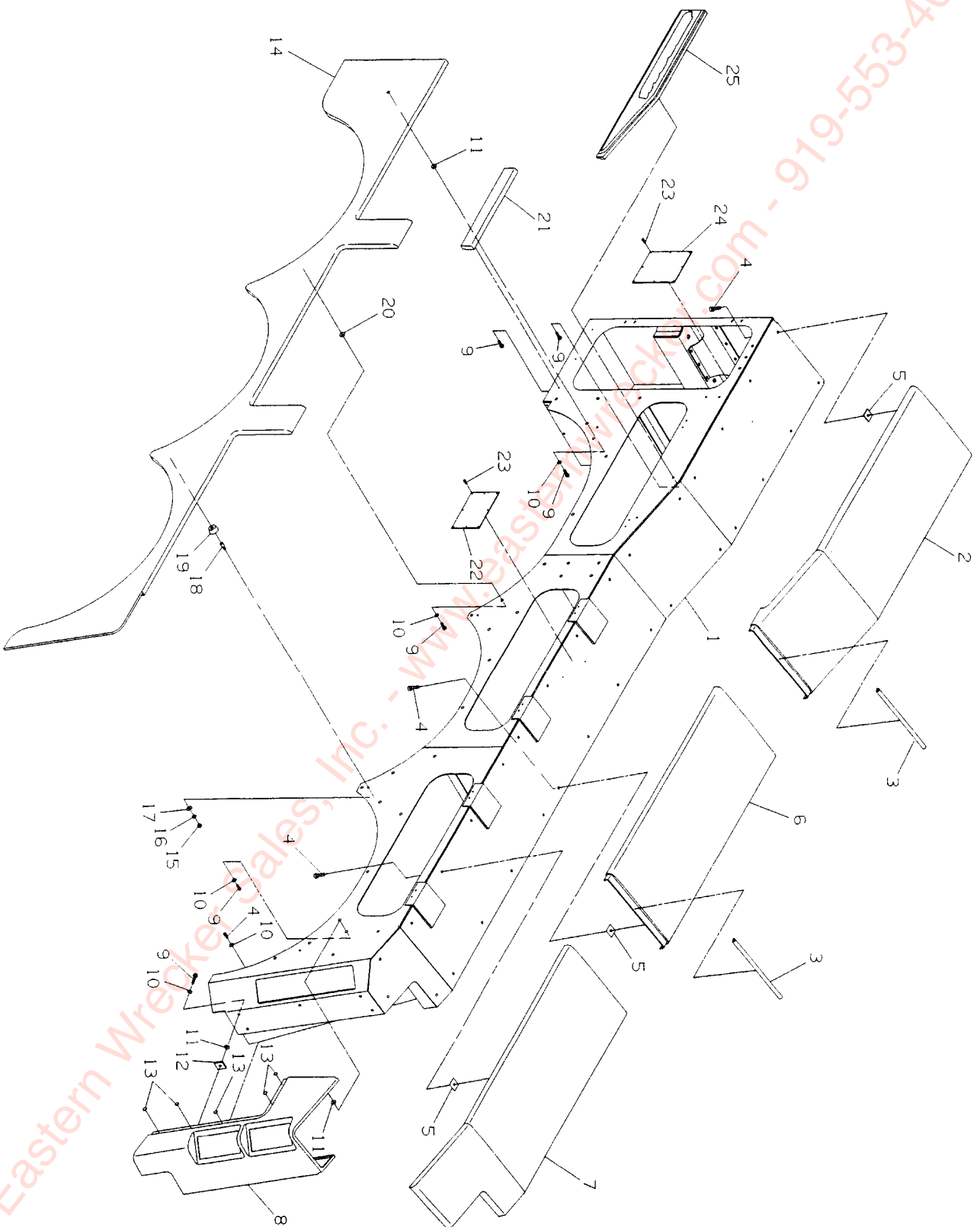
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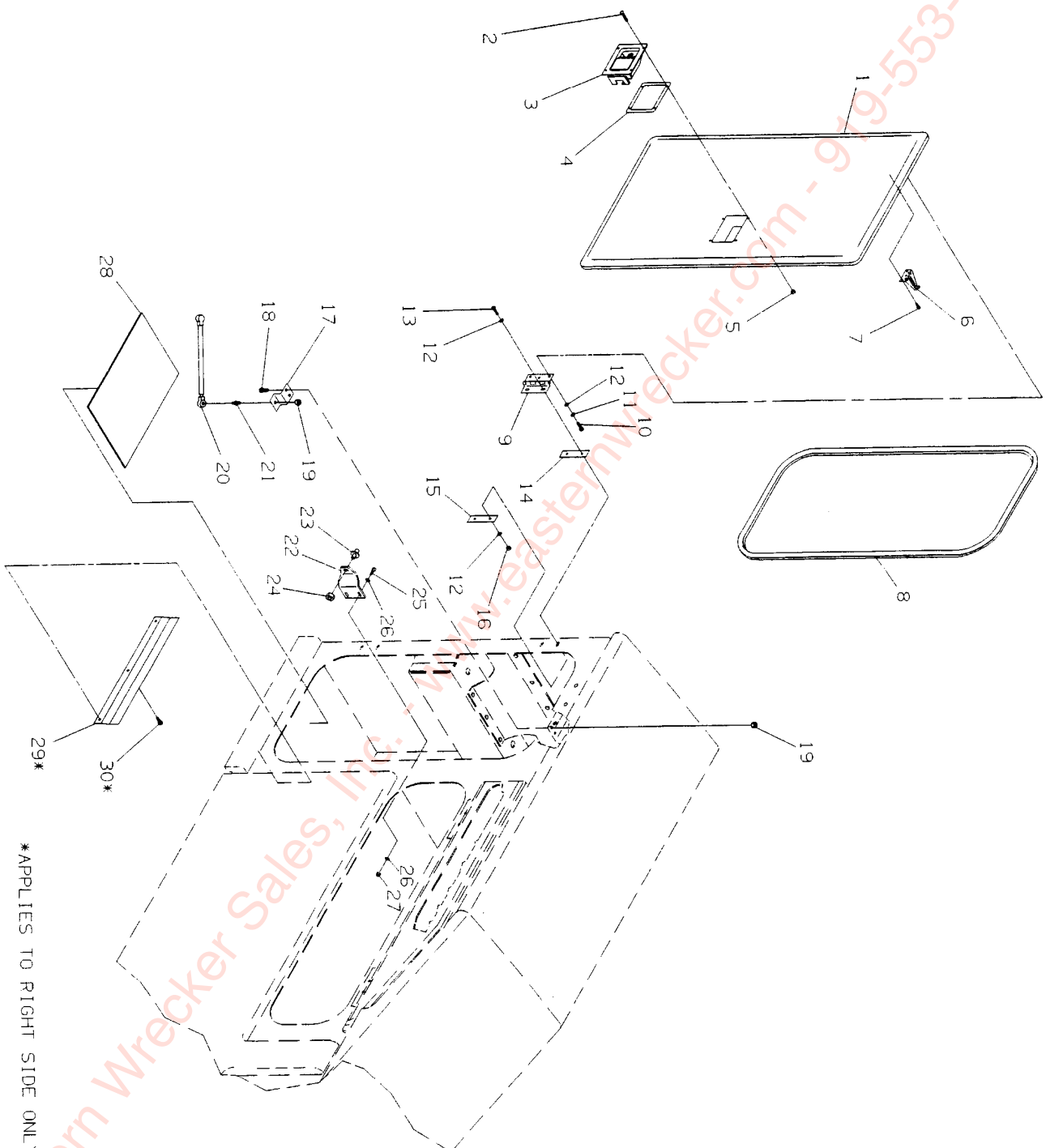
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# **BODY PANEL - TRIPLE AXLE**



# **BODY - DOOR AND HARDWARE ASSEMBLY**



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Date \_\_\_\_\_

# **PARTS LIST — BODY - DOOR AND HARDWARE ASSEMBLY**

| Ref. No. | Part No.      | Description       | Qty. |
|----------|---------------|-------------------|------|
| 1        | 4686000072    | Panel Door, LH    | 1    |
|          | 4686000073    | Panel Door, RH    | 1    |
| 2        | 7114100818    | Capscrew          | 8    |
| 3        | 7595000005    | Paddle Latch      | 2    |
| 4        | 7796000038    | Gasket            | 2    |
| 5        | 7660102601    | Nut               | 8    |
| 6        | 7178000023    | Ball Stud Bracket | 2    |
| 7        | 7114100418    | Capscrew          | 6    |
| 8        | 4632000012    | Door Seal         | 2    |
| 9        | 7555000002    | Hinge             | 4    |
| 10       | 7114140418    | Capscrew          | 12   |
| 11       | 7949000025    | Lockwasher        | 12   |
| 12       | 7950140161    | Flatwasher        | 28   |
| 13       | 7114140818    | Capscrew          | 8    |
| 14       | 4812000052    | Shim              | 4    |
| 15       | 4062000173    | Bar               | 4    |
| 16       | 7660142601    | Locknut           | 8    |
| 17       | 4178000240    | Bracket           | 2    |
| 18       | 7115150650    | Capscrew          | 4    |
| 19       | 7660152601    | Locknut           | 6    |
| 20       | 7843000020    | Spring            | 2    |
| 21       | 7865000001    | Ball Stud         | 2    |
| 22       | 4178000225    | Bracket           | 2    |
| 23       | 7585000004    | Latch Striker     | 2    |
| 24       | 7661000021    | Locknut           | 2    |
| 25       | 7115161050    | Capscrew          | 4    |
| 26       | 7950160141    | Washer            | 6    |
| 27       | 7660162601    | Locknut           | 2    |
| 28       | 4679000118    | Rubber Pad, LH    | 1    |
|          | 4679000114    | Rubber Pad, RH    | 1    |
| 29       | 4811000135(A) | Sheet             | 1    |
| 30       | 7790141651(A) | Hex Head Screw    | 3    |

A — Applies to Right Side only

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# **PARTS LIST — BODY - DOOR AND HARDWARE ASSEMBLY**

| Ref. No. | Part No.   | Description     | Qty. |
|----------|------------|-----------------|------|
| 1        | 4679000117 | Rubber Pad      | 2    |
| 2        | 4679000142 | Rubber Pad      | 2    |
| 3        | 4679000143 | Rubber Pad      | 2    |
| 4        | 4679000141 | Rubber Pad, LH  | 1    |
|          | 4679000144 | Rubber Pad, RH  | 1    |
| 5        | 4686000074 | Horizontal Door | 6    |
| 6        | 4632000013 | Door Seal       | 6    |
| 7        | 3555000007 | Hinge Weldment  | 8    |
| 8        | 7114140518 | Capscrew        | 36   |
| 9        | 7949000025 | Lockwasher      | 36   |
| 10       | 7950100151 | Flatwasher      | 36   |
| 11       | 7115140650 | Capscrew        | 24   |
| 12       | 7950140161 | Flatwasher      | 24   |
| 13       | 7660142601 | Locknut         | 24   |
| 14       | 7843000022 | Spring          | 12   |
| 15       | 7865000001 | Ball Stud       | 12   |
| 16       | 7660152601 | Locknut         | 12   |
| 17       | 7178000023 | Bracket         | 12   |
| 18       | 7114100618 | Capscrew        | 36   |
| 19       | 7660102601 | Nut             | 60   |
| 20       | 3555000008 | Hinge Weldment  | 4    |
| 21       | 4062000174 | Bar             | 4    |
| 22       | 7595000005 | Paddle Latch    | 6    |
| 23       | 7114100818 | Capscrew        | 24   |
| 24       | 7796000038 | Gasket          | 6    |
| 25       | 4178000225 | Bracket         | 6    |
| 26       | 7585000004 | Latch Striker   | 6    |
| 27       | 7661000021 | Locknut         | 6    |
| 28       | 7115161050 | Capscrew        | 12   |
| 29       | 7950160161 | Flatwasher      | 24   |
| 30       | 7660162601 | Locknut         | 12   |

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Date \_\_\_\_\_

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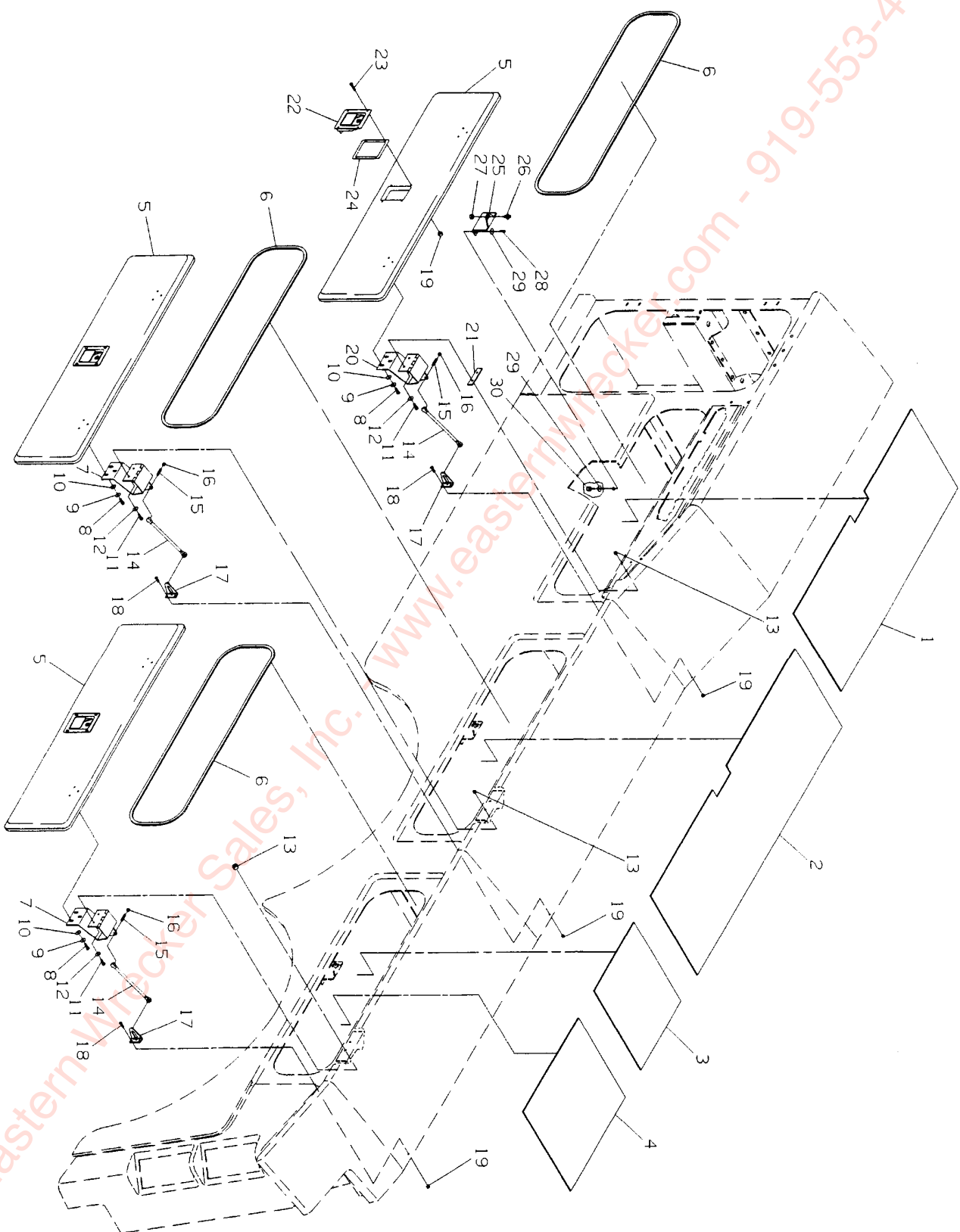
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Eastern Wrecker Sales, Inc. - www.easternwrecker.com - 919-553-4038



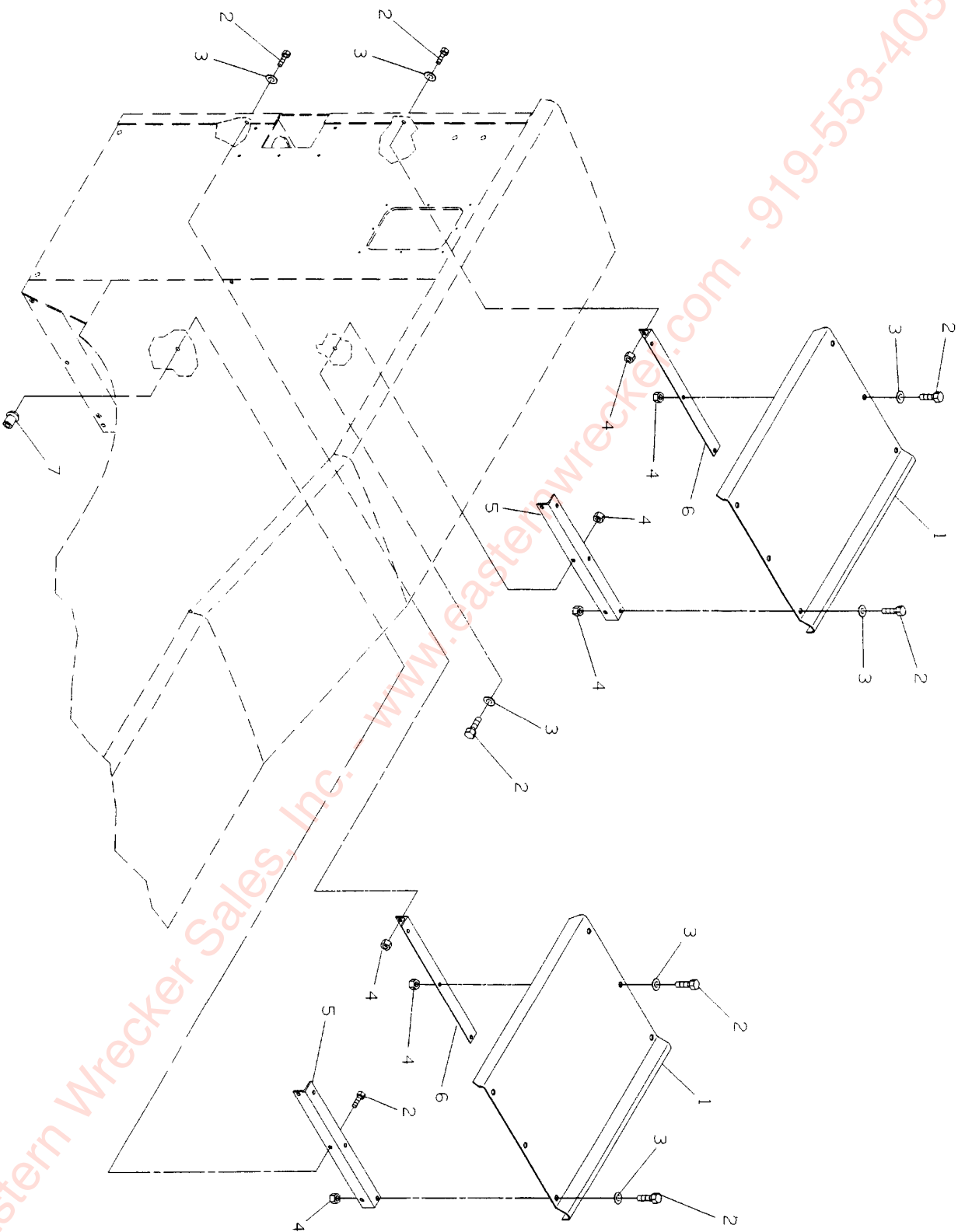
# **BODY - DOOR AND HARDWARE ASSEMBLY**



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Date \_\_\_\_\_

# SHELF ASSEMBLY



**PARTS LIST — SHELF ASSEMBLY**

| <b>Ref. No.</b> | <b>Part No.</b> | <b>Description</b> | <b>Qty.</b> |
|-----------------|-----------------|--------------------|-------------|
| 1               | 4811000142      | Sheet              | 2           |
| 2               | 7115160850      | Capscrew           | 24          |
| 3               | 7950160161      | Flatwasher         | 21          |
| 4               | 7660160001      | Nut                | 21          |
| 5               | 4017000727      | Angle, LH          | 2           |
| 6               | 4017000714      | Angle, RH          | 2           |
| 7               | 7661000003      | Rivnut             | 3           |

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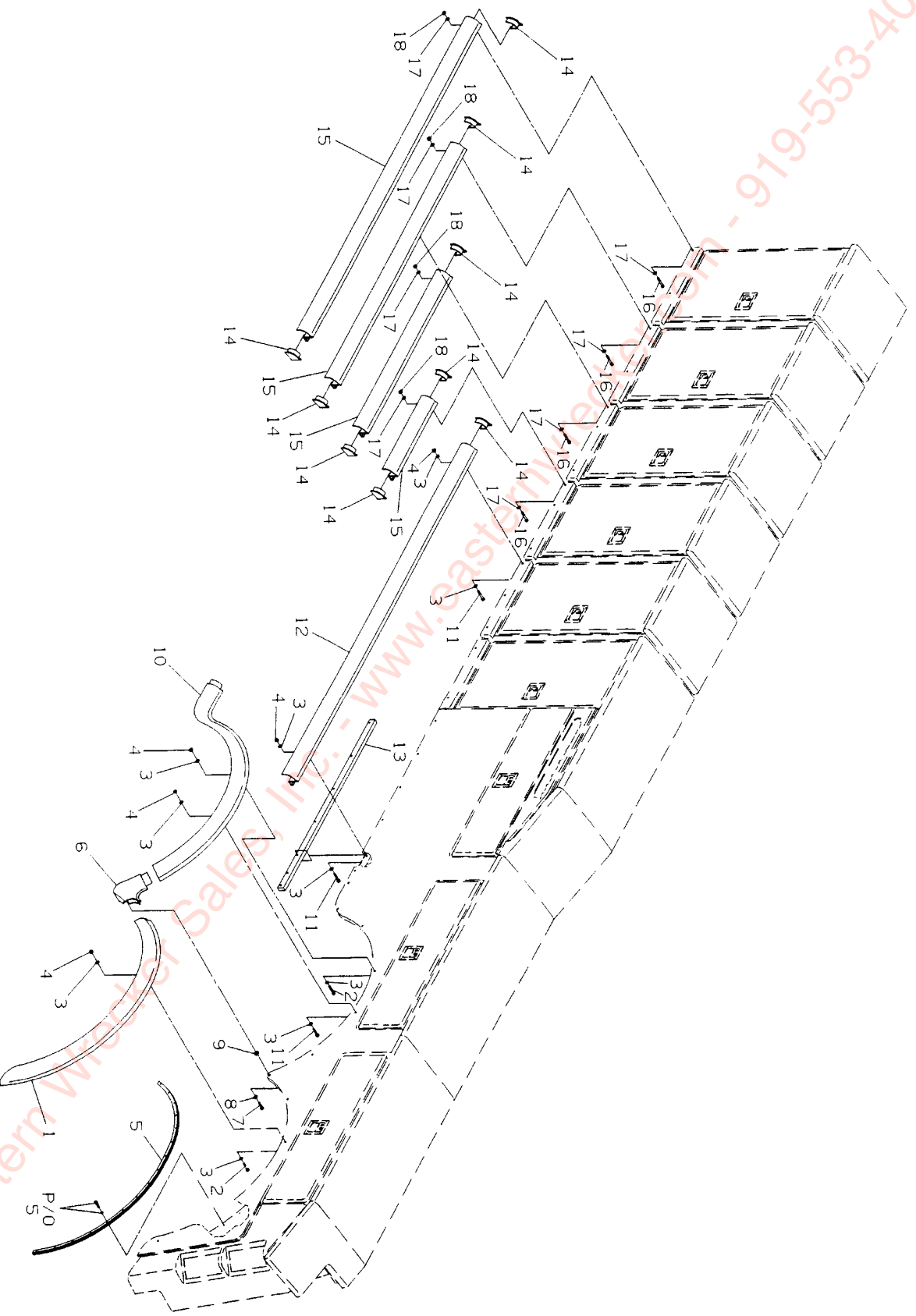
Date \_\_\_\_\_

# PARTS LIST — FLARE INSTALLATION TANDEM AXLE

| Ref. No. | Part No.   | Description                | Qty. |
|----------|------------|----------------------------|------|
| 1        | 4415000019 | 52" Wheelwell Flare, LH    | 1    |
|          | 4415000017 | 52" Wheelwell Flare, RH    | 1    |
|          | 4415000030 | 58.5" Wheelwell Flare, LH  | 1    |
|          | 4415000028 | 58.5" Wheelwell Flare, RH  | 1    |
| 2        | 7111141050 | Capscrew                   | 16   |
| 3        | 7950140151 | Flatwasher                 | 80   |
| 4        | 7660142601 | Locknut                    | 40   |
| 5        | 7002000187 | Rubber Fender Flares       | 2 pr |
| 6        | 7415000010 | 52" Flare Junction Panel   | 2    |
|          | 7415000011 | 58.5" Flare Junction Panel | 2    |
| 7        | 7790142051 | Hex Hd Screw               | 2    |
| 8        | 7949000022 | Fender Washer              | 2    |
| 9        | 4679000148 | Isolator Pad               | 2    |
| 10       | 4415000018 | 52" Wheelwell Flare, LH    | 1    |
|          | 4415000016 | 52" Wheelwell Flare, RH    | 1    |
|          | 4415000029 | 58.5" Wheelwell Flare, LH  | 1    |
|          | 4415000027 | 58.5" Wheelwell Flare, RH  | 1    |
| 11       | 7115141850 | Capscrew                   | 24   |
| 12       | 4415000036 | 52" Wheelwell Body Flare   | 2    |
|          | 4415000038 | 58.5" Wheelwell Body Flare | 2    |
| 13       | 4831000070 | Spacer                     | 2    |
| 14       | 7415000014 | Cap, LH                    | 3    |
|          | 7415000013 | Cap, RH                    | 3    |
| 15       | 4415000045 | 1 Toolbox Flare            | 2    |
|          | 4415000046 | 2 Toolbox Flare            | 2    |
|          | 4415000015 | 3 Toolbox Flare            | 2    |
|          | 4415000021 | 4 Toolbox Flare            | 2    |
| 16       | 7115141850 | Capscrew                   | *    |
| 17       | 7950140151 | Flatwasher                 | *    |
| 18       | 7660142601 | Locknut                    | *    |

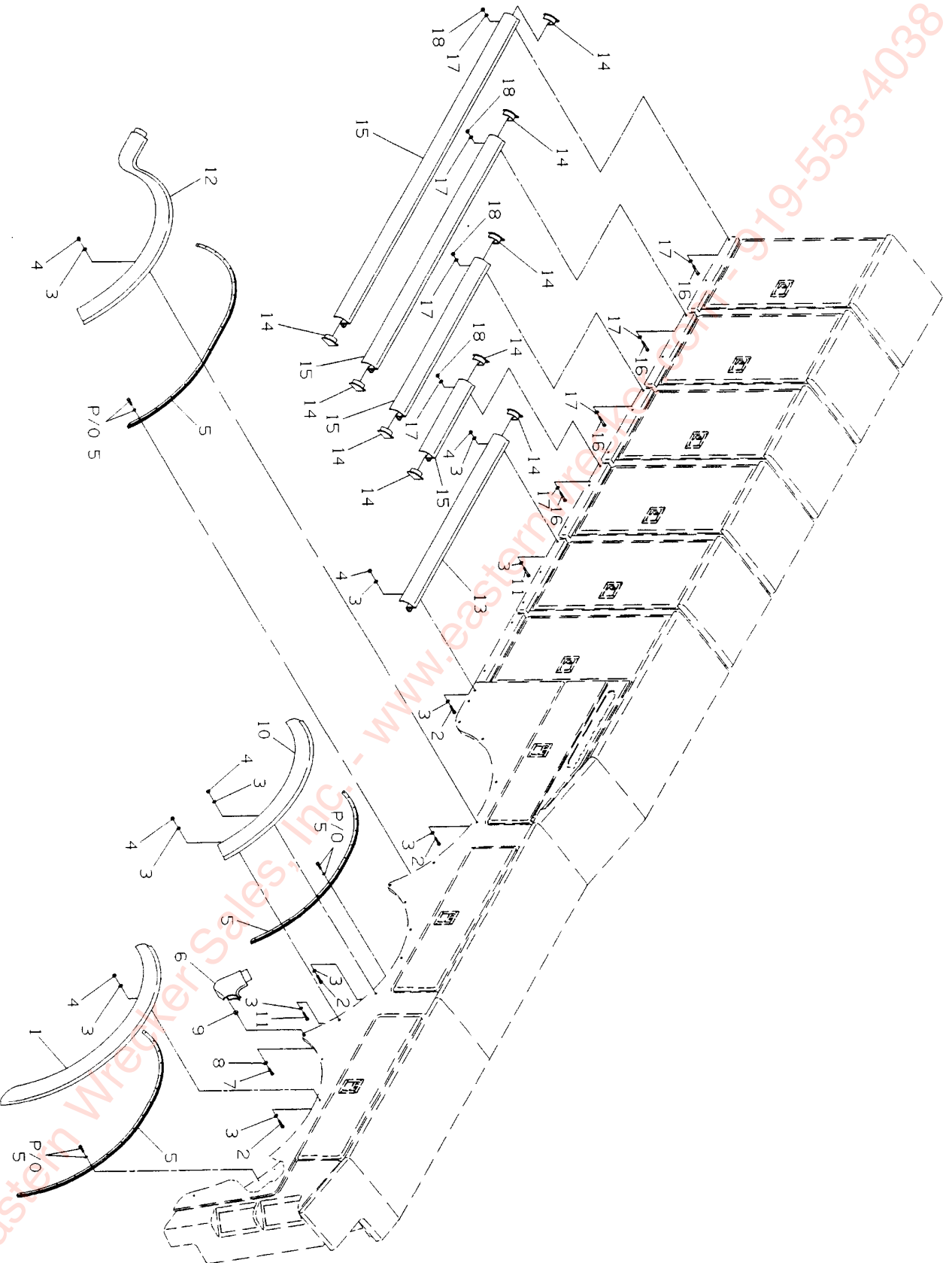
\* Quantity varies according to body length.

# FLARE INSTALLATION TANDEM AXLE



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# FLARE INSTALLATION TRIPLE AXLE



# **PARTS LIST — FLARE INSTALLATION TRIPLE AXLE**

| Ref. No. | Part No.   | Description                      | Qty. |
|----------|------------|----------------------------------|------|
| 1        | 4415000019 | 52" Wheelwell Flare, LH          | 1    |
|          | 4415000017 | 52" Wheelwell Flare, RH          | 1    |
|          | 4415000030 | 58.5" Wheelwell Flare, LH        | 1    |
|          | 4415000028 | 58.5" Wheelwell Flare, RH        | 1    |
| 2        | 7111141050 | Capscrew                         | 26   |
| 3        | 7950140151 | Flatwasher                       | 76   |
| 4        | 7660142601 | Locknut (52" Wheelwell Flare)    | 38   |
|          |            | Locknut (58.5" Wheelwell Flare)  | 40   |
| 5        | 7002000187 | Rubber Fender Flares             | 3 pr |
| 6        | 7415000010 | 52" Flare Junction Panel         | 4    |
|          | 7415000011 | 58.5" Flare Junction Panel       | 4    |
| 7        | 7790142051 | Hex Hd Screw                     | 4    |
| 8        | 7949000022 | Fender Washer                    | 4    |
| 9        | 4679000148 | Isolator Pad                     | 4    |
| 10       | 4415000043 | 52" Wheelwell Flare              | 2    |
|          | 4415000044 | 58.5" Wheelwell Flare            | 2    |
| 11       | 7115141850 | Capscrew (52" Wheelwell Flare)   | 12   |
|          |            | Capscrew (58.5" Wheelwell Flare) | 14   |
| 12       | 4415000018 | 52" Wheelwell Flare, LH          | 1    |
|          | 4415000016 | 52" Wheelwell Flare, RH          | 1    |
|          | 4415000029 | 58.5" Wheelwell Flare, LH        | 1    |
|          | 4415000027 | 58.5" Wheelwell Flare, RH        | 1    |
| 13       | 4415000040 | 52" Wheelwell Body Flare         | 2    |
|          | 4415000042 | 58.5" Wheelwell Body Flare       | 2    |
| 14       | 7415000014 | Cap, LH                          | 3    |
|          | 7415000013 | Cap, RH                          | 3    |
| 15       | 4415000045 | 1 Toolbox Flare                  | 2    |
|          | 4415000046 | 2 Toolbox Flare                  | 2    |
|          | 4415000015 | 3 Toolbox Flare                  | 2    |
|          | 4415000021 | 4 Toolbox Flare                  | 2    |
| 16       | 7115141850 | Capscrew                         | *    |
| 17       | 7950140151 | Flatwasher                       | *    |
| 18       | 7660142601 | Locknut                          | *    |

\* Quantity varies according to body length.

# PARTS LIST — CONTROL VALVE ASSEMBLY

| Ref. No. | Part No.   | Description          | Qty. |
|----------|------------|----------------------|------|
| 1        | 4935000074 | 5 Bank Valve, 12V    | 1    |
|          | 4935000076 | 4 Bank Valve, 24V    | 1    |
| 2        | 7912000054 | Tube                 | 2    |
| 3        | 7445121243 | Adapter              | 2    |
| 4        | 7912000053 | Tube                 | 2    |
| 5        | 7445161245 | Elbow                | 2    |
| 6        | 7912000049 | Tube                 | 2    |
| 7        | 7445101043 | Adapter              | 4    |
| 8        | 7912000051 | Tube                 | 7    |
| 9        | 7445081043 | Adapter              | 14   |
| 10       | 7912000050 | Tube                 | 2    |
| 11       | 7912000052 | Tube                 | 7    |
| 12       | 4935000077 | Bank Valve, 12V      | 1    |
|          | 4935000078 | Bank Valve, 24V      | 1    |
| 13       | 4706002229 | Plate                | 1    |
| 14       | 7445161625 | Union                | 2    |
| 15       | 7445121225 | Union                | 2    |
| 16       | 7445101025 | Union                | 4    |
| 17       | 7445080825 | Union                | 14   |
| 18       | 7115161050 | Capscrew             | 4    |
| 19       | 7950160161 | Flatwasher           | 8    |
| 20       | 7660162601 | Locknut              | 4    |
| 21       | 3177000039 | Valve Mount Weldment | 1    |
| 22       | 7115150850 | Capscrew             | 6    |
| 23       | 7950150000 | Lockwasher           | 6    |
| 24       | 7950150161 | Flatwasher           | 6    |

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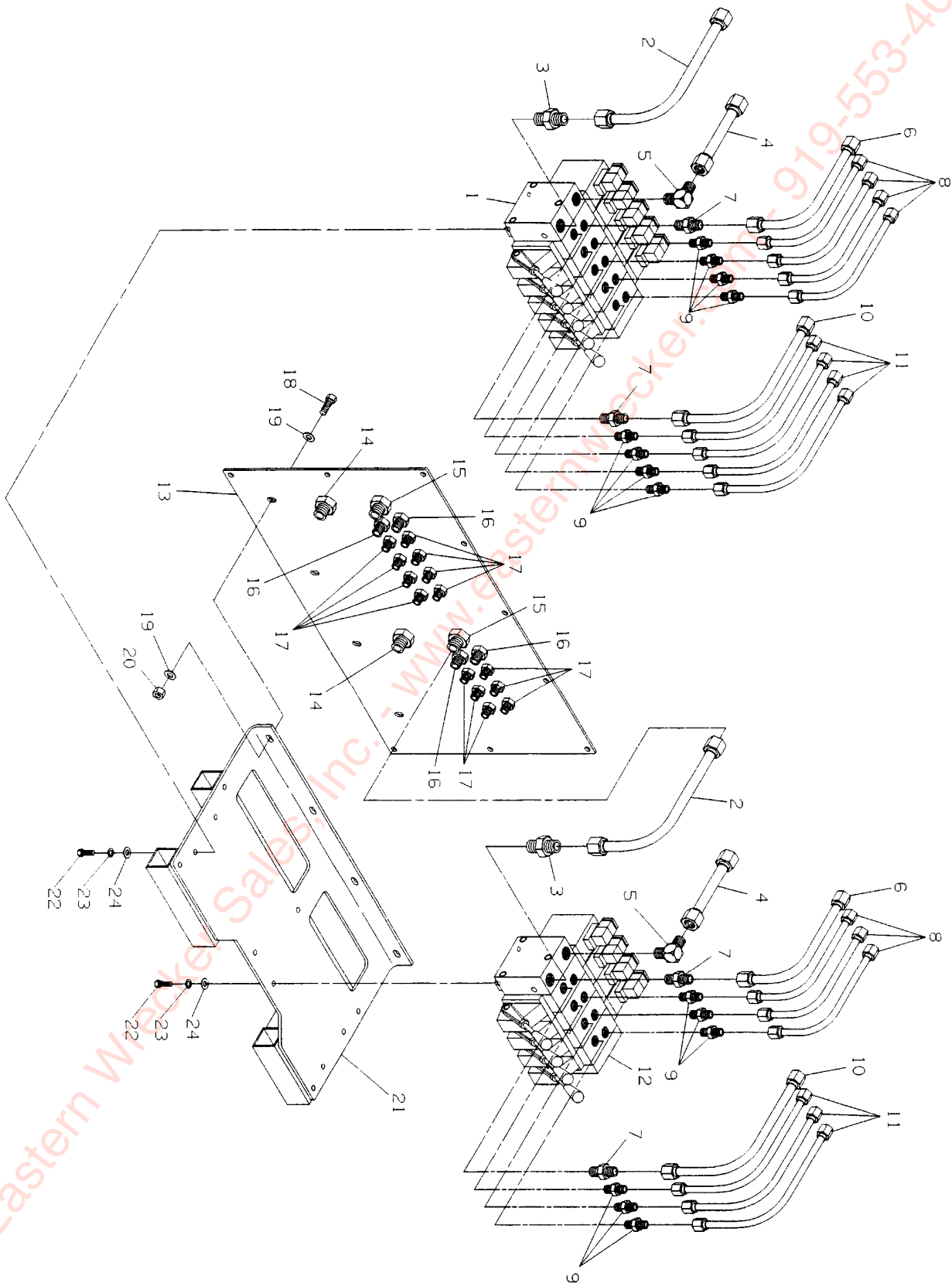
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# CONTROL VALVE ASSEMBLY



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# **PARTS LIST — AIR CONTROL STATION**

| Ref. No. | Part No.   | Description              | Qty. |
|----------|------------|--------------------------|------|
| 1        | 4811000229 | Sheet                    | 1    |
| 2        | 7493000011 | Grommet                  | 1    |
| 3        | 4619000005 | Air Manifold             | 1    |
| 4        | 7115142450 | Capscrew                 | 2    |
| 5        | 7950140161 | Flatwasher               | 18   |
| 6        | 7660142600 | Locknut                  | 6    |
| 7        | 7115161050 | Capscrew                 | 9    |
| 8        | 7950160161 | Flatwasher               | 18   |
| 9        | 7796000012 | Seal                     | 1    |
| 10       | 7660162601 | Locknut                  | 9    |
| 11       | 4706002233 | Cover                    | 1    |
| 12       | 7935000136 | Air Valve                | 6    |
| 13       | 7111140613 | Screw                    | 6    |
| 14       | 7661000019 | U-Nut                    | 6    |
| 15       | 8632000012 | Lock Trim                | 1    |
| 16       | 3560000008 | Control Station Weldment | 1    |
| 17       | 7115140850 | Capscrew                 | 4    |

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**PARTS LIST — REMOTE RADIO AND HYDRAULIC  
CONTROL STATION INSTALLATION**

| Ref. No. | Part No.   | Description                 | Qty.     |
|----------|------------|-----------------------------|----------|
| 1        | 4062000279 | Bar                         | 1        |
| 2        | 7493000020 | Grommet                     | 1        |
| 3        | 7295000031 | Remote Control Radio, 12VDC | 1        |
|          | 7295000032 | Remote Control Radio, 24VDC | 1        |
| 4        | 7115151250 | Capscrew                    | 3        |
| 5        | 7950150161 | Flatwasher                  | 6        |
| 6        | 7660152601 | Locknut                     | 3        |
| 7        | 3314000010 | Coverplate                  | 2        |
| 8        | 7115140650 | Capscrew                    | 4        |
| 9        | 7950140161 | Flatwasher                  | 12       |
| 10       | 7660142600 | Locknut                     | 4        |
| 11       | 8597650003 | Loom                        | 3.583 ft |
| 12       | 4706002255 | Plate                       | 1        |
| 13       | 7115140850 | Capscrew                    | 4        |
| 14       | 7661000006 | Well Nut                    | 4        |
| 15       | 3935000034 | Control Valve Assy, 12V     | 1        |
|          | 3935000035 | Control Valve Assy, 24V     | 1        |
| 16       | 7115161450 | Capscrew                    | 3        |
| 17       | 7950160161 | Flatwasher                  | 34       |
| 18       | 7796000012 | Seal                        | 1        |
| 19       | 7660160000 | Nut                         | 3        |
| 20       | 7660162601 | Locknut                     | 14       |
| 21       | 7115161050 | Capscrew                    | 6        |
| 22       | 7115162850 | Capscrew                    | 5        |

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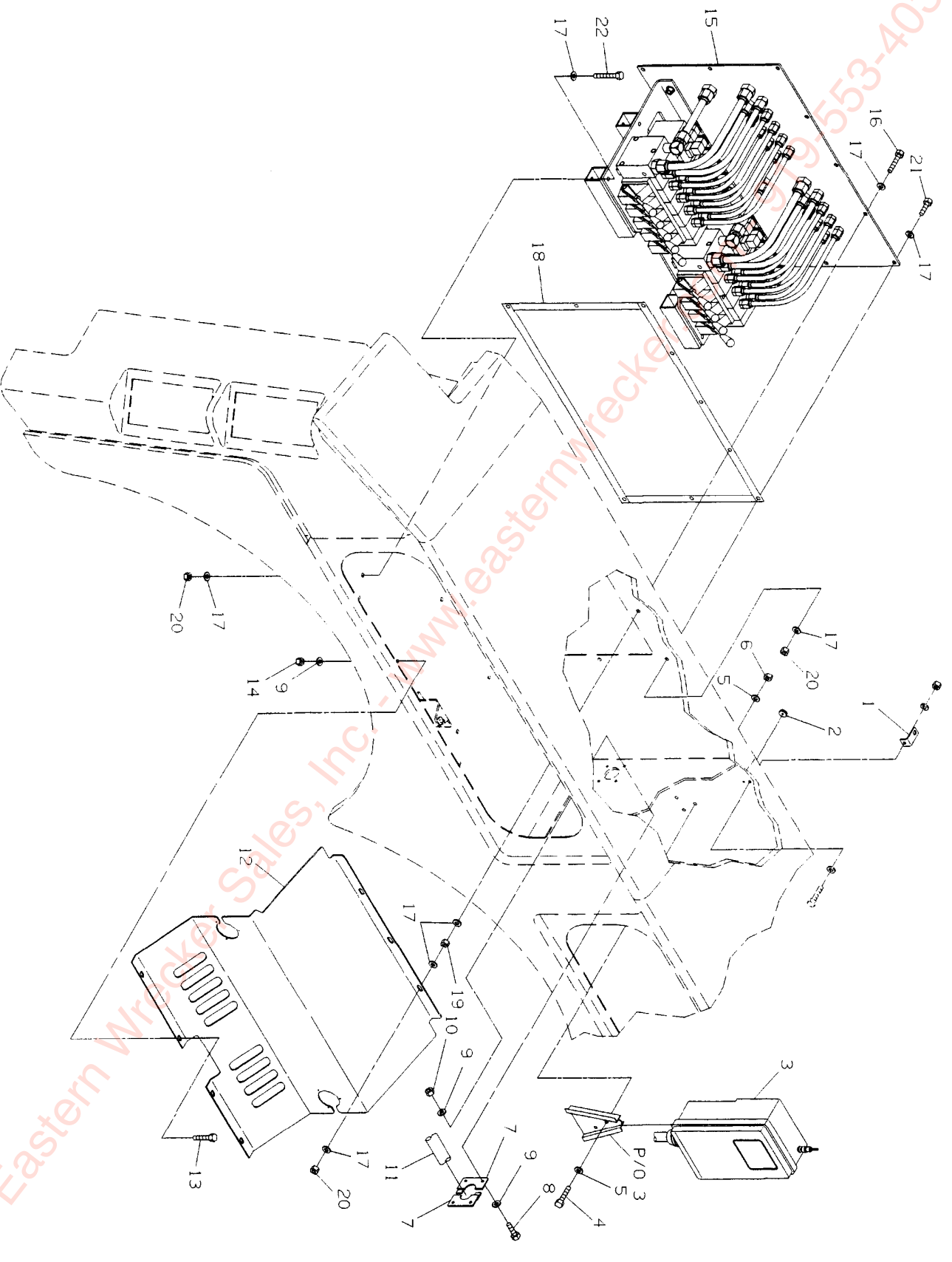
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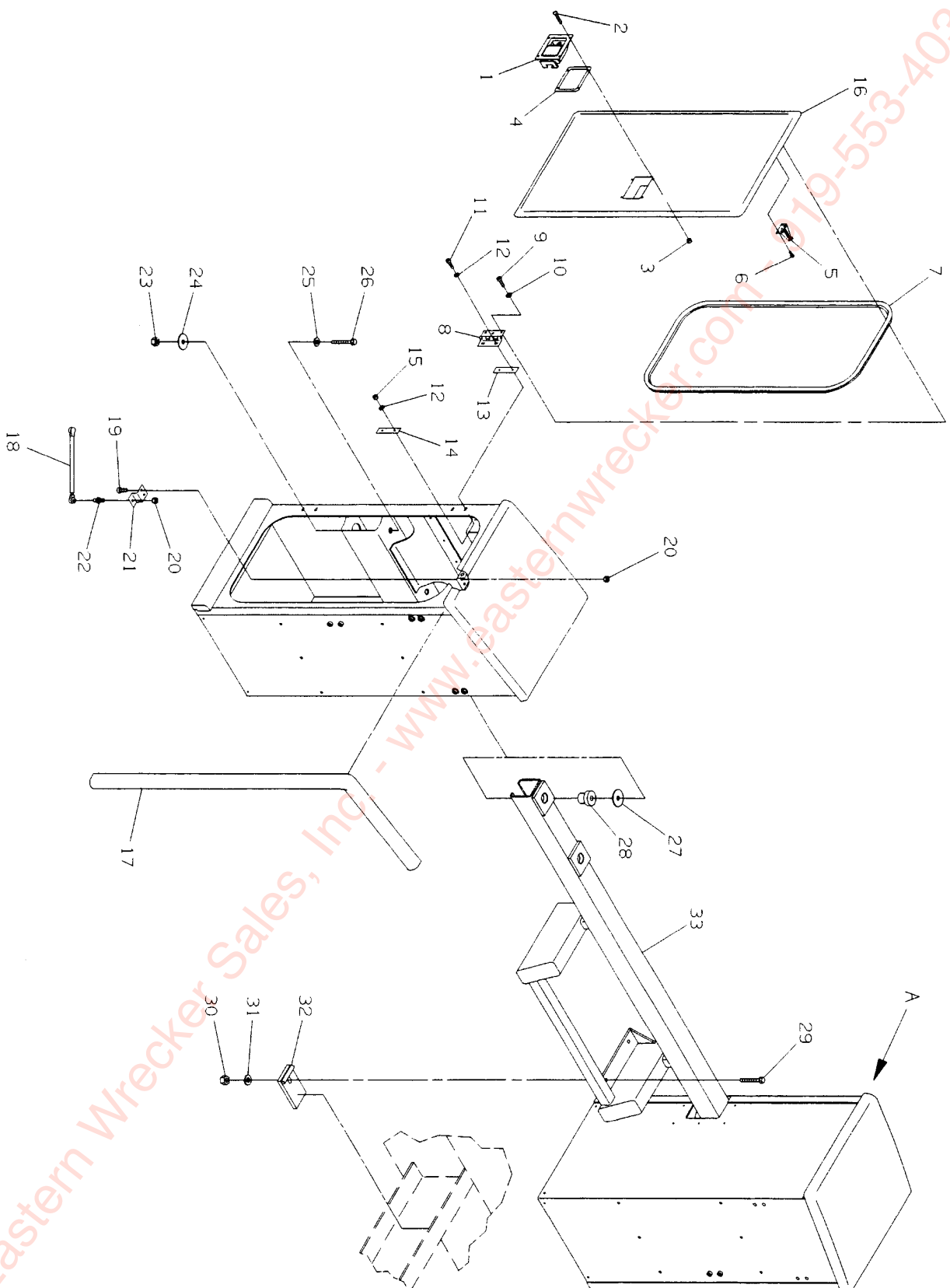
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Date \_\_\_\_\_

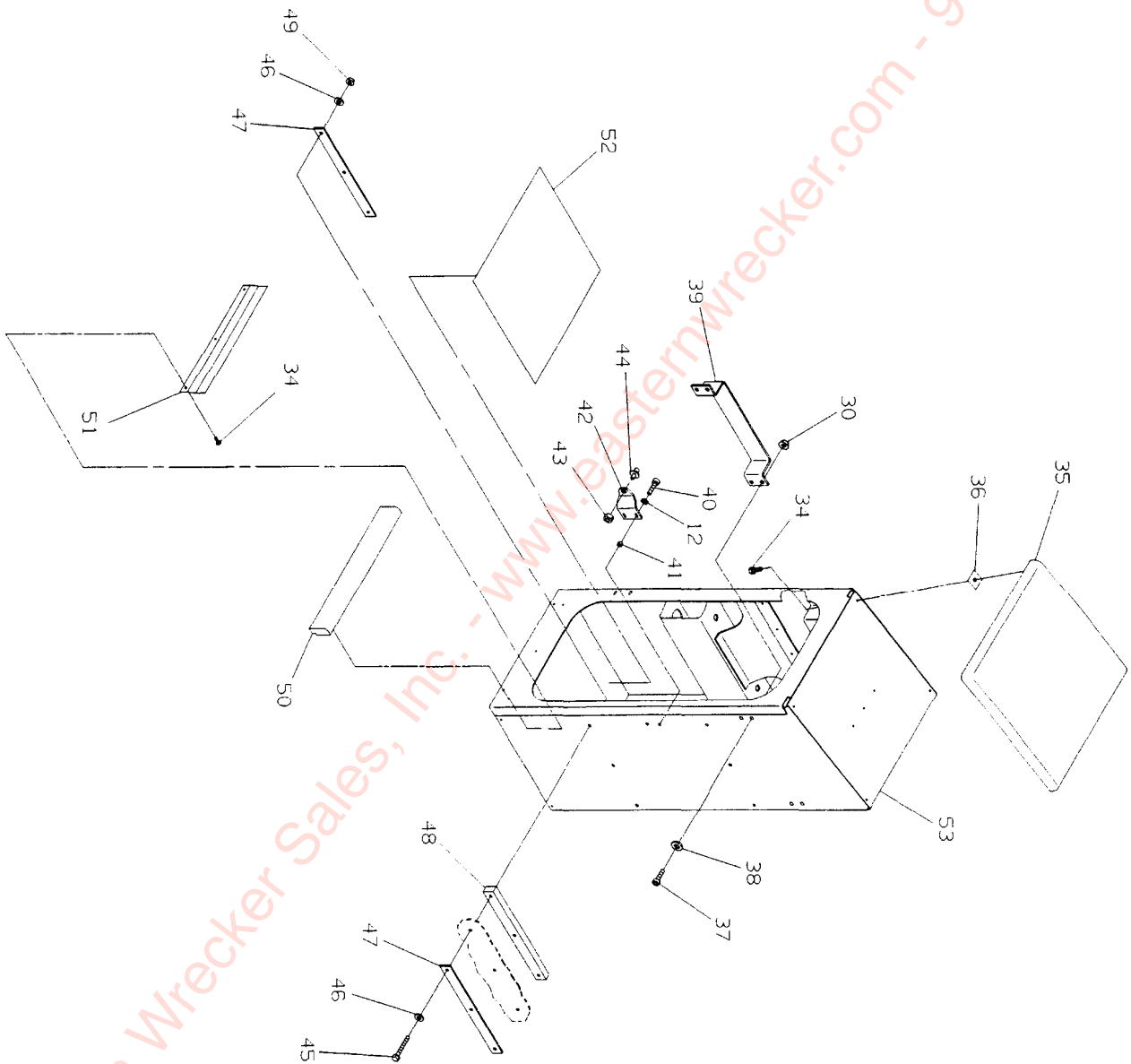
# REMOTE RADIO AND HYDRAULIC CONTROL STATION INSTALLATION



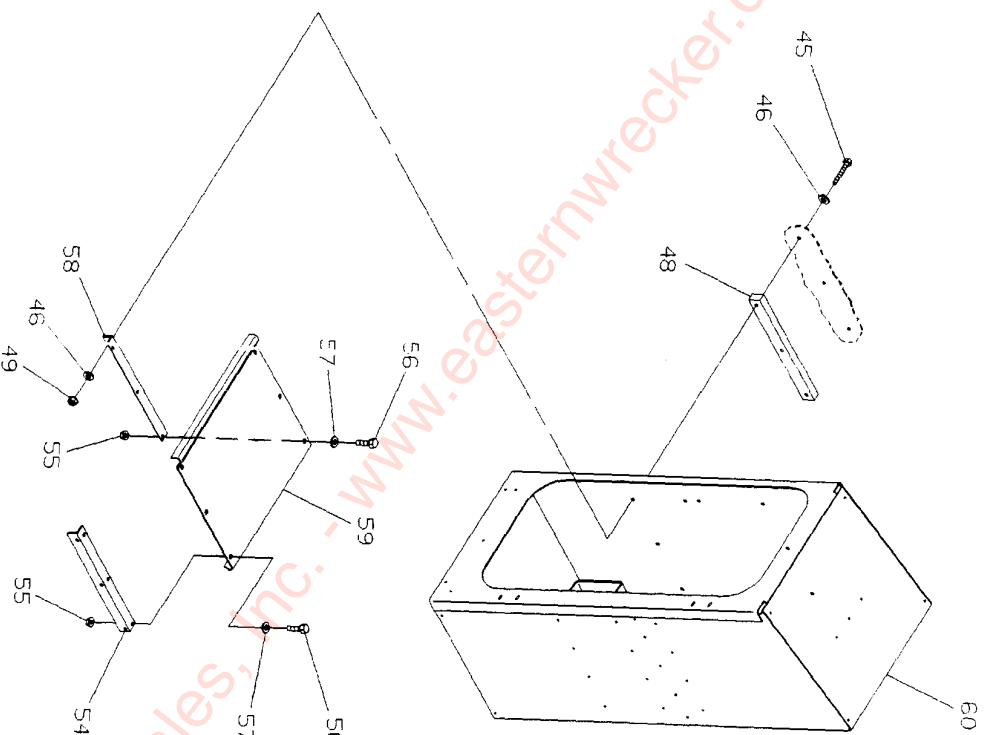
STAND-ALONE TOOLBOX - DOOR AND HARDWARE ASSEMBLY  
SHEET 1 OF 3



STAND-ALONE TOOLBOX - DOOR AND HARDWARE ASSEMBLY  
SHEET 2 OF 3



STAND-ALONE TOOLBOX - DOOR AND HARDWARE ASSEMBLY  
SHEET 3 OF 3



DETAIL A



# **PARTS LIST — STAND-ALONE TOOLBOX - DOOR AND HARDWARE ASSEMBLY**

| Ref. No. | Part No.    | Description                      | Qty. |
|----------|-------------|----------------------------------|------|
| 1        | 7595000005  | Latch Paddle                     | 2    |
| 2        | 7114100818  | Capcrew                          | 8    |
| 3        | 7660102601  | Nut                              | 8    |
| 4        | 7796000038  | Gasket                           | 2    |
| 5        | 7178000023  | Bracket Ball Stud                | 2    |
| 6        | 7114100418  | Capcrew                          | 6    |
| 7        | 4632000012  | Seal                             | 2    |
| 8        | 7555000002  | Hinge                            | 4    |
| 9        | 7114140418  | Capcrew                          | 12   |
| 10       | 7949000025  | Lockwasher                       | 8    |
| 11       | 7114140818  | Capcrew                          | 20   |
| 12       | 7950140161  | Flatwasher                       | 4    |
| 13       | 4812000052  | Shim                             | 4    |
| 14       | 4062000173  | Bar                              | 4    |
| 15       | 7660142601  | Locknut                          | 8    |
| 16       | 4684000072  | Panel Door                       | 2    |
| 17       | 8632000011  | Rubber                           | 2    |
| 18       | 7843000020  | Spring Gas                       | 2    |
| 19       | 7115150650  | Capcrew                          | 4    |
| 20       | 7660152601  | Locknut                          | 6    |
| 21       | 4178000240  | Bracket                          | 2    |
| 22       | 7865000001  | Ball Stud                        | 2    |
| 23       | 7660220001  | Nut                              | 4    |
| 24       | 7949000018  | Washer                           | 4    |
| 25       | 7950220161  | Flatwasher                       | 4    |
| 26       | 7115223250  | Capcrew                          | 4    |
| 27       | 7949000017* | Washer                           | 8    |
| 28       | 7636000007  | Mount                            | 4    |
| 29       | 7115182050  | Capcrew                          | 4    |
| 30       | 7660182301  | Locknut                          | 12   |
| 31       | 7950180252  | Flatwasher                       | 4    |
| 32       | 3274000011  | Clamp Weldment                   | 4    |
| 33       | 3868000157  | Subframe Weldment                | 1    |
| 34       | 7790141651  | Screw                            | 14   |
| 35       | 7790142051  | Screw (use with 4679000121)      | 14   |
| 36       | 7686000008  | Toolbox Cap                      | 2    |
| 37       | 4679000120  | Rubber Pad                       | 8    |
| 38       | 7115181050  | Rubber Pad (use with 7790142051) | 8    |
| 39       | 7950180153  | Capcrew                          | 8    |
| 40       | 4178000270  | Flatwasher                       | 8    |
| 41       | 7115140850  | Bracket                          | 2    |
| 42       | 7413000002  | Capcrew                          | 4    |
| 43       | 4178000222  | Nutset                           | 4    |
| 44       | 7661000021  | Bracket                          | 2    |
| 45       | 7585000004  | Locknut                          | 2    |
| 46       | 7115162250  | Latch Striker                    | 2    |
| 47       | 7950160161  | Capcrew                          | 12   |
| 48       | 4062000243  | Flatwasher                       | 24   |
| 49       | 4679000136  | Backing Bar                      | 8    |
|          | 7660160001  | Pad                              | 4    |
|          |             | Nut                              | 12   |

| Ref. No. | Part No.   | Description                  | Qty. |
|----------|------------|------------------------------|------|
| 50       | 7686000019 | Filler Strip                 | 2    |
| 51       | 4811000135 | Sheet                        | 2    |
| 52       | 4679000115 | Pad Rubber                   | 2    |
| 53       | 3502740071 | Box Bondment, LH             | 2    |
| 54       | 4017000727 | Angle, LH                    | 2    |
| 55       | 7660160001 | Nut                          | 18   |
| 56       | 7115160850 | Capcrew                      | 18   |
| 57       | 7950160161 | Flatwasher                   | 18   |
| 58       | 4017000714 | Angle, RH                    | 2    |
| 59       | 4811000217 | Sheet                        | 2    |
| 60       | 3502740072 | Stand Alone Box Bondment, RH | 1    |

\* 4 Required, install additional washers to set height of toolbox when misalignment occurs.

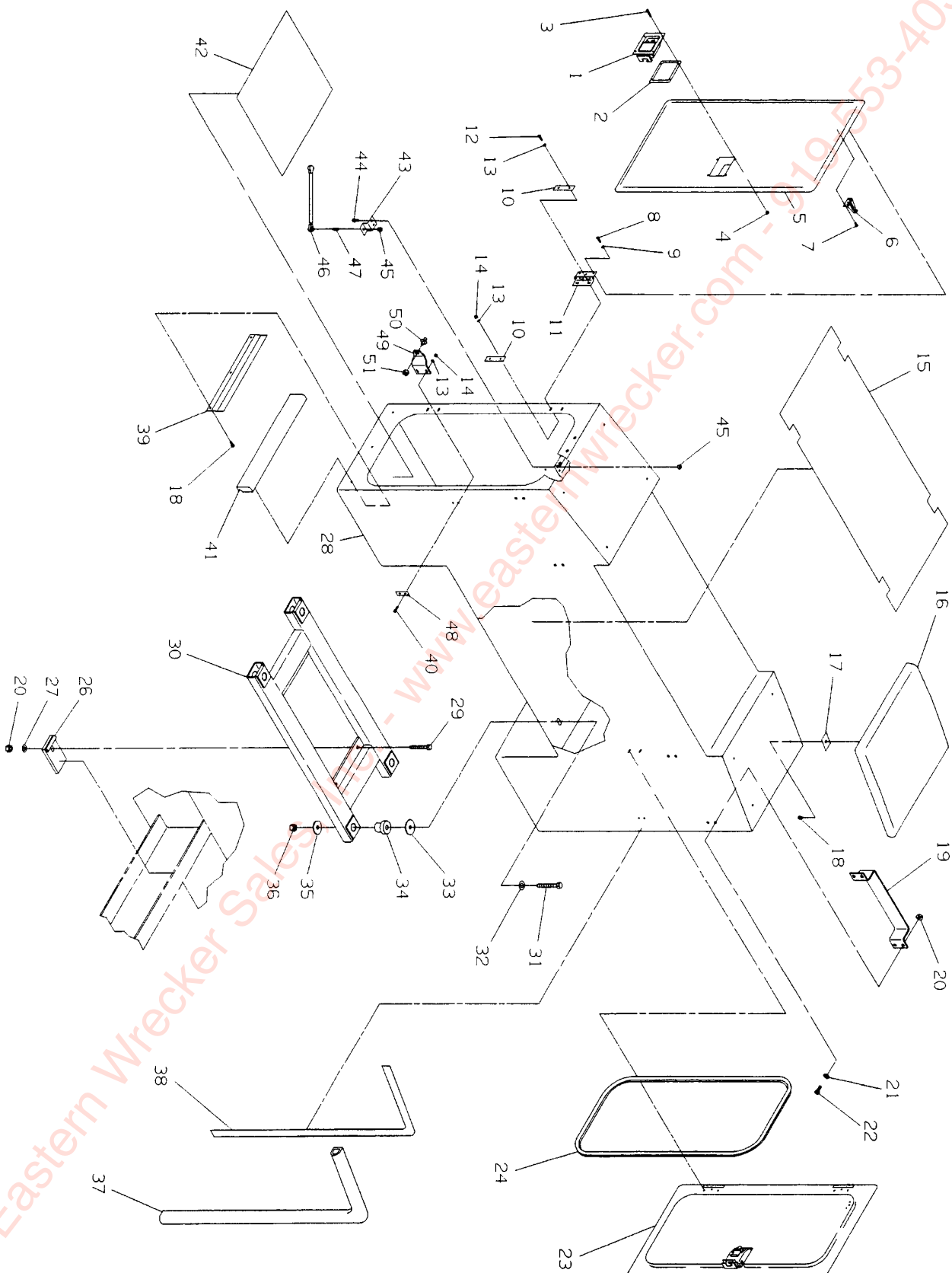
# **PARTS LIST — FULL HEIGHT TOOLBOX - DOOR AND HARDWARE ASSEMBLY**

| Ref. No. | Part No.   | Description           | Qty.  |
|----------|------------|-----------------------|-------|
| 1        | 7595000005 | Rotary Latch          | 2     |
| 2        | 7796000038 | Gasket                | 2     |
| 3        | 7790101276 | Pan Head Screw        | 8     |
| 4        | 7660102601 | Locknut               | 8     |
| 5        | 4686000072 | Door Panel LH         | 1     |
| 6        | 7178000022 | Bracket               | 2     |
| 7        | 7114100418 | Capcrew               | 6     |
| 8        | 7114140418 | Capcrew               | 12    |
| 9        | 7950140500 | Lockwasher            | 12    |
| 10       | 4812000052 | Shim                  | 10    |
| 11       | 7555000002 | Hinges                | 4     |
| 12       | 7114140818 | Capcrew               | 8     |
| 13       | 7950140161 | Flatwasher            | 20    |
| 14       | 7660142601 | Locknut               | 12    |
| 15       | 4679000116 | Rubber Pad            | 1     |
| 16       | 7686000008 | Top Cap Panel         | 2     |
| 17       | 4679000120 | Rubber Pad            | 8     |
| 18       | 7790141651 | Hex Head Screw        | 14    |
| 19       | 4178000229 | Bracket               | 4     |
| 20       | 7660182301 | Locknut               | 20    |
| 21       | 7950180153 | Flatwasher            | 16    |
| 22       | 7115181050 | Capcrew               | 1     |
| 23       | 4686000073 | Door Panel RH         | 1     |
| 24       | 4632000006 | Seal                  | 2     |
| 26       | 3274000011 | Clamp Weldment        | 4     |
| 27       | 7950180252 | Flatwasher            | 4     |
| 28       | 3503740005 | Toolbox Body Assembly | 1     |
| 29       | 7115182050 | Capcrew               | 1     |
| 30       | 3911000033 | Tube Weldment         | 4     |
| 31       | 7115202850 | Capcrew               | 4     |
| 32       | 7950200161 | Flatwasher            | 4     |
| 33       | 7949000020 | Washer                | 4     |
| 34       | 7636000008 | Mount                 | 4     |
| 35       | 7949000020 | Washer                | 4     |
| 36       | 7660200001 | Hex Nut               | 4     |
| 37       | 8632000008 | Rubber Seal           | 12 FT |
| 38       | 7796000002 | Seal                  | 12 FT |
| 39       | 4811000135 | Alum Sheet            | 2     |
| 40       | 7115140850 | Hex Head Capcrew      | 4     |
| 41       | 7686000019 | Filler Strip Panel    | 2     |
| 42       | 4679000115 | Rubber Pad            | 2     |
| 43       | 4178000240 | Bracket               | 2     |
| 44       | 7115150650 | Hex Head Capcrew      | 4     |
| 45       | 7660152601 | Locknut               | 6     |
| 46       | 7843000020 | Gas Spring            | 2     |
| 47       | 7865000001 | Ball Stud             | 2     |
| 48       | 4062000174 | Bar                   | 2     |
| 49       | 4178000222 | Bracket               | 2     |
| 50       | 7585000004 | Latch Striker         | 2     |
| 51       | 7661000021 | Locknut               | 2     |

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Date \_\_\_\_\_

# FULL HEIGHT TOOLBOX - DOOR AND HARDWARE ASSEMBLY



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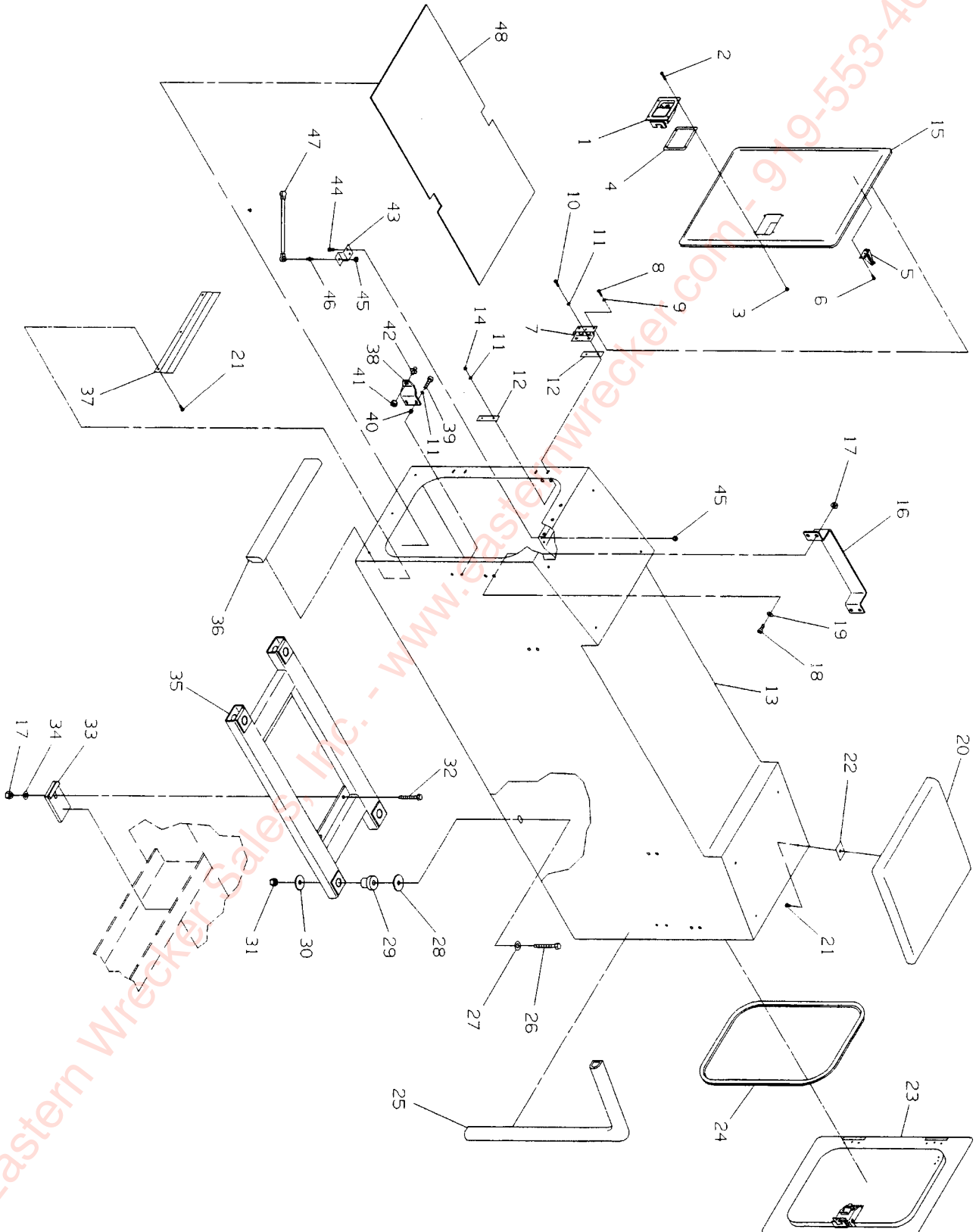
Rev. \_\_\_\_\_  
Date \_\_\_\_\_

# **PARTS LIST — SHORT TOOLBOX - DOOR AND HARDWARE ASSEMBLY**

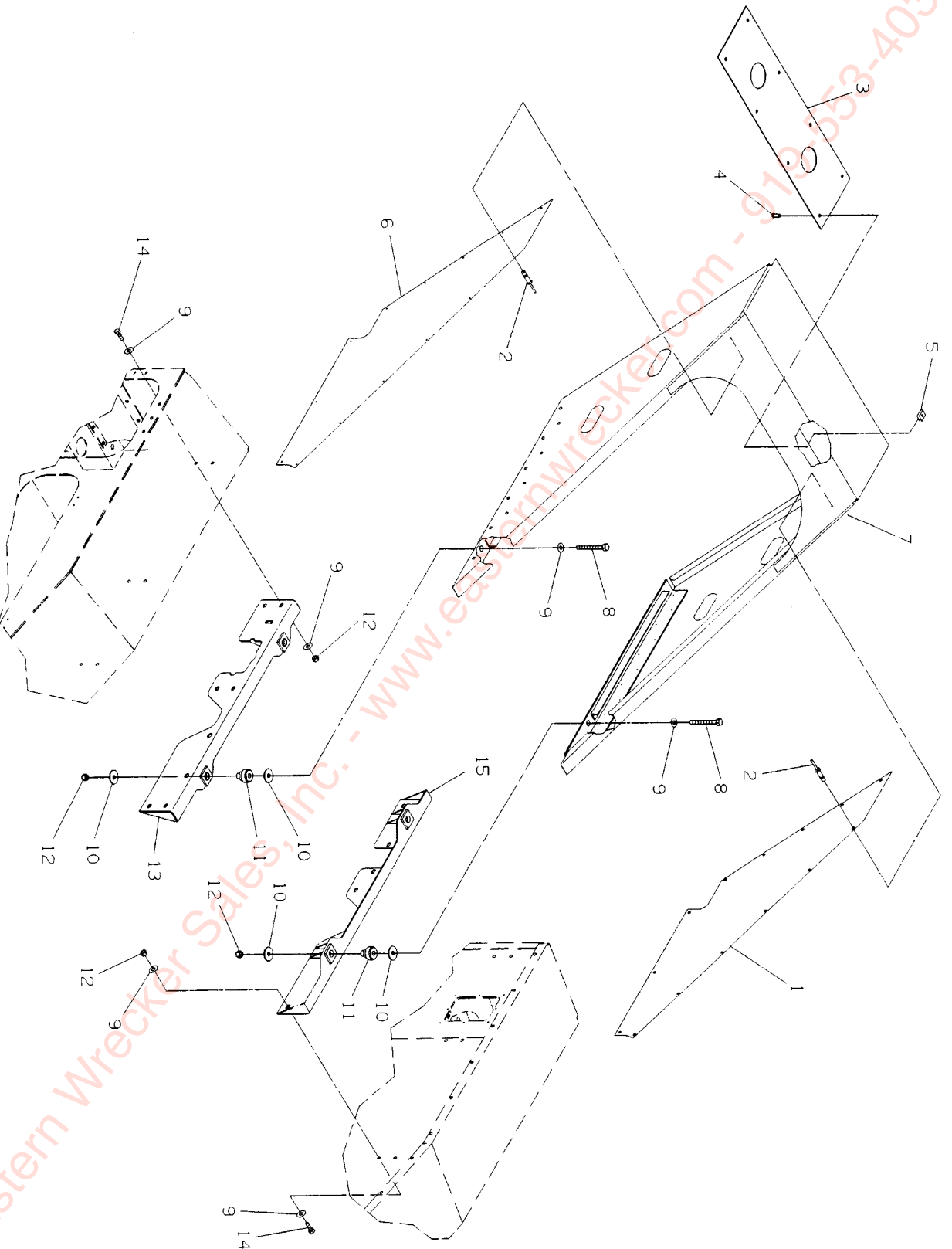
| Ref. No. | Part No.    | Description                      | Qty. | Ref. No. | Part No.   | Description | Qty. |
|----------|-------------|----------------------------------|------|----------|------------|-------------|------|
| 1        | 7595000005  | Latch Paddle                     | 2    | 47       | 7843000020 | Spring Gas  | 2    |
| 2        | 7114100818  | Capscrew                         | 8    | 48       | 4679000133 | Pad Rubber  | 2    |
| 3        | 7660102601  | Nut                              | 8    |          |            |             |      |
| 4        | 7796000038  | Gasket                           | 2    |          |            |             |      |
| 5        | 7178000023  | Bracket Ball Stud                | 2    |          |            |             |      |
| 6        | 7114100418  | Capscrew                         | 2    |          |            |             |      |
| 7        | 7555000002  | Capscrew                         | 6    |          |            |             |      |
| 8        | 7114140418  | Hinge                            | 4    |          |            |             |      |
| 9        | 7950140500  | Capscrew                         | 12   |          |            |             |      |
| 10       | 7114140818  | Capscrew                         | 12   |          |            |             |      |
| 11       | 7950140161  | Flatwasher                       | 8    |          |            |             |      |
| 12       | 4812000052  | Shim                             | 20   |          |            |             |      |
| 13       | 3503740015  | Box Bondment                     | 8    |          |            |             |      |
| 14       | 7660142601  | Locknut                          | 1    |          |            |             |      |
| 15       | 4686000085  | Panel Door, LH                   | 8    |          |            |             |      |
| 16       | 4178000229  | Bracket                          | 1    |          |            |             |      |
| 17       | 7660182301  | Locknut                          | 4    |          |            |             |      |
| 18       | 7115181050  | Capscrew                         | 20   |          |            |             |      |
| 19       | 7950180153  | Flatwasher                       | 16   |          |            |             |      |
| 20       | 7686000008  | Toolbox Cap                      | 16   |          |            |             |      |
| 21       | 7790141651  | Screw                            | 2    |          |            |             |      |
| 22       | 7790142051  | Screw (use with 4679000121)      | 14   |          |            |             |      |
| 23       | 4679000120  | Rubber Pad                       | 14   |          |            |             |      |
| 24       | 4679000121  | Rubber Pad (use with 7790142051) | 8    |          |            |             |      |
| 25       | 4686500086  | Panel Door, RH                   | 8    |          |            |             |      |
| 26       | 8632000014  | Seal                             | 1    |          |            |             |      |
| 27       | 7115202850  | Rubber                           | 2    |          |            |             |      |
| 28       | 7950200161  | Capscrew                         | 2    |          |            |             |      |
| 29       | 7949000019* | Flatwasher                       | 4    |          |            |             |      |
| 30       | 7636000008  | Washer                           | 4    |          |            |             |      |
| 31       | 7949000020* | Mount                            | 16   |          |            |             |      |
| 32       | 7660200001  | Washer                           | 4    |          |            |             |      |
| 33       | 7115182050  | Nut                              | 8    |          |            |             |      |
| 34       | 3274000011  | Capscrew                         | 4    |          |            |             |      |
| 35       | 7950180252  | Clamp Weldment                   | 4    |          |            |             |      |
| 36       | 3911000033  | Flatwasher                       | 4    |          |            |             |      |
| 37       | 7686000019  | Tube Weldment                    | 4    |          |            |             |      |
| 38       | 4811000135  | Filler Strip                     | 1    |          |            |             |      |
| 39       | 4178000222  | Sheet                            | 2    |          |            |             |      |
| 40       | 7115140850  | Bracket                          | 2    |          |            |             |      |
| 41       | 7413000002  | Capscrew                         | 2    |          |            |             |      |
| 42       | 7661000021  | Nutsert                          | 4    |          |            |             |      |
| 43       | 7585000004  | Locknut                          | 4    |          |            |             |      |
| 44       | 4178000250  | Latch Striker                    | 2    |          |            |             |      |
| 45       | 7115150650  | Bracket                          | 2    |          |            |             |      |
| 46       | 7660152601  | Capscrew                         | 2    |          |            |             |      |
|          | 7865000001  | Locknut                          | 4    |          |            |             |      |
|          |             | Ball Stud                        | 6    |          |            |             |      |

\* 4 Required, install additional washers to set height of toolbox when misalignment occurs.

# SHORT TOOLBOX - DOOR AND HARDWARE ASSEMBLY



# HEADBOARD INSTALLATION



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Rev. \_\_\_\_\_  
Date \_\_\_\_\_

## PARTS LIST — HEADBOARD INSTALLATION

| Ref. No. | Part No.   | Description          | Qty. |
|----------|------------|----------------------|------|
| 1        | 4707000109 | Plate, RH            | 1    |
| 2        | 7759000008 | Rivet                | 28   |
| 3        | 4707000105 | Plate                | 1    |
| 4        | 7114140518 | Capscrew             | 8    |
| 5        | 7661000019 | U-Nut                | 8    |
| 6        | 4707000108 | Plate, LH            | 1    |
| 7        | 3241000079 | Headboard Assembly   | 1    |
| 8        | 7115182850 | Capscrew             | 4    |
| 9        | 7950180161 | Flatwasher           | 24   |
| 10       | 7949000021 | Washer               | 8    |
| 11       | 7636000009 | Mount                | 4    |
| 12       | 7660182601 | Locknut              | 16   |
| 13       | 3178000242 | Bracket Weldment, LH | 1    |
| 14       | 7115181250 | Capscrew             | 12   |
| 15       | 3178000243 | Bracket Weldment, RH | 1    |

**JERR-DAN**  
An Oshkosh Truck Corporation Company

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Rev. \_\_\_\_\_

Date \_\_\_\_\_

# **PARTS LIST — DECAL INSTALLATION**

| Ref. No. | Part No.   | Description                   | Qty. |
|----------|------------|-------------------------------|------|
| 1        | 7330000143 | "Proudly Made In The USA"     | 1    |
| 2        | 7330000108 | Jerr-Dan                      | 2    |
| 3        | 7330000197 | "Jerr-Dan"                    | 2    |
| 5        | 7330000263 | HDL1100/530                   | 2    |
| 6        | 7330000203 | Warning - Power Lines         | 2    |
| 7        | 7330000037 | Moving Parts                  | 2    |
| 8        | 7330000246 | Rear Winch                    | 1    |
| 9        | 7330000248 | Cable Tensioner               | 1    |
| 10       | 7330000249 | Winch Freespool               | 1    |
| 11       | 7330000250 | 2 Speed Winch                 | 1    |
| 12       | 7330000245 | Front Winch                   | 1    |
| 13       | 7330000271 | Electrical Fuse Panel         | 1    |
| 14       | 7330000264 | 55 Ton Rating                 | 2    |
| 15       | 7330000265 | 49 Ton Rating                 | 2    |
| 16       | 7330000266 | 40 Ton Rating                 | 2    |
| 17       | 7330000267 | 31 Ton Rating                 | 2    |
| 18       | 7330000268 | 22 Ton Rating                 | 2    |
| 19       | 7330000211 | Safety Chains Warning         | 1    |
| 20       | 7330000034 | Caution                       | 1    |
| 21       | 7330000270 | Lubrication Chart             | 1    |
| 22       | 7330000202 | Panel Shock Warning           | 1    |
| 23       | 7330000269 | Lubrication Diagram           | 1    |
| 24       | 7330000209 | Emergency Air                 | 1    |
| 25       | 7330000208 | Service Air                   | 1    |
| 26       | 7330000210 | Axiliary Air                  | 1    |
| 27       | 7330000171 | Patent                        | 1    |
| 28       | 7759000004 | Pop Rivet                     | 10   |
| 29       | 7330000139 | Checklist Reminder            | 1    |
| 30       | 7330000189 | Serial Number/Rating          | 1    |
| 31       | 7330000200 | Oper. Pre-Transport Checklist | 1    |
| 32       | 7330000262 | Winch Warning                 | 1    |
| 33       | 7330000258 | Upper Front                   | 1    |
| 34       | 7330000257 | Pressure                      | 1    |
| 35       | 7330000259 | Lower Front                   | 1    |
| 36       | 7330000253 | Wire Rope Caution             | 1    |
| 37       | 7330000261 | Lower Rear                    | 1    |
| 38       | 7330000256 | Pressure                      | 1    |
| 39       | 7330000260 | Upper Rear                    | 1    |
| 40       | 7330000199 | Authorized Personnel Warning  | 1    |
| 41       | 7330000193 | Wheel Lift Caution            | 2    |
| 42       | 7330000122 | Warning                       | 2    |

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Date \_\_\_\_\_

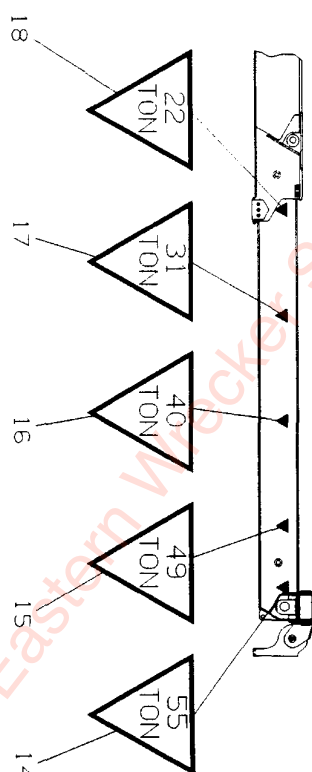
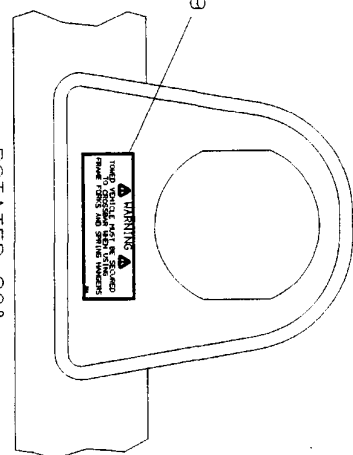
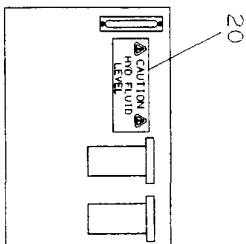
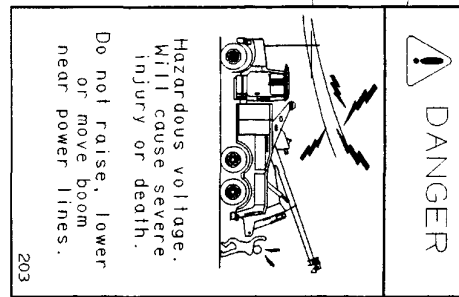
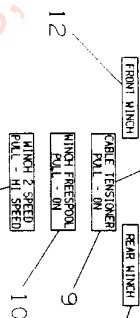
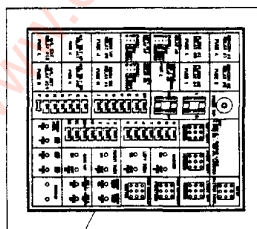
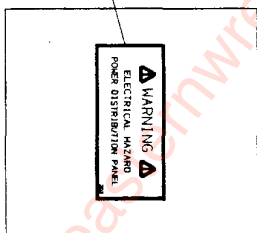
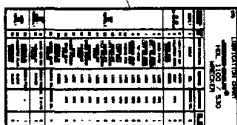
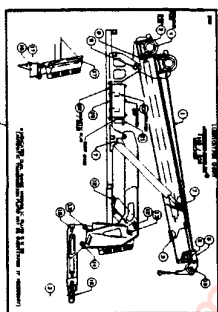


# DECAL INSTALLATION - SHEET 1 OF 2

## JERR-DAN

HDL 1100/530

VIEW A-A



HYDRAULIC TANK  
VIEW B-B

ROTATED 90°  
VIEW C-C

JERR-DAN  
An Oshkosh Truck Corporation Company

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Date \_\_\_\_\_

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24 SUPPLY AIR

25 SERVICE AIR

26 AUX AIR

27

28

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PLATE INFORMATION

MANUFACTURED BY  
TERR-DAN CORPORATION

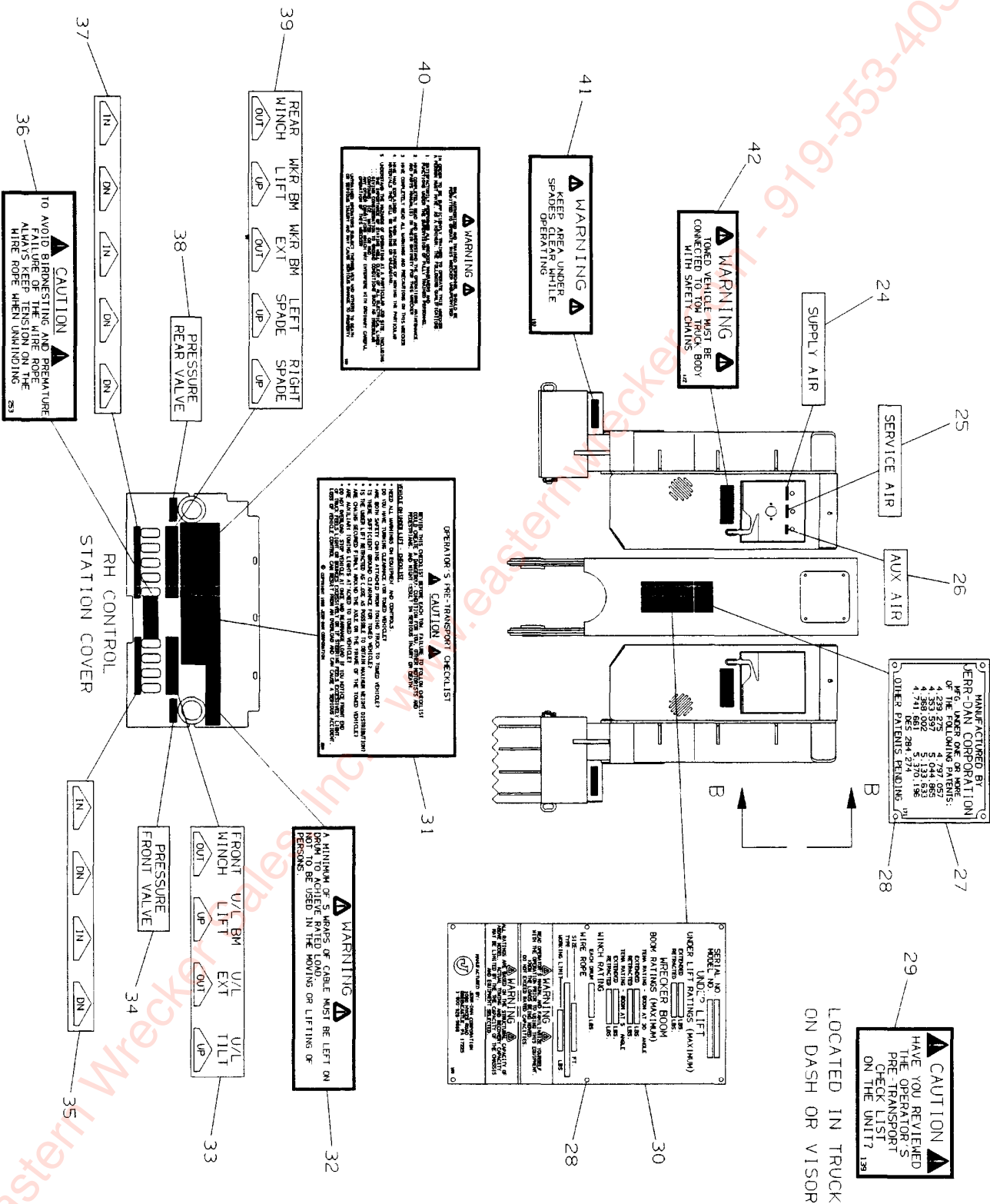
PART NUMBER OR NAME  
DATE OF MANUFACTURE

4 239 275  
4 353 597  
4 353 597  
4 788 661  
4 788 661  
DES 284, 274

OTHER PATENTS PENDING  
139

CAUTION  
HAVE YOU REVIEWED  
THE OPERATOR'S  
PRE-TRANSPORT  
CHECK LIST  
ON THE UNIT?  
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LOCATED IN TRUCK  
ON DASH OR VISOR



# **PARTS LIST — BODY LIGHTS**

| Ref. No. | Part No.    | Description                       | Qty.  |
|----------|-------------|-----------------------------------|-------|
| 1        | 7870000042  | Switch Panel                      | 1     |
| 2        | 7790141651  | Hex Head Screw                    | 6     |
| 3        | 7950140151  | Flatwasher                        | 10    |
| 4        | 7590000094  | Light Assembly w/Switch           | 14    |
| 5        | 7790100856  | Screw                             | 56    |
| 6        | 7590000105  | License Plate Light               | 1     |
| 7        | 7178000025  | License Plate Bracket             | 1     |
| 8        | 7274000036  | Clamp                             | 8     |
| 9        | 7114100618  | Capscrew                          | 8     |
| 10       | 7660102601  | Nut                               | 8     |
| 11       | 7114100610  | Screw                             | 8     |
| 12       | 7661000002  | Nut w/Lockwasher                  | 12    |
| 13       | 7346000077  | Guard                             | 2     |
| 14       | 7346000076  | Gasket                            | 2     |
| 15       | 7590000104  | Light                             | 2     |
| 16       | 7493000017  | Grommet                           | 2     |
| 17       | 7894000031  | Cable Tie                         | 4     |
| 18       | 7790141656  | Screw                             | 4     |
| 19       | 7346000055  | Socket                            | 1     |
| 20       | 7346000078  | Socket Boot                       | 1     |
| 21       | 7115150864  | Carriage Bolt                     | 2     |
| 22       | 7950150161  | Flatwasher                        | 2     |
| 23       | 7660152601  | Locknut                           | 2     |
| 24       | 7590000096  | Chrome Work Light                 | 2     |
| 25       | 8597650002  | Loom                              | 3 ft. |
| 26       | 7590000011  | Rubber Housed Multi-Purpose Light | 2     |
| 27       | 7274000026  | Clamp                             | 10    |
| 28       | 7590000126* | Chrome Work Light                 | 2     |
| 29       | 7120000028* | Screw                             | 8     |
| 30       | 7661000023* | Nut w/Lockwasher                  | 10    |
| 31       | 7345211702* | Ring Terminal                     | 2     |
| 32       | 7590000092  | Tail Light, RH                    | 2     |
| 33       | 7114101210  | Screw                             | 16    |
| 34       | 7590000093  | Tail Light, LH                    | 2     |
| 35       | 7661000024  | Nut                               | 16    |
| 36       | 7188000001  | Bulb                              | 4     |
| 37       | 7188000002  | Bulb                              | 4     |
| 38       | 4346000004  | Junction Box                      | 1     |
| 39       | 7870000044  | Power Dist. Panel                 | 1     |
| 40       | 7115140650  | Capscrew                          | 4     |
| 41       | 7660142601  | Locknut                           | 4     |
| 42       | 7115101411  | Screw                             | 4     |
| 43       | 7493000014  | Grommet                           | 3     |
| 44       | 7457000012  | 20 Amp Fuse                       | 7     |
| 45       | 7115140425  | Screw                             | 1     |
| 46       | 7457000006  | 15 Amp Fuse                       | 1     |
| 47       | 7457000011  | 10 Amp Fuse                       | 3     |
| 48       | 7457000019  | 5 Amp Fuse                        | 1     |
| 49       | 7661000023  | Nut w/Lockwasher                  | 11    |
| 50       | 7740000001  | Relay                             | 5     |
| 51       | 7493000011  | Grommet                           | 3     |

\* Available only in Deluxe Hook-up #359000005

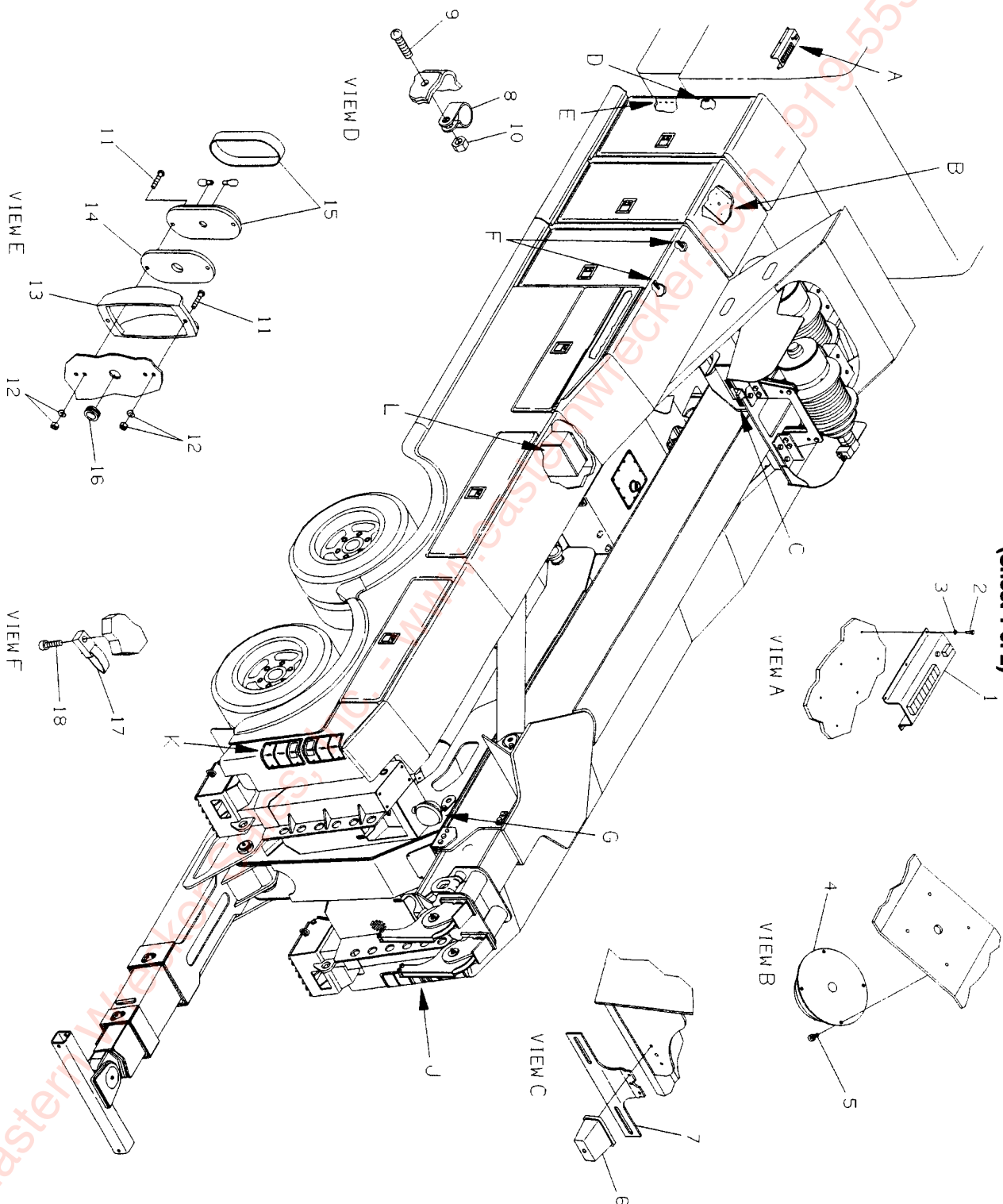
**JERR-DAN**  
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Rev. \_\_\_\_\_

Date \_\_\_\_\_

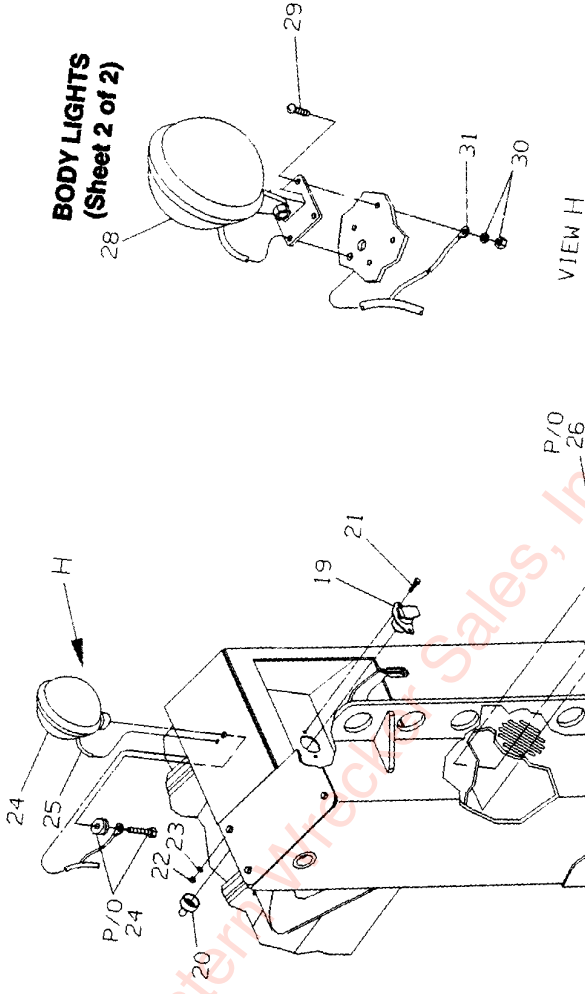
# **BODY LIGHTS** (Sheet 1 of 2)



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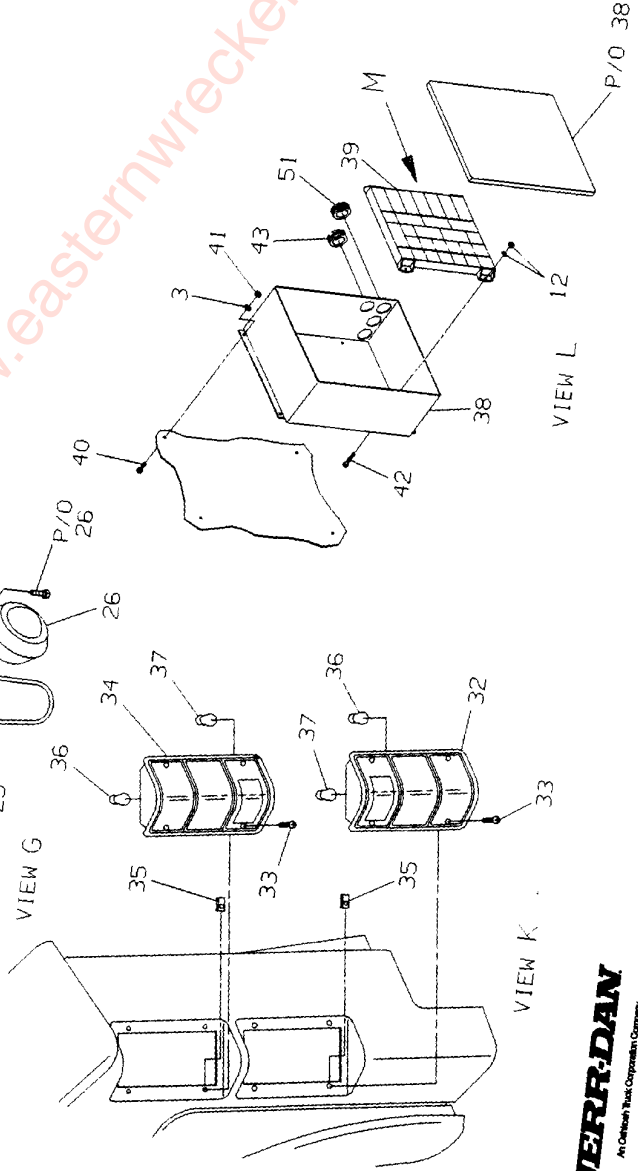
Rev. \_\_\_\_\_  
Date \_\_\_\_\_

**BODY LIGHTS**  
(Sheet 2 of 2)



VIEW H

VIEW J



VIEW G

VIEW K

VIEW L

VIEW M

**JERR-DAN**  
An Eastern Truck Components Company

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Rev. \_\_\_\_\_  
Date \_\_\_\_\_

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**UNDERLIFT  
GRID PARTS**

|                                         |     |
|-----------------------------------------|-----|
| Crosstube Installation .....            | D-2 |
| Frame Fork Installation .....           | D-5 |
| 5th Wheel and Pintle Hook Adapter ..... | D-6 |
| Bus Arms Installation .....             | D-9 |

BA-KJ

D-1

Part Number 5-376-000044

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**PARTS LIST — CROSSTUBE INSTALLATION**

| Ref. No. | Part No.   | Description        | Qty. |
|----------|------------|--------------------|------|
| 1        | 7440003000 | Grease Fitting     | 1    |
| 2        | 4691000242 | Pivot Pin          | 1    |
| 3        | 3913000049 | Crosstube Weldment | 1    |
| 4        | 7754000042 | Retaining Ring     | 1    |
| 5        | 4949000041 | Shim               | 1    |
| 6        | 4949000042 | Shim               | 1    |

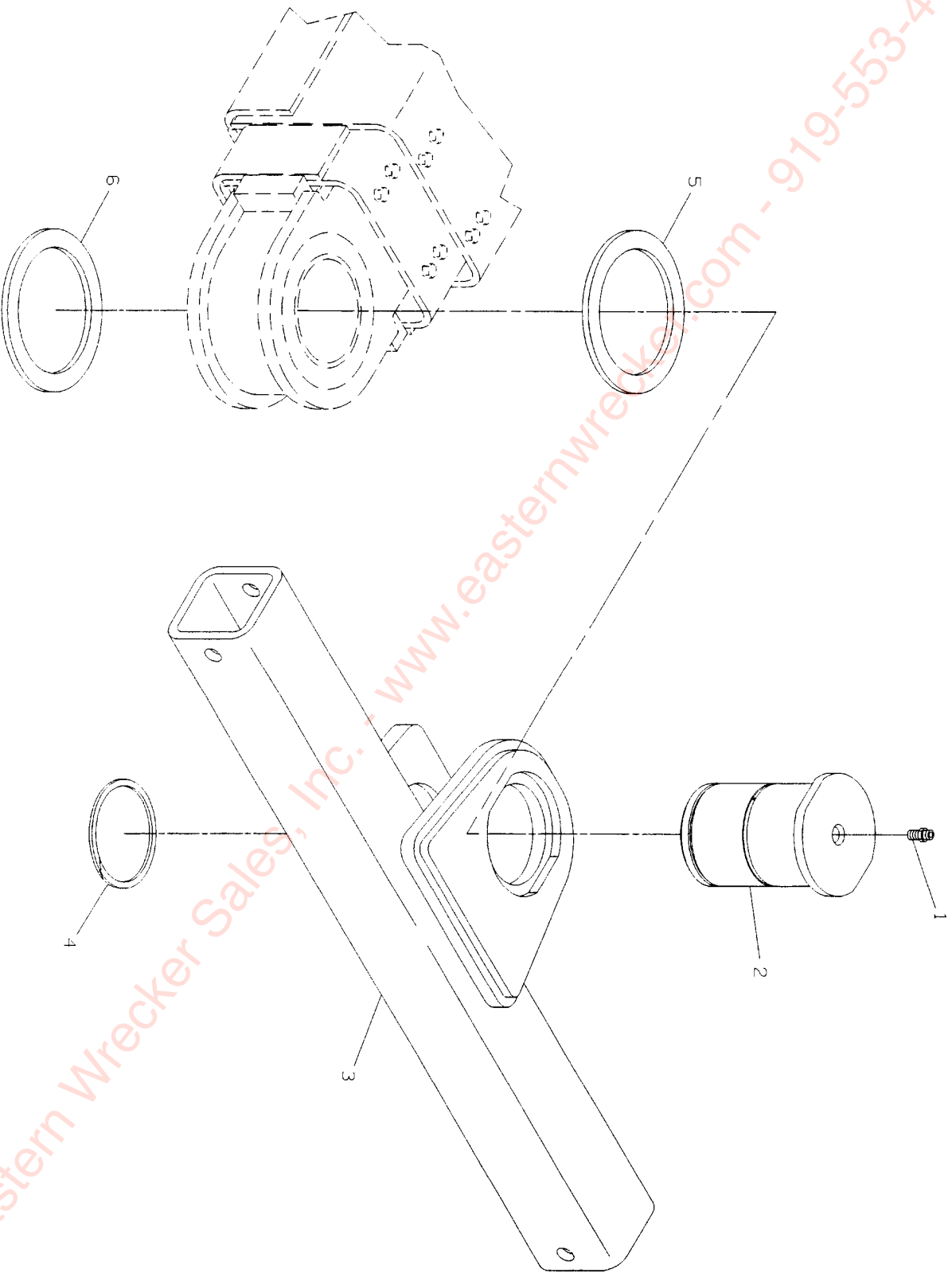
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Rev. \_\_\_\_\_

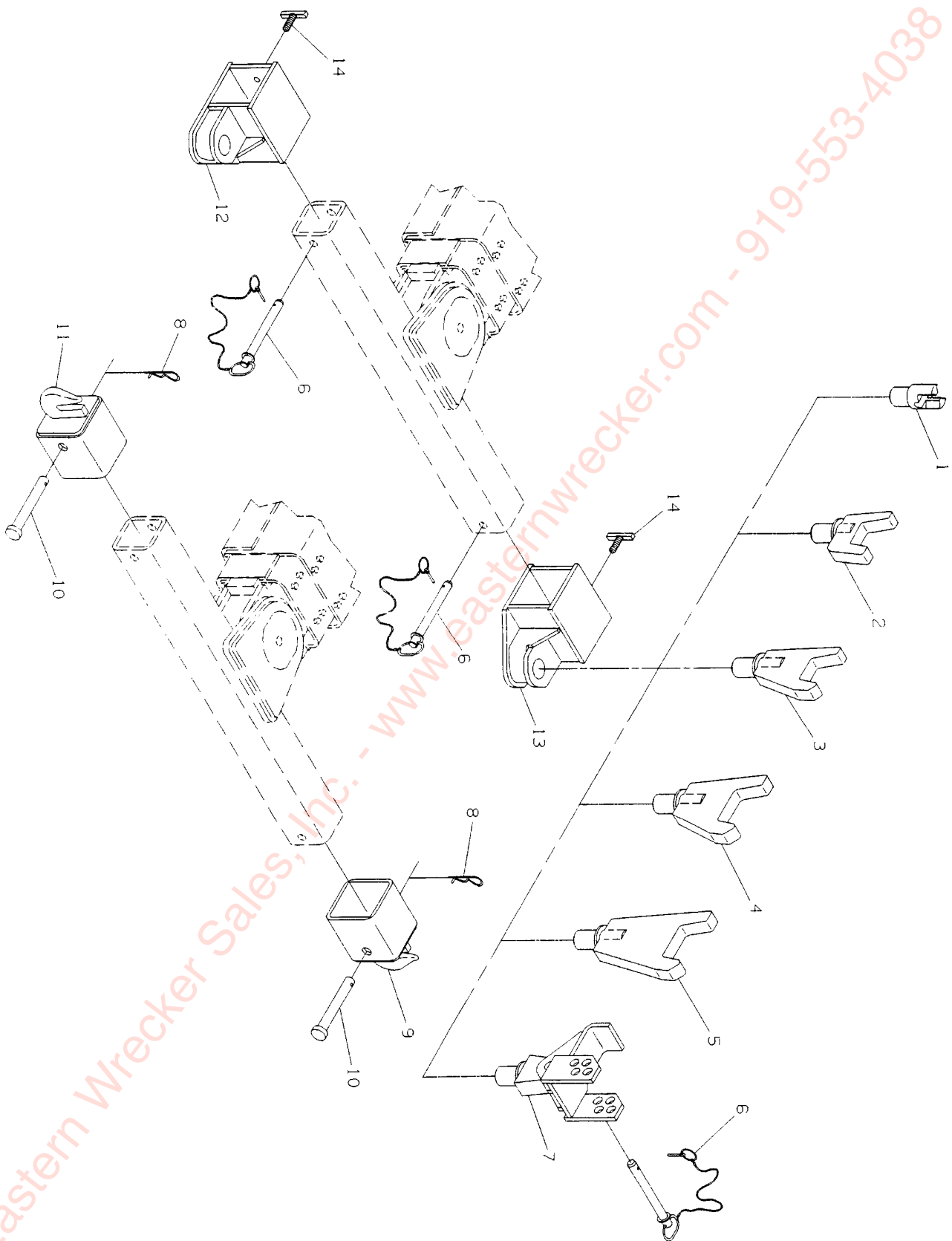
Date \_\_\_\_\_

# CROSSTUBE INSTALLATION





# FRAME FORK INSTALLATION



## PARTS LIST — FRAME FORK INSTALLATION

| Ref. No. | Part No.   | Description              | Qty. |
|----------|------------|--------------------------|------|
| 1        | 4007000007 | Chain Adapter            | 2    |
| 2        | 3454000006 | Short Fork Weldment      | 2    |
| 3        | 3454000005 | Narrow Fork Weldment     | 2    |
| 4        | 3454000003 | Wide Fork Weldment       | 2    |
| 5        | 3454000004 | Long Fork Weldment       | 2    |
| 6        | 7691000021 | Hitch Pin                | 4    |
| 7        | 3178000226 | Spring Lift Bracket      | 2    |
| 8        | 7691000020 | Hairpin                  | 2    |
| 9        | 3007000004 | Chain Adapter, RH        | 1    |
| 10       | 7691000022 | Clevis Pin               | 2    |
| 11       | 3007000005 | Chain Adapter, LH        | 1    |
| 12       | 3007000007 | Lift Receiver, RH        | 1    |
| 13       | 3007000006 | Lift Receiver, LH        | 1    |
| 14       | 3551000036 | T-Handle Weldment        | 2    |
| 15       | 7262000026 | Safety Chain (Not Shown) | 2    |

**JERR-DAN**

An Oshkosh Truck Corporation Company

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Rev. \_\_\_\_\_

Date \_\_\_\_\_

# **PARTS LIST — 5TH WHEEL AND PINTLE HOOK ADAPTER**

| Ref. No. | Part No.   | Description                                    | Qty. |
|----------|------------|------------------------------------------------|------|
| 1        | 3178000240 | Adapter Bracket                                | 1    |
| 2        | 3178000239 | 5th Wheel Plate Bracket                        | 1    |
| 3        | 3706000080 | Adapter Bracket Plate                          | 1    |
| 4        | 3691000145 | 5th Wheel Pin                                  | 1    |
| 5        | 7691000025 | Snap Pin                                       | 2    |
| 6        | 7118267250 | Capscrew                                       | 2    |
| 7        | 7118221650 | Capscrew                                       | 2    |
| 8        | 3691000144 | Pin                                            | 1    |
| 9        | 7561000020 | Dual Purpose Hitch with<br>2" Ball (Domestic)  | 1    |
|          | 7561000022 | Dual Purpose Hitch with<br>50mm Ball (Foreign) | 1    |
| 10       | 7950180000 | Lockwasher                                     | 4    |
| 11       | 7115181250 | Capscrew                                       | 4    |
| 12       | 7056000003 | 1 7/8" Ball Replacement                        | 1    |
|          | 7056000004 | 2" Ball Replacement                            |      |
|          | 7056000005 | 2 5/16" Ball Replacement                       |      |
|          | 7056000006 | 50mm Ball Replacement                          |      |

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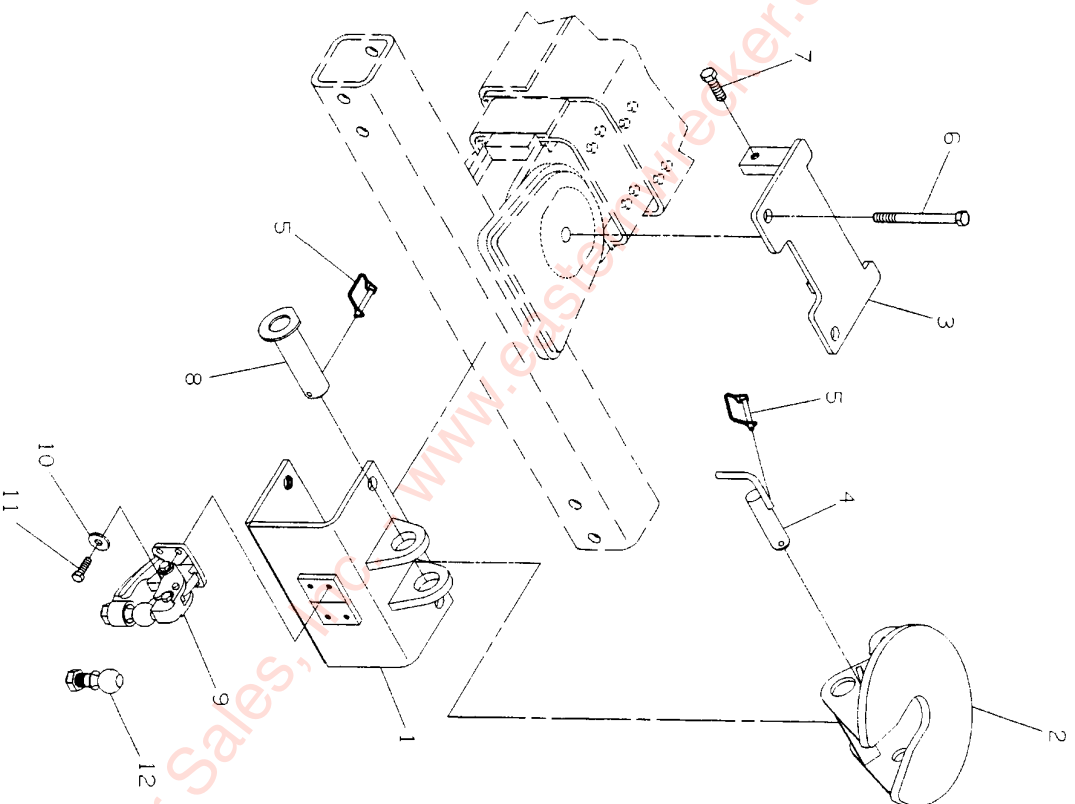
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Rev. \_\_\_\_\_

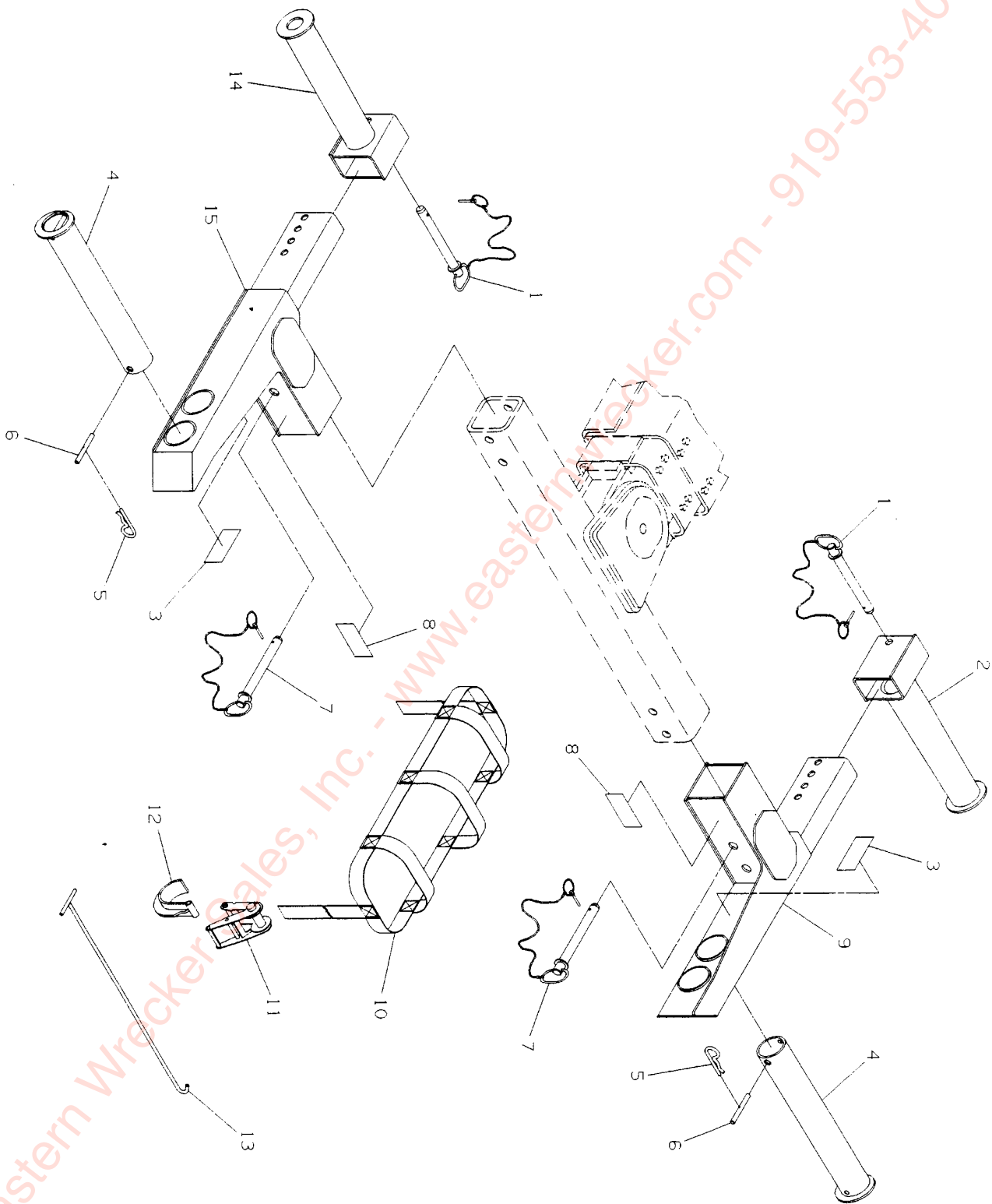
Date \_\_\_\_\_

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# 5TH WHEEL AND PINTLE HOOK ADAPTER



# BUS ARMS INSTALLATION



D-8

## PARTS LIST — BUS ARMS INSTALLATION

| Ref. No. | Part No.   | Description               | Qty. |
|----------|------------|---------------------------|------|
| 1        | 7691000026 | Hitchpin                  | 2    |
| 2        | 3020000050 | Bus Arm Weldment, RH      | 1    |
| 3        | 7330000252 | Decal                     | 2    |
| 4        | 3913000055 | Bus Arm Tube              | 2    |
| 5        | 7691000020 | Hairpin                   | 2    |
| 6        | 4691000274 | Pin                       | 2    |
| 7        | 7691000021 | Pin                       | 2    |
| 8        | 7330000251 | Decal                     | 4    |
| 9        | 3484000032 | Bus Arm Grid Weldment, RH | 1    |
| 10       | 7894000037 | Tie Strap Assy            | 2    |
| 11       | 7894000028 | Ratchet                   | 4    |
| 12       | 3561000008 | Hook                      | 4    |
| 13       | 3561000007 | Pull Hook                 | 1    |
| 14       | 3020000049 | Bus Arm Weldment, LH      | 1    |
| 15       | 3484000033 | Bus Arm Grid Weldment, LH | 1    |

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Rev. \_\_\_\_\_

Date \_\_\_\_\_

**HDL1100/530  
WRECKER BOOM  
PARTS**

|                                           |      |
|-------------------------------------------|------|
| Wrecker Boom Installation .....           | E-2  |
| Wrecker Boom Assembly .....               | E-5  |
| Winch Installation .....                  | E-6  |
| Wrecker Boom Lift Cylinder .....          | E-9  |
| Wrecker Boom Extension Cylinder .....     | E-10 |
| Winch - End Gear Cover Installation ..... | E-13 |
| Winch - Motor End Installation .....      | E-14 |
| Winch - Gear End Installation .....       | E-17 |
| Winch - Cable Drum Installation .....     | E-18 |
| Winch - Input Shaft Installation .....    | E-21 |
| Winch - Cable Hold Down Kit .....         | E-22 |
| Winch - Base Mount Installation .....     | E-25 |

BA-KJ

E-1

Part Number 5-376-000045

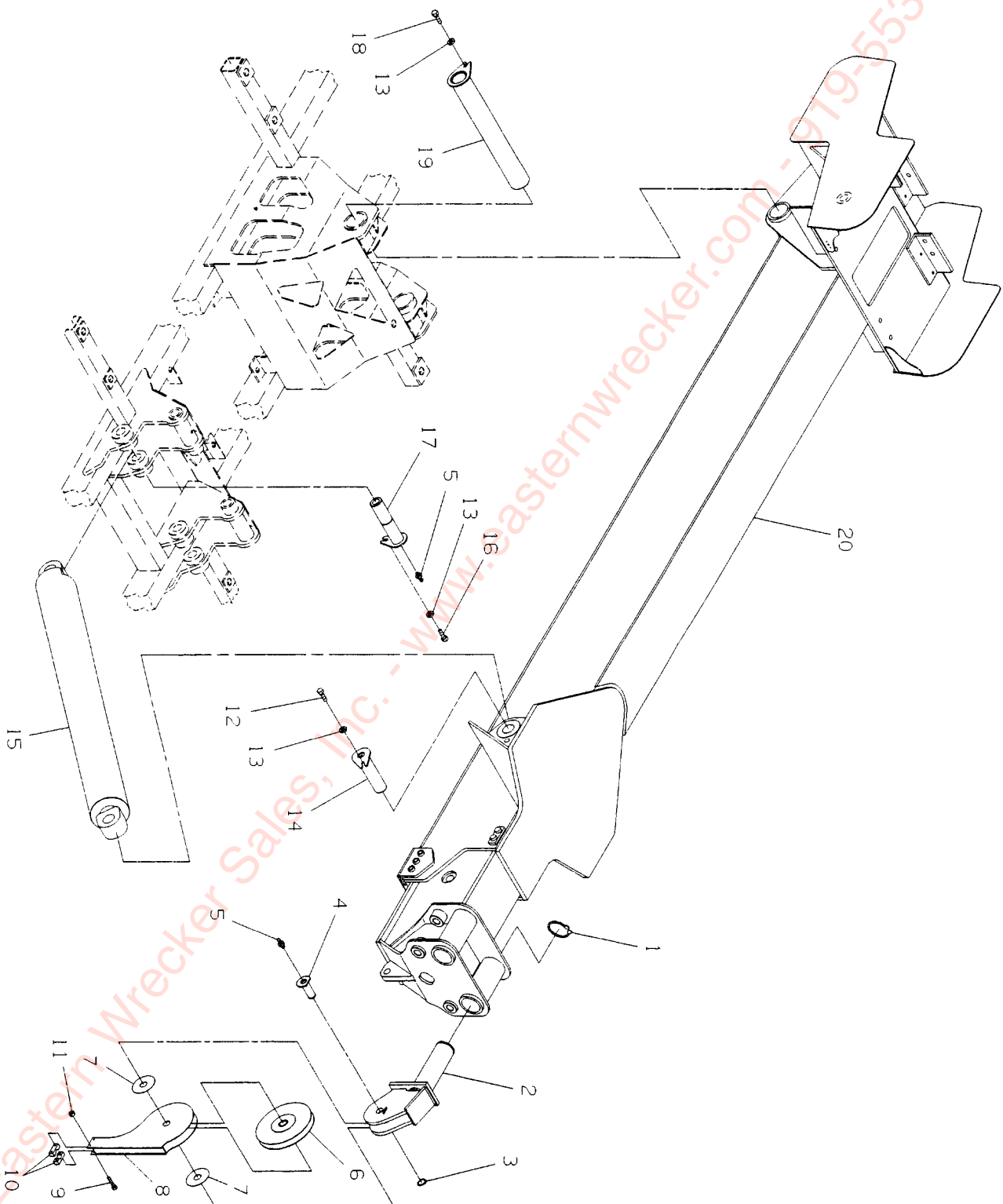
## PARTS LIST — WRECKER BOOM INSTALLATION

| Ref. No. | Part No.                | Description      | Qty. |
|----------|-------------------------|------------------|------|
| 1        | 7754000059 <sup>1</sup> | Retaining Ring   | 2    |
| 2        | 3249000008 <sup>1</sup> | Sheave Support   | 2    |
| 3        | 7754000033 <sup>1</sup> | Retaining Ring   | 2    |
| 4        | 3691000151 <sup>1</sup> | Pin              | 2    |
| 5        | 7440030000 <sup>1</sup> | Grease Fitting   | 4    |
| 6        | 7809000004 <sup>1</sup> | Sheave           | 2    |
| 7        | 4949000045 <sup>1</sup> | Washer           | 8    |
| 8        | 3249000007 <sup>1</sup> | Cable Guide      | 2    |
| 9        | 7115141850 <sup>1</sup> | Capscrew         | 4    |
| 10       | 4249000002 <sup>1</sup> | Cable Guide      | 4    |
| 11       | 7660141600 <sup>1</sup> | Locknut          | 4    |
| 12       | 7115181450              | Capscrew         | 2    |
| 13       | 7950180000              | Lockwasher       | 5    |
| 14       | 3691000148              | Pin              | 2    |
| 15       | 7320000027              | Lift Cylinder    | 2    |
| 16       | 7115181850              | Capscrew         | 2    |
| 17       | 3691000149              | Pin              | 2    |
| 18       | 7115181050              | Capscrew         | 1    |
| 19       | 3691000155              | Pin              | 1    |
| 20       | 3170000136              | Wrecker Assembly | 1    |

<sup>1</sup> Available as Sheave Head Assembly #3249000009

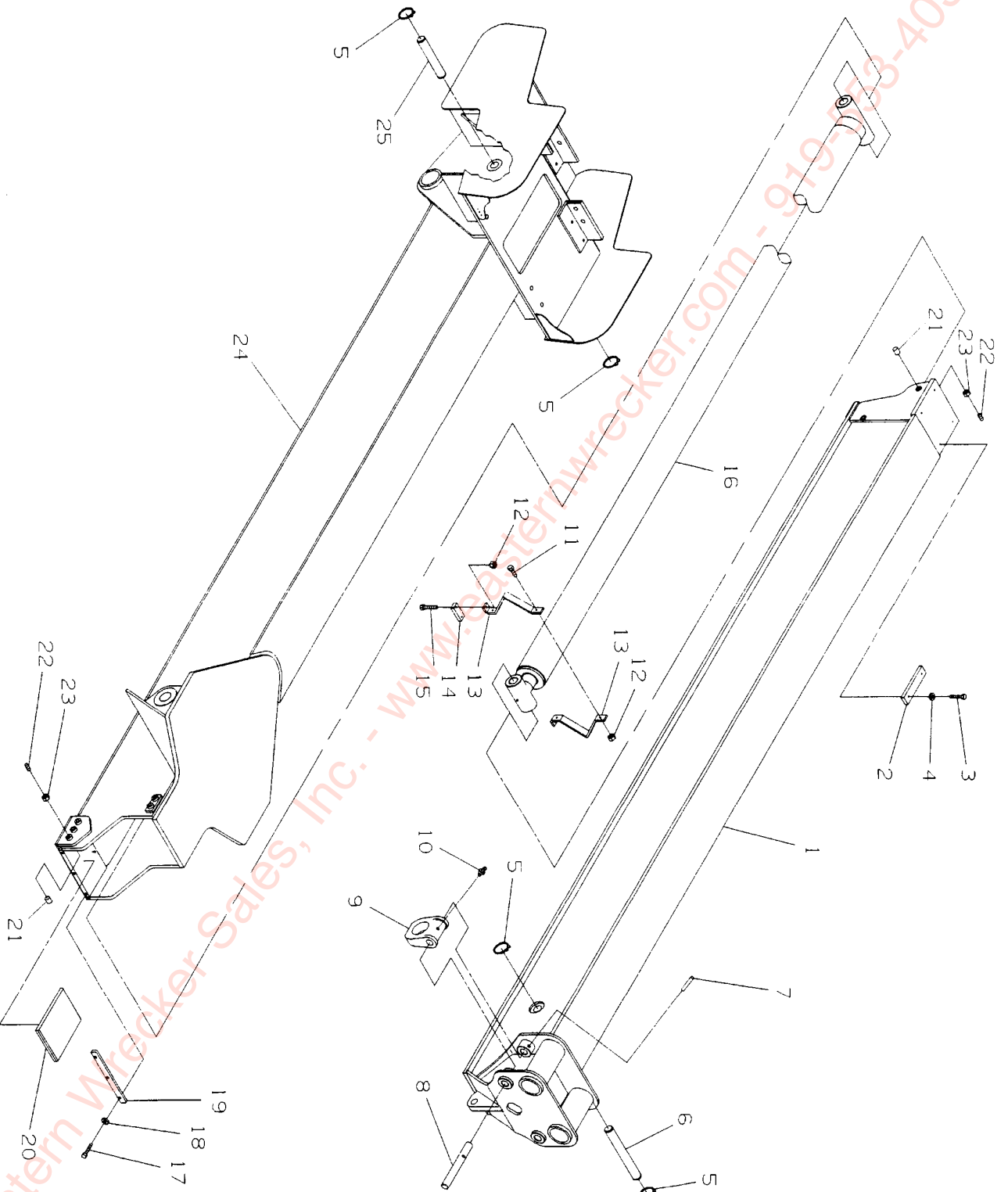


# WRECKER BOOM INSTALLATION



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# WRECKER BOOM ASSEMBLY



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Date \_\_\_\_\_

# **PARTS LIST — WRECKER BOOM ASSEMBLY**

| Ref. No. | Part No.   | Description         | Qty. |
|----------|------------|---------------------|------|
| 1        | 3170000135 | Fly Boom Weldment   | 1    |
| 2        | 4679000140 | Pad                 | 2    |
| 3        | 7114140618 | Capscrew            | 4    |
| 4        | 7950140000 | Lockwasher          | 4    |
| 5        | 7754000055 | Retaining Ring      | 4    |
| 6        | 4691000280 | Pin                 | 1    |
| 7        | 7690144840 | Slotted Spring Pin  | 2    |
| 8        | 4691000285 | D-Ring Pin          | 2    |
| 9        | 4754000004 | D-Ring              | 2    |
| 10       | 7440030000 | Grease Fitting      | 2    |
| 11       | 7115141250 | Capscrew            | 2    |
| 12       | 7660142600 | Locknut             | 4    |
| 13       | 4062000273 | Bracket             | 2    |
| 14       | 4679000150 | Pad                 | 1    |
| 15       | 7114140818 | Capscrew            | 2    |
| 16       | 7320000028 | Boom Cylinder       | 1    |
| 17       | 7115181450 | Capscrew            | 3    |
| 18       | 7950180141 | Flatwasher          | 3    |
| 19       | 4706002276 | Plate               | 1    |
| 20       | 4679000139 | Pad                 | 1    |
| 21       | 4064000032 | Bronze Bar          | 14   |
| 22       | 7786000005 | Setscrew            | 14   |
| 23       | 7660220230 | Jam Nut             | 14   |
| 24       | 3170000133 | Outer Boom Weldment | 1    |
| 25       | 4691000281 | Pin                 | 1    |

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## PARTS LIST — WINCH INSTALLATION

| Ref. No. | Part No.   | Description           | Qty. |
|----------|------------|-----------------------|------|
| 1        | 7970000060 | 50,000 lb Winch, RH   | 1    |
| 2        | 7118222816 | Capscrew              | 16   |
| 3        | 7660222308 | Locknut               | 24   |
| 4        | 7248000046 | Cable with Hook       | 2    |
| 5        | 4017000792 | Mounting Angle, Front | 1    |
| 6        | 7118221616 | Capscrew              | 8    |
| 7        | 7970000059 | 50,000 lb Winch, LH   | 1    |
| 8        | 4017000788 | Mounting Angle, RH    | 1    |
| 9        | 4017000789 | Mounting Angle, LH    | 1    |

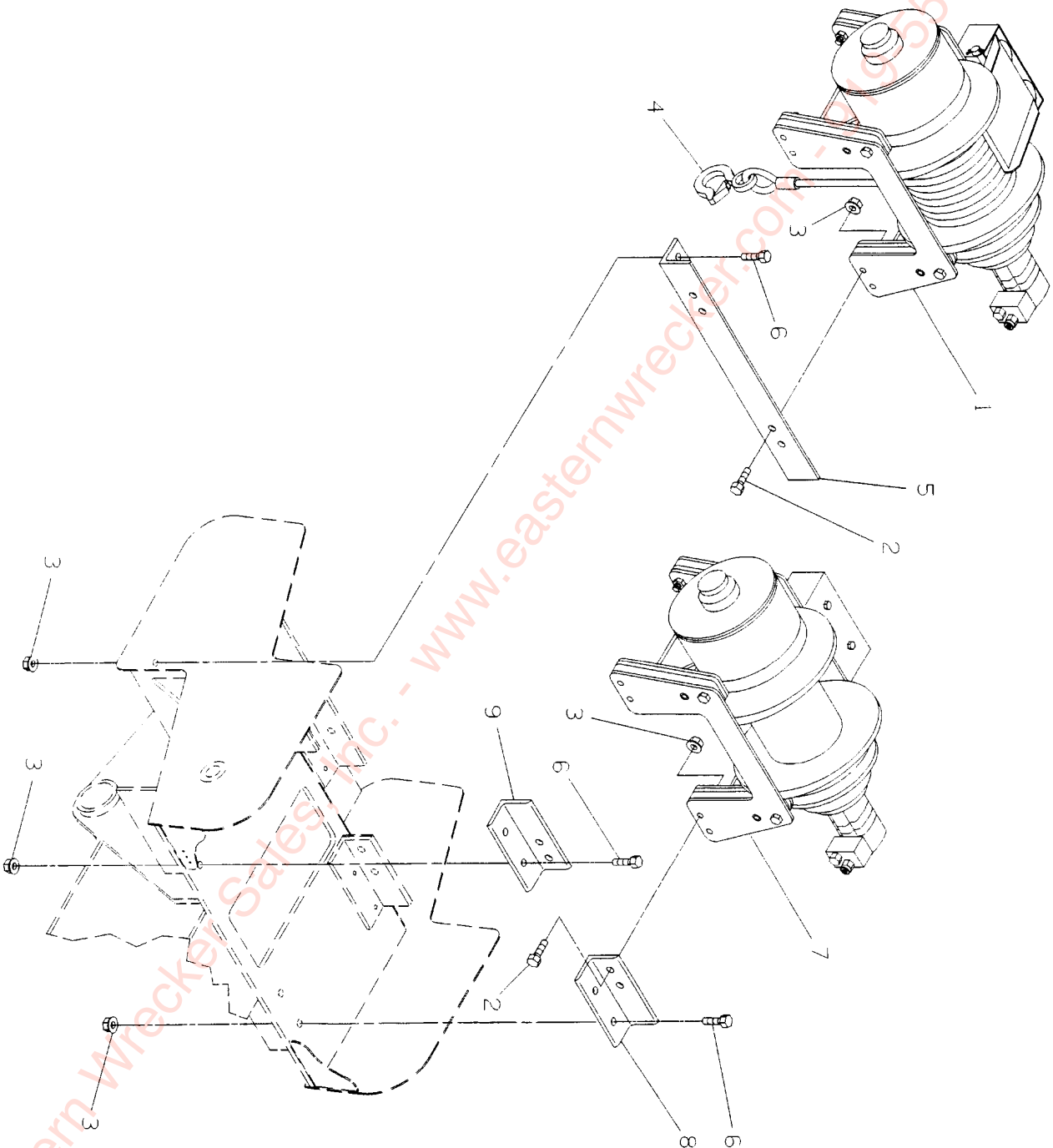
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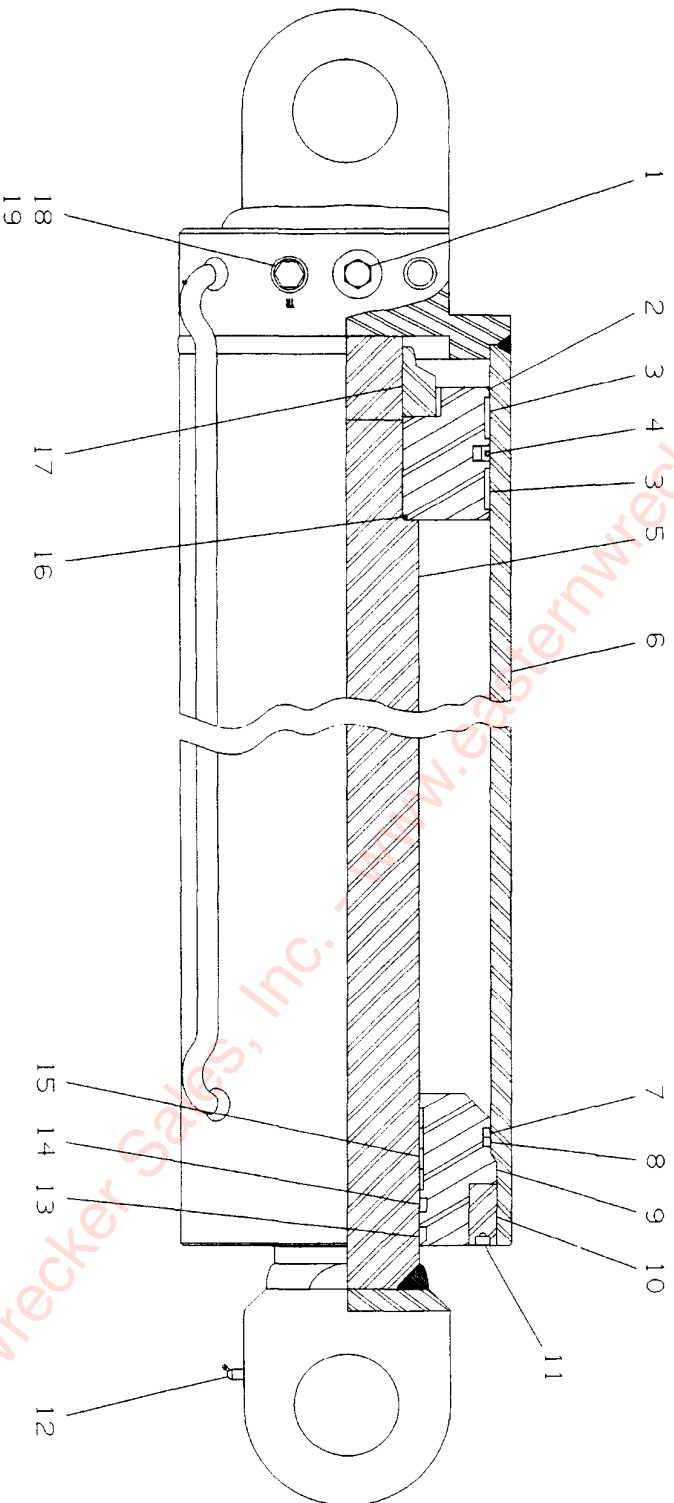
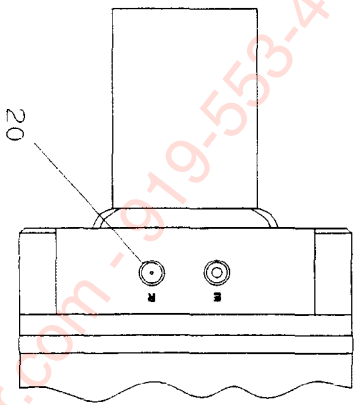
Date \_\_\_\_\_

# WINCH INSTALLATION



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# **WRECKER BOOM LIFT CYLINDER** **7320000027**



**PARTS LIST — WRECKER BOOM LIFT CYLINDER**  
**7320000027**

| Ref. No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 7935000139  | Valve Counterbalance | 2    |
| 2        | 9698250002  | Piston               | 1    |
| 3        | 9754250021* | Wear Ring            | 2    |
| 4        | 9796250074* | Seal                 | 1    |
| 5        | 9763250012  | Rod Assy             | 1    |
| 6        | 9912250007  | Tube Assy            | 1    |
| 7        | 9796250064* | O-Ring               | 1    |
| 8        | 9754250010* | Back-Up Ring         | 1    |
| 9        | 9553250004  | Head                 | 1    |
| 10       | 9254250009  | Headcap              | 1    |
| 11       | 9786250005  | Setscrew             | 1    |
| 12       | 7440030200  | Lube Fitting         | 1    |
| 13       | 9796250083* | Wiper Seal           | 1    |
| 14       | 9796250072* | Seal                 | 1    |
| 15       | 9754250019* | Wear Ring            | 4    |
| 16       | 9796250060* | O-Ring               | 1    |
| 17       | 9661250018  | Locknut              | 1    |
| 18       | 9701250005  | Bleeder Plug         | 2    |
| 19       | 9796250079* | Washer Seal          | 2    |
| 20       | 9701250008  | Port Plug            | 2    |

\* Available only in Service Kit #7577250190

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Date \_\_\_\_\_

**PARTS LIST — WRECKER BOOM EXT. CYLINDER**  
**7320000028**

| Ref. No. | Part No.    | Description          | Qty. |
|----------|-------------|----------------------|------|
| 1        | 9754250018* | Wear Ring            | 4    |
| 2        | 9796250075* | Seal                 | 1    |
| 3        | 9698250003  | Piston               | 1    |
| 4        | 9831250006  | Spacer               | 1    |
| 5        | 9912250005  | Tube Assy            | 1    |
| 6        | 9763250010  | Rod Assy             | 1    |
| 7        | 9796250067* | O-Ring               | 1    |
| 8        | 9754250013* | Back-Up Ring         | 1    |
| 9        | 9553250006  | Head                 | 1    |
| 10       | 9796250063* | O-Ring               | 1    |
| 11       | 7440030000  | Lube Fitting         | 2    |
| 12       | 9796250082* | Wiper Seal           | 1    |
| 13       | 9796250071* | Seal                 | 1    |
| 14       | 9754250018* | Wear Ring            | 3    |
| 15       | 9796250062* | O-Ring               | 1    |
| 16       | 9661250017  | Locknut              | 1    |
| 17       | 7935000139  | Counterbalance Valve | 1    |
| 18       | 9701250005  | Bleeder Plug         | 1    |
| 19       | 9796250079* | Washer Seal          | 1    |
| 20       | 9701250007  | Plug Port            | 2    |

\* Available only in Service Kit #7577250191

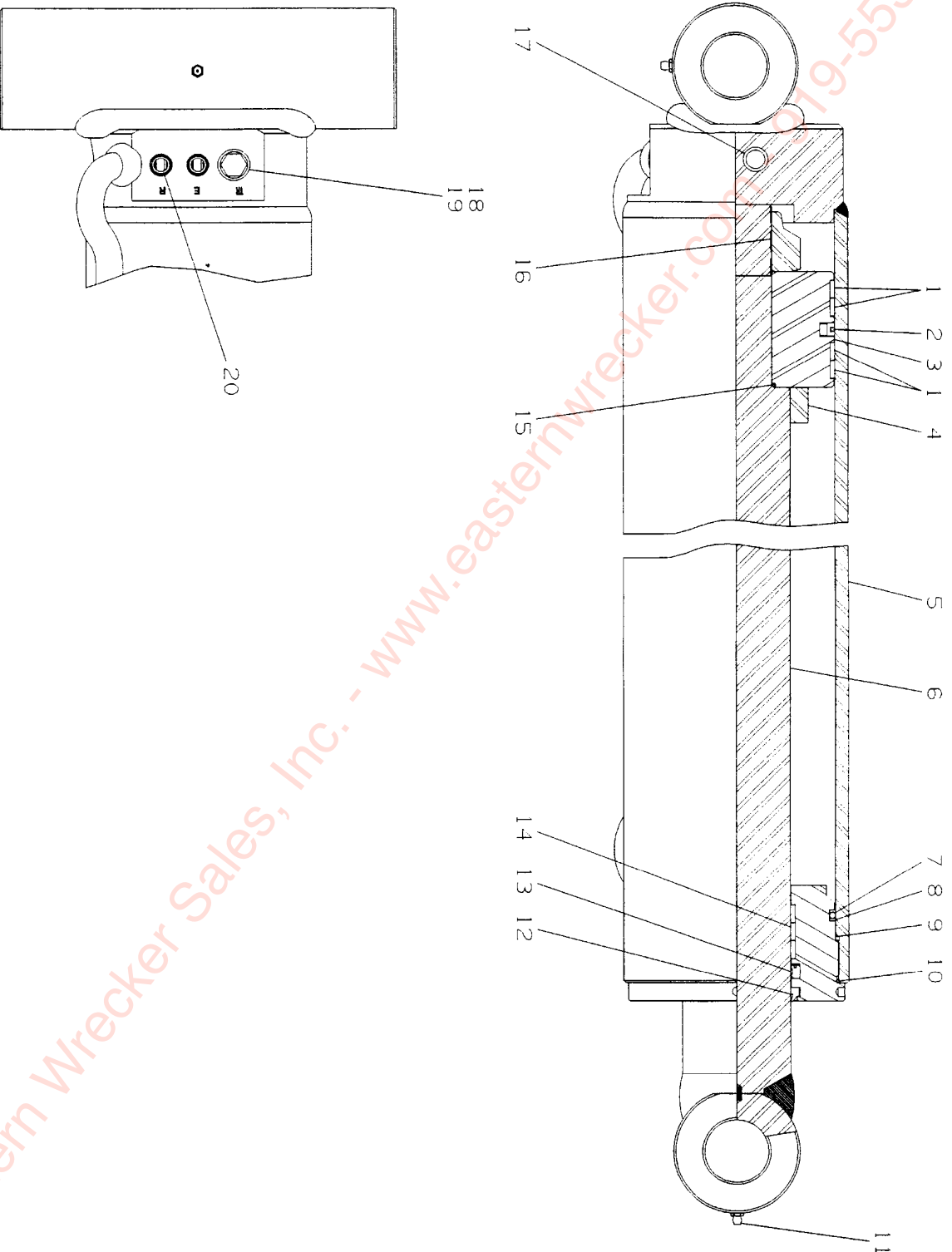
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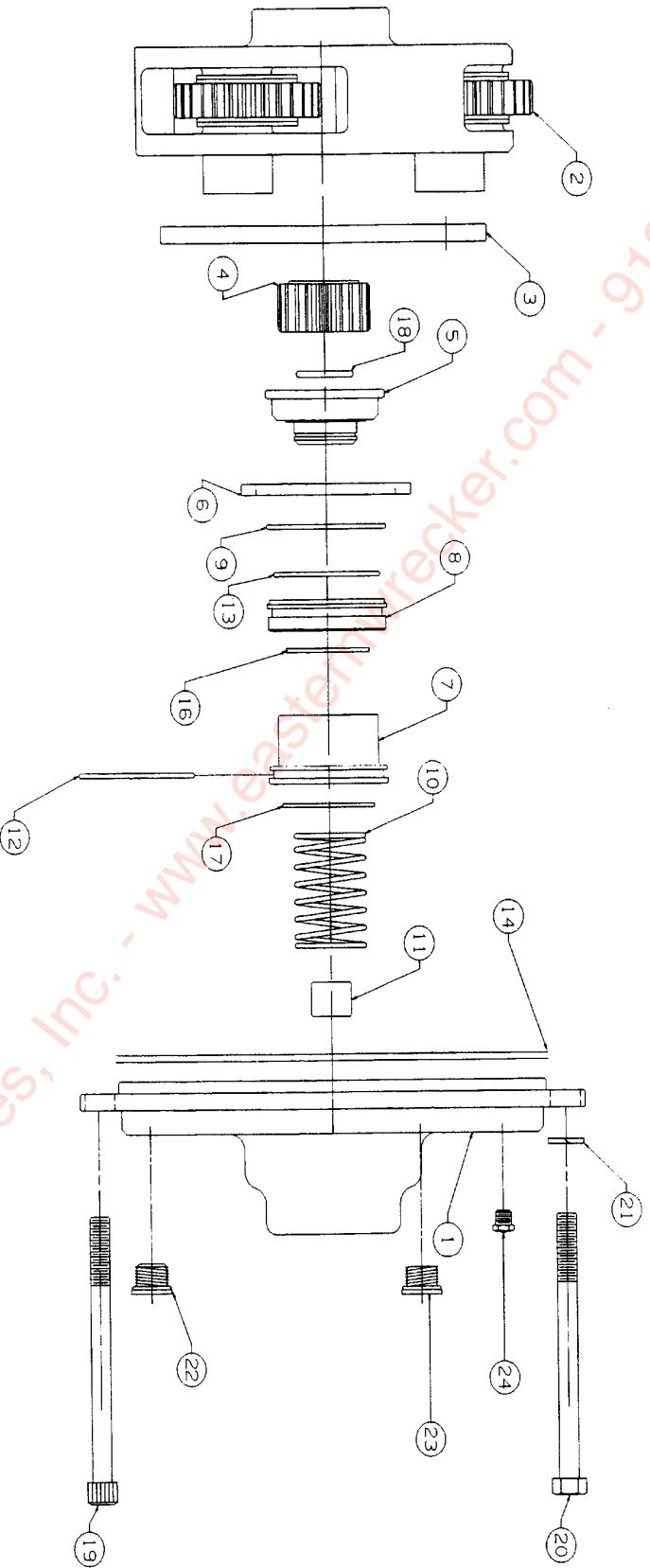
Rev. \_\_\_\_\_  
 Date \_\_\_\_\_



**WRECKER BOOM EXT. CYLINDER**  
7320000028



# WINCH - GEAR END COVER INSTALLATION



ITEM #15 NOT SHOWN

# **PARTS LIST — WINCH - GEAR END COVER INSTALLATION**

| Ref. No. | Part No.    | Description           | Qty. |
|----------|-------------|-----------------------|------|
| 1        | 9314960015  | End Cover             | 1    |
| 2        | 9472960031  | Carrier Assy          | 1    |
| 3        | 9706960024  | Drive Plate           | 1    |
| 4        | 9472960035  | Sun Pri Gear          | 1    |
| 5        | 9309960007  | Kickout Coupling      | 1    |
| 6        | 9949960014  | Thrust Washer         | 1    |
| 7        | 9706960022  | Kickout Piston        | 1    |
| 8        | 9819960001  | Kickout Piston Sleeve | 1    |
| 9        | 9754960026  | Ring                  | 1    |
| 10       | 9843960022  | Spring                | 1    |
| 11       | 9209960021  | Bushing               | 1    |
| 12       | 9796960089  | O-Ring                | 2    |
| 13       | 9796960094  | O-Ring                | 1    |
| 14       | 9796960085  | O-Ring                | 1    |
| 15       | 9701960009* | Caplug                | 1    |
| 16       | 9754960028  | Retainer Ring         | 1    |
| 17       | 9949960015  | Thrust Washer         | 1    |
| 18       | 9754960030  | Retainer Ring         | 1    |
| 19       | 7110785605  | Capscrew              | 2    |
| 20       | 7115186050  | Capscrew              | 10   |
| 21       | 7950180000  | Lockwasher            | 10   |
| 22       | 9701960012  | Plug                  | 1    |
| 23       | 9701960011  | Plug                  | 1    |
| 24       | 9783960001  | Relief Vent           | 1    |

\* Not shown on exploded drawing

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## PARTS LIST — WINCH - MOTOR END INSTALLATION

| Ref. No. | Part No.    | Description                    | Qty. |
|----------|-------------|--------------------------------|------|
| 1        | 9626960013  | Hydraulic Motor                | 1    |
| 2        | 7118181205  | Capscrew                       | 2    |
| 3        | 7950180800  | Lockwasher                     | 2    |
| 4        | 9935960027  | Counterbalance Valve           | 1    |
| 4A       | 9796960088  | O-Ring                         | 2    |
| 5        | 7118162005  | Capscrew                       | 3    |
| 6        | 9571960006  | Brake Housing                  | 1    |
| 7        | 7118172050  | Capscrew                       | 6    |
| 8        | 7950170000  | Lockwasher                     | 6    |
| 9        | 9698960008  | Brake Piston                   | 1    |
| 10       | 9806960013  | Brake Shaft                    | 1    |
| 11       | 9706960023* | Friction Disc Plate            | 5    |
| 12       | 9706960025* | Brake Drive Plate              | 4    |
| 13       | 9691960021  | Pin                            | 2    |
| 14       | 9796960086# | O-Ring                         | 2    |
| 15       | 9796960091# | O-Ring                         | 1    |
| 16       | 9754960024# | Back-Up Ring                   | 1    |
| 17       | 9754960025# | Back-Up Ring                   | 1    |
| 18       | 9831960008  | Spacer                         | 1    |
| 19       | 9082960013  | Ball Bearing                   | 2    |
| 20       | 9796960092# | O-Ring                         | 1    |
| 21       | 9796960090  | O-Ring                         | 1    |
| 22       | 9843960024* | Spring                         | 12   |
| 23       | 7007960040  | Brake Adapter                  | 1    |
| 24       | 9472960032  | Ring Gear                      | 1    |
| 25       | 9472960029  | Planetary Carrier Assembly     | 1    |
| 26       | 9472960033  | Sun Gear                       | 1    |
| 27       | 9806960014  | Extension Shaft                | 1    |
| 28       | 9796960085  | O-Ring                         | 2    |
| 29       | 9706960027  | Thrust Plate                   | 1    |
| 30       | 9082960014  | Roller Bearing                 | 1    |
| 31       | 9796960087  | Seal                           | 1    |
| 32       | 9754960029  | Retaining Ring                 | 1    |
| 33       | 7445040445  | 90° Adapter                    | 2    |
| 34       | 9570960001  | Hose                           | 2    |
| 35       | 7115182250  | Capscrew                       | 4    |
| 36       | 7950180000  | Lockwasher                     | 4    |
| 37       | 9183960001  | Relief Vent                    | 1    |
| 38       | 9701960010  | Plug                           | 2    |
| 39       | 9177960002  | Support                        | 1    |
| 40       | 7445040446  | 45° Adapter                    | 1    |
| 41       | 9935960026  | Valve Cartridge                | 1    |
| 42       | 9701960013  | Counterbalance Valve Plug Assy | 1    |
| 43       | 7445040443  | Straight Adapter               | 1    |

\* Available only as part of Kit #9577960119

# Available only as part of Kit #9577960120

**JERR-DAN**

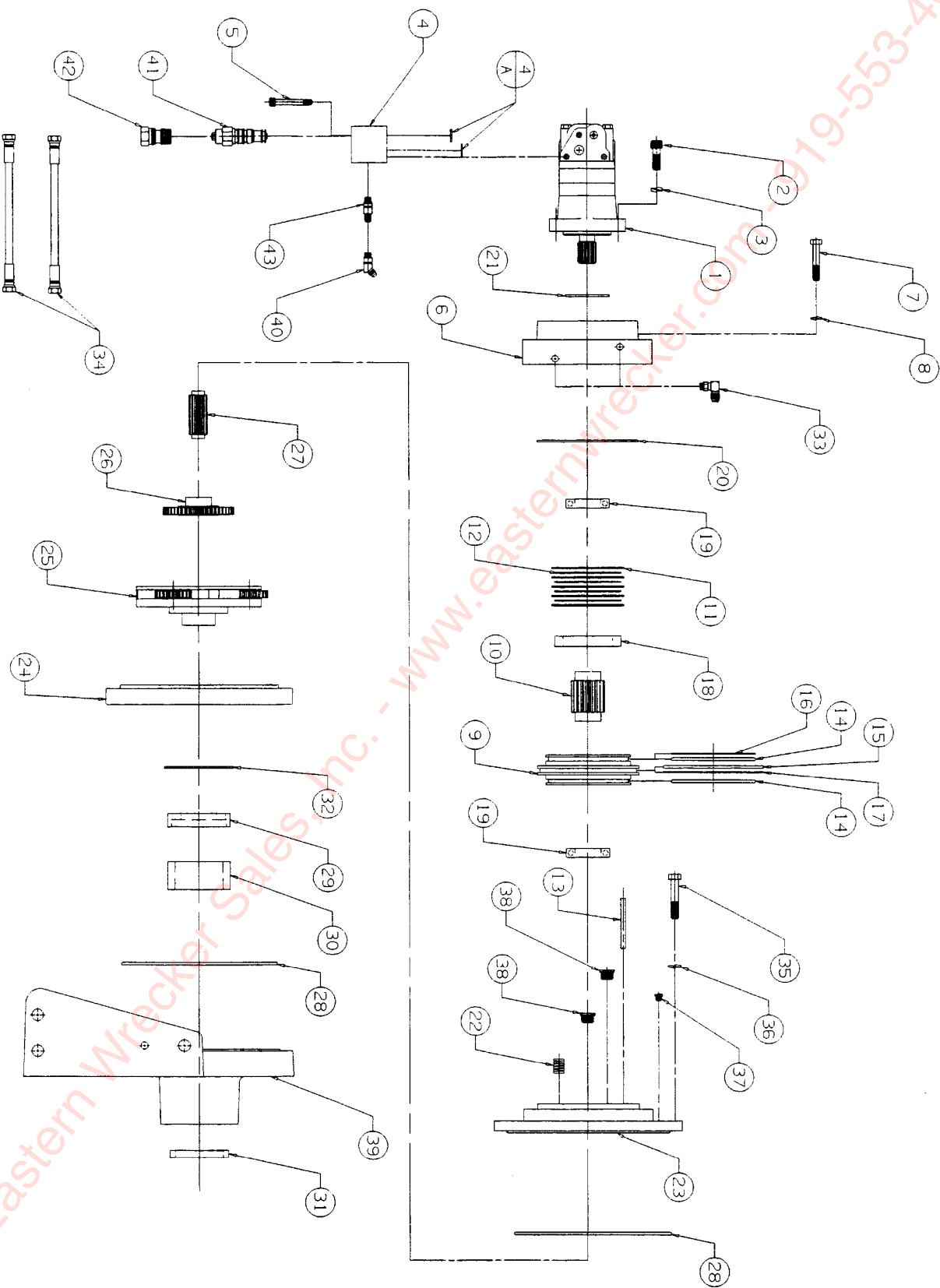
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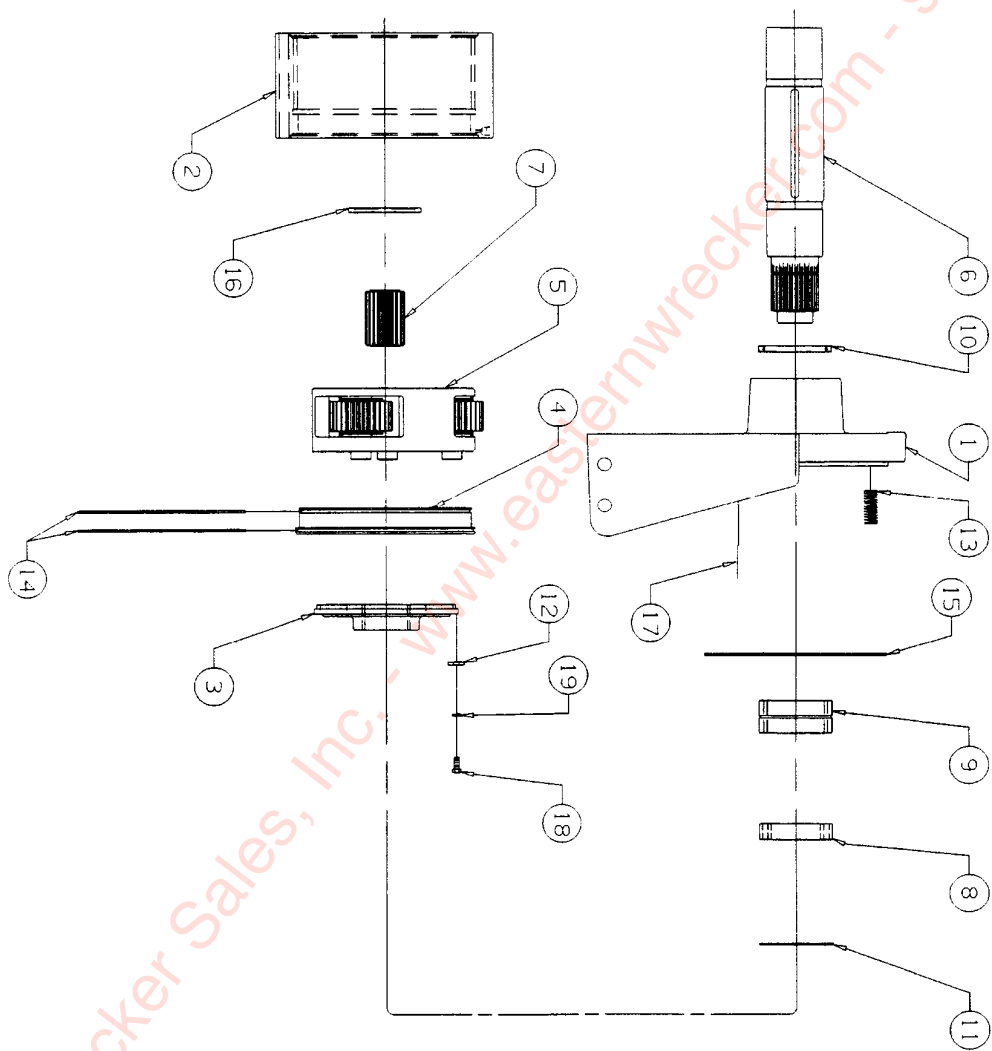
Rev. \_\_\_\_\_

Date \_\_\_\_\_

# WINCH - MOTOR END INSTALLATION



WINCH - GEAR END INSTALLATION



# **PARTS LIST — WINCH - GEAR END INSTALLATION**

| Ref. No. | Part No.   | Description                | Qty. |
|----------|------------|----------------------------|------|
| 1        | 9177960001 | Support                    | 1    |
| 2        | 9472960036 | Gear Ring                  | 1    |
| 3        | 9281960004 | Kickout Clutch             | 1    |
| 4        | 9698960009 | Kickout Piston             | 1    |
| 5        | 9472960030 | Secondary Assembly Carrier | 1    |
| 6        | 9806960015 | Output Shaft               | 1    |
| 7        | 9472960034 | Secondary Sun Gear         | 1    |
| 8        | 9754960027 | Thrust Ring                | 1    |
| 9        | 9082960014 | Roller Bearing             | 1    |
| 10       | 9796960087 | Seal                       | 1    |
| 11       | 9754960029 | Retainer Ring              | 1    |
| 12       | 9698960010 | Piston Retainer            | 3    |
| 13       | 9843960025 | Spring                     | 3    |
| 14       | 9796960093 | O-Ring                     | 2    |
| 15       | 9796960085 | O-Ring                     | 1    |
| 16       | 9949960015 | Thrust Washer              | 1    |
| 17       | 7690153245 | Spirol Pin                 | 2    |
| 18       | 7115150650 | Capscrew                   | 6    |
| 19       | 7950150000 | Lockwasher                 | 6    |

**PARTS LIST — WINCH - CABLE DRUM INSTALLATION**

| Ref. No. | Part No.   | Description | Qty. |
|----------|------------|-------------|------|
| 1        | 9970280017 | Drum        | 1    |
| 2        | 9575960010 | Drum Key    | 2    |
| 3        | 7110161205 | Capscrew    | 2    |
| 4        | 7950160800 | Lockwasher  | 2    |
| 5        | 9280960002 | Cable Clip  | 1    |
| 6        | 7110201823 | Capscrew    | 2    |

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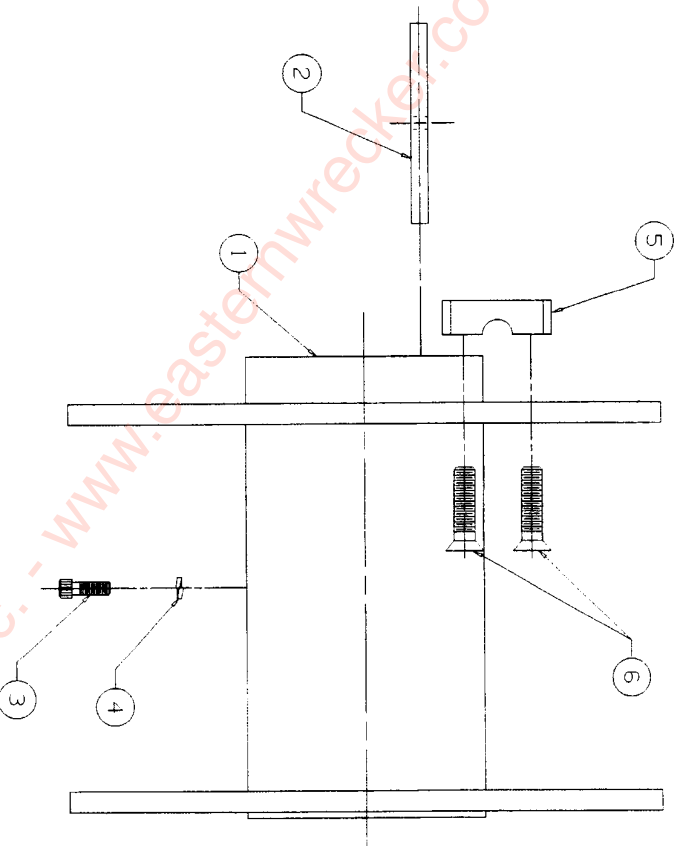
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# WINCH - CABLE DRUM INSTALLATION



# WINCH - INPUT SHAFT INSTALLATION



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**PARTS LIST — WINCH - INPUT SHAFT INSTALLATION**

| Ref. No. | Part No.   | Description | Qty. |
|----------|------------|-------------|------|
| 1        | 9806960012 | Input Shaft | 1    |

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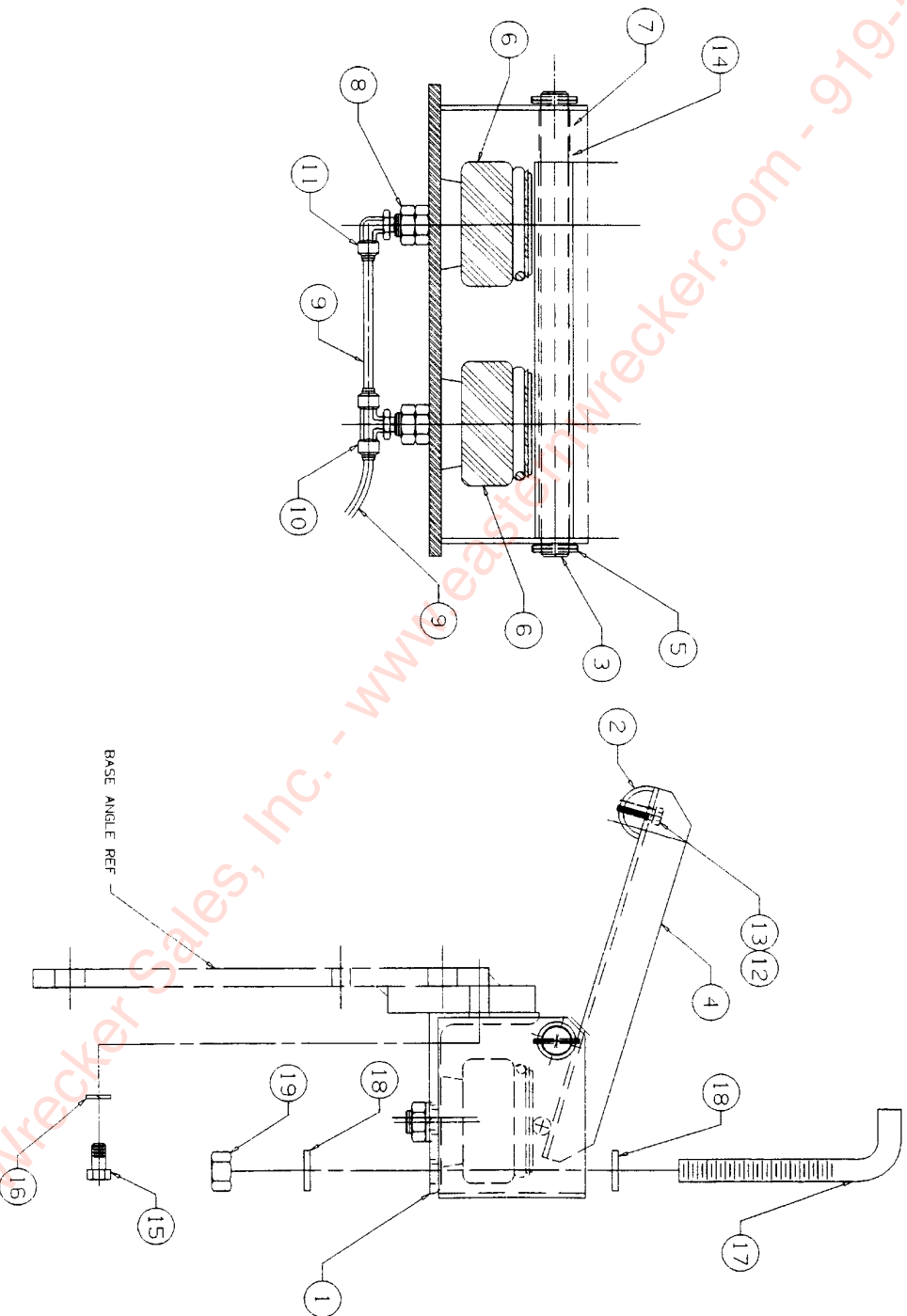
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Date \_\_\_\_\_

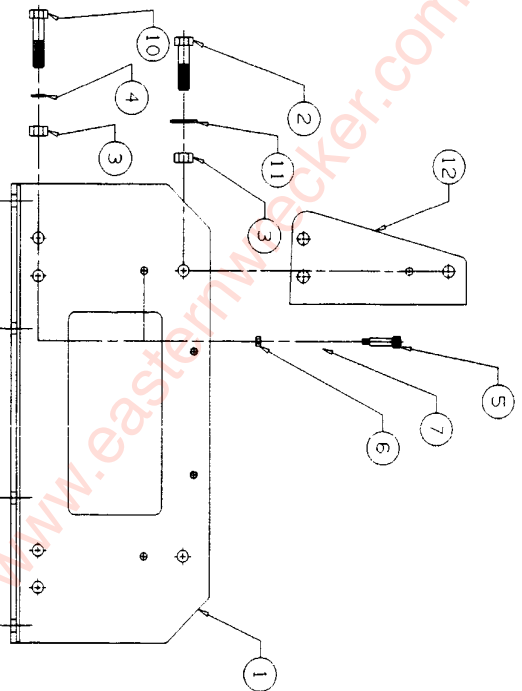
# **PARTS LIST — WINCH - CABLE HOLD DOWN KIT**

| Ref. No. | Part No.   | Description   | Qty. |
|----------|------------|---------------|------|
| 1        | 9178960011 | Bracket       | 1    |
| 2        | 9064960001 | Rub Bar       | 1    |
| 3        | 9691960019 | Pivot Pin     | 1    |
| 4        | 9020960002 | Pivot Arm     | 1    |
| 5        | 7690102410 | Cotter Pin    | 2    |
| 6        | 9843960023 | Spring        | 2    |
| 7        | 9831960009 | Pin Spacer    | 1    |
| 8        | 7660200200 | Jam Nut       | 4    |
| 9        | 9912960010 | Nylon Tubing  | 1    |
| 10       | 7443000205 | Tee Adapter   | 1    |
| 11       | 7443000204 | 90° Adapter   | 1    |
| 12       | 7950150000 | Lockwasher    | 2    |
| 13       | 7115150850 | Capscrew      | 2    |
| 14       | 9949960012 | Thrust Washer | 2    |
| 15       | 7115181650 | Capscrew      | 2    |
| 16       | 7950180000 | Lockwasher    | 2    |
| 17       | 9120960019 | Anchor Bolt   | 1    |
| 18       | 7950200151 | Flatwasher    | 2    |
| 19       | 7660200001 | Nut           | 1    |

# WINCH - CABLE HOLD DOWN KIT



# WINCH - BASE MOUNT INSTALLATION



ITEMS #8, 9 AND 13 NOT SHOWN.

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# **PARTS LIST — WINCH - BASE MOUNT INSTALLATION**

| Ref. No. | Part No.    | Description         | Qty. |
|----------|-------------|---------------------|------|
| 1        | 9073960002  | Base Mount          | 2    |
| 2        | 7115222450  | Capscrew            | 4    |
| 3        | 7660220001  | Nut                 | 12   |
| 4        | 7950220000  | Lockwasher          | 8    |
| 5        | 9120960020  | Shoulder Bolt       | 4    |
| 6        | 7660160001  | Nut                 | 4    |
| 7        | 7950160151  | Flatwasher          | 4    |
| 8        | 9706960026* | Information Plate   | 1    |
| 9        | 9759960001* | Rivet               | 4    |
| 10       | 7115222650  | Capscrew            | 8    |
| 11       | 7950220151  | Flatwasher          | 4    |
| 12       | 9831960007  | Spacer              | 4    |
| 13       | 9577960113* | Cable Hold Down Kit | 1    |

\* Not shown on exploded drawing

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## SCHEMATICS

|                                          |      |
|------------------------------------------|------|
| Body Wiring .....                        | F-2  |
| Switch Panel Wiring .....                | F-5  |
| Pylon/Emergency Light Installation ..... | F-6  |
| Schematic Winch and Aux. Air .....       | F-9  |
| Hydraulic Schematic.....                 | F-11 |

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Part Number 5-376-000046



**PARTS LIST — BODY WIRING**

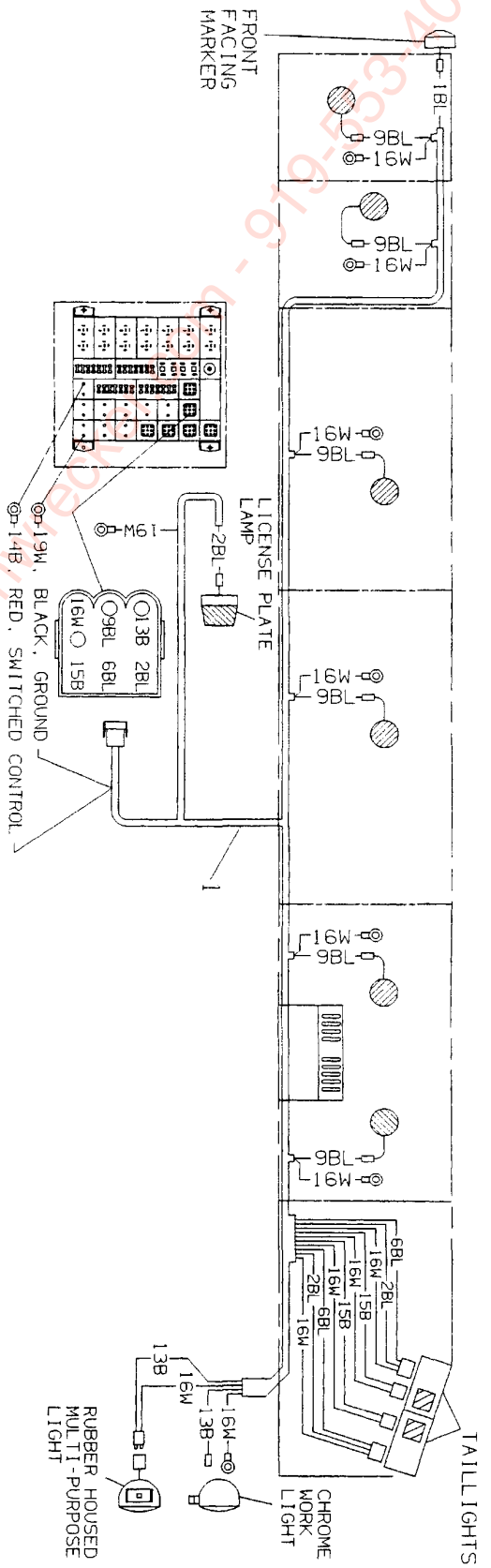
| Ref. No. | Part No.   | Description      | Qty. |
|----------|------------|------------------|------|
| 1        | 7552000123 | Body Harness, RH | 1    |
| 2        | 7552000124 | Body Harness, LH | 1    |

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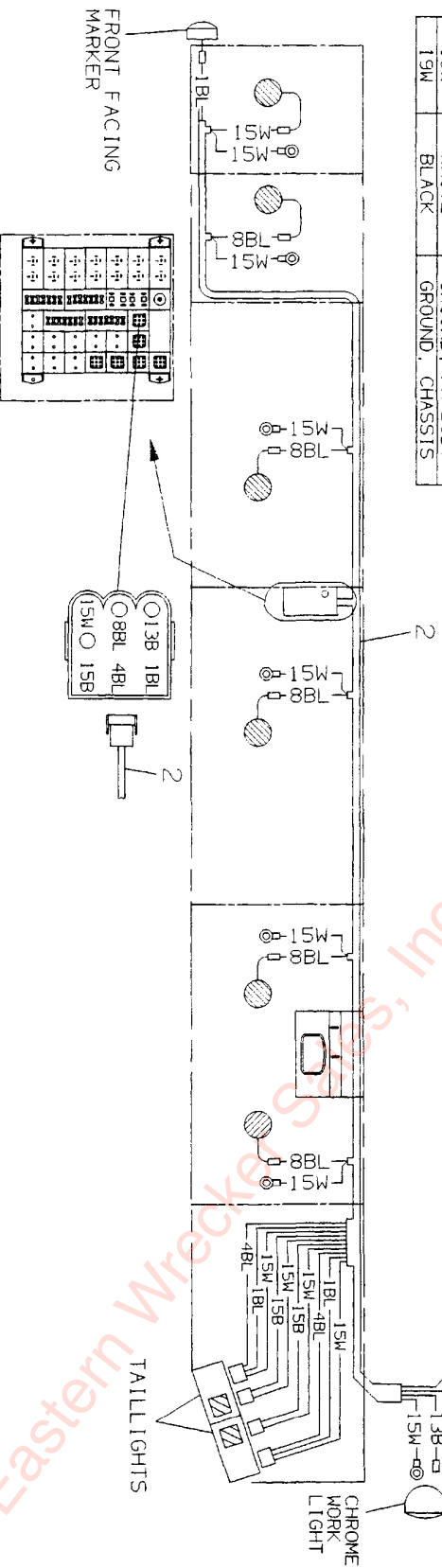
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Date \_\_\_\_\_

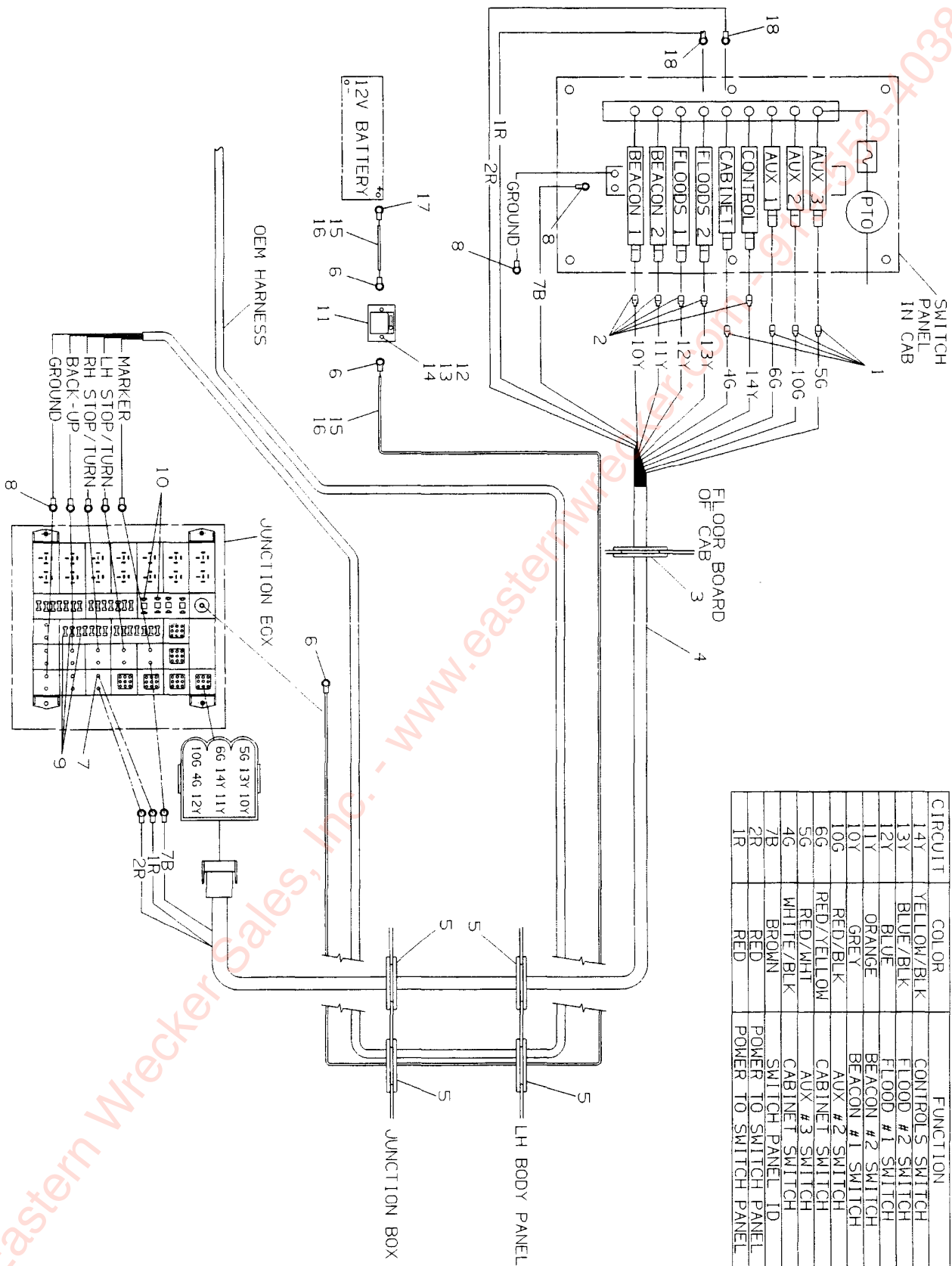
# BODY WIRING



| CIRCUIT | COLOR       | FUNCTION             |
|---------|-------------|----------------------|
| 1BL     | BROWN       | MARKER/TAIL          |
| 2BL     | BROWN       | MARKER/TAIL          |
| 4BL     | YELLOW      | LH STOP/TURN         |
| 6BL     | GREEN       | RH STOP/TURN         |
| 8BL     | WHITE/BLACK | LH COMPARTMENT LIGHT |
| 9BL     | WHITE/BLACK | RH COMPARTMENT LIGHT |
| 13B     | BLUE        | FLOOD #2             |
| 15B     | BLACK       | BACK-UP              |
| 15W     | WHITE       | GROUND, LH BODY      |
| 16W     | WHITE       | GROUND, RH BODY      |
| 19W     | BLACK       | GROUND, CHASSIS      |



SWITCH PANEL WIRING



# **PARTS LIST — SWITCH PANEL WIRING**

| Ref. No. | Part No.   | Description           | Qty.   |
|----------|------------|-----------------------|--------|
| 1        | 7345001910 | Tab                   | 4      |
| 2        | 7345001710 | Tab                   | 5      |
| 3        | 7493000003 | Grommet               | 1      |
| 4        | 7552000092 | Switch Harness        | 1      |
| 5        | 7493000011 | Grommet               | 5      |
| 6        | 7345222202 | Ring Terminal         | 3      |
| 7        | 7661000023 | Hex Nut w/ Lockwasher | 6      |
| 8        | 7345211702 | Ring Terminal         | 7      |
| 9        | 7457000012 | 20 Amp Fuse           | 3      |
| 10       | 7457000023 | 20 Amp Fuse           | 2      |
| 11       | 7870000043 | Circuit Breaker       | 1      |
| 12       | 7950140151 | Flatwasher            | 2      |
| 13       | 7660142601 | Locknut               | 2      |
| 14       | 7115140650 | Capscrew              | 2      |
| 15       | 7978000011 | Cable                 | 25 ft. |
| 16       | 8597650001 | Loom                  | 25 ft. |
| 17       | 7345242202 | Ring Terminal         | 1      |
| 18       | 7345211902 | Ring Terminal         | 2      |

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Date \_\_\_\_\_

# PARTS LIST — PYLON EMERGENCY LIGHT INSTALLATION

| Ref. No. | Part No.    | Description                  | Qty. |
|----------|-------------|------------------------------|------|
| 1        | 7493000011  | Grommet                      | 5    |
| 2        | 7493000003  | Grommet                      | 3    |
| 3        | 7590000127  | Dome Light                   | 2    |
| 4        | 7493000002  | Grommet                      | 2    |
| 5        | 7590000095  | Marker Light Assembly        | 4    |
| 6        | 7552000125  | Headboard/Work Light Harness | 1    |
| 7        | 7590000097  | Light Bar                    | 1    |
| 8        | 4178000207  | Bracket                      | 2    |
| 9        | 7590000096  | Work Light                   | 2    |
| 10       | 7115150664  | Carriage Bolt                | 4    |
| 11       | 7950150000  | Lockwasher                   | 8    |
| 12       | 7950150161  | Flatwasher                   | 8    |
| 13       | 7660152200  | Acorn Nut                    | 8    |
| 14       | 4178000234  | Bracket                      | 2    |
| 15       | 7115150864  | Carriage Bolt                | 4    |
| 16       | 7115161250  | Capscrew                     | 8    |
| 17       | 7950160161  | Flatwasher                   | 16   |
| 18       | 7660162601  | Locknut                      | 8    |
| 19       | 7577000173  | Plug Kit                     | 1    |
| 20       | 7346000075* | Connector                    | 1    |
| 21       | 7457000011  | 10 Amp Fuse                  | 1    |
| 22       | 7457000012  | 20 Amp Fuse                  | 4    |
| 23       | 7457000006  | 15 Amp Fuse                  | 1    |
| 24       | 7740000001  | Relay                        | 3    |
| 25       | 7457000013  | 30 Amp Fuse                  | 2    |
| 26       | 7661000023  | Hex Nut w/Lockwasher         | 2    |
| 27       | 8594100002  | Loom                         | 6    |

\* If alternative is used and lightbar not required, use this item.

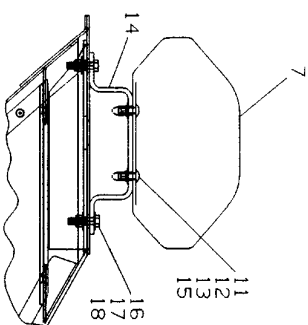


Diagram of the rear view of the Model 10000A, showing the rear panel with various connectors and a cable harness. The diagram includes a legend for the cable colors and their corresponding functions.

**Legend:**

- 17W. BLACK 10 GA. GROUND
- 10B. RED 14 GA ROTATOR, BEACON #1
- 10B. RED/BLACK 14 GA ROTATOR, BEACON #1
- 10B. WHITE/BLACK 16 GA ROTATOR, BEACON #1
- 5BL. YELLOW 16 GA LH S/T LIGHT
- 7BL. YELLOW/BLACK 16 GA RH S/T LIGHT
- 3BL. ORANGE/BLACK 16 GA DOT/TAI LIGHTS
- 5G. ORANGE 16 GA AUX #3
- 11B. WHITE 16 GA ROTATOR, BEACON #2
- 11B. BLUE 16 GA ROTATOR, BEACON #2
- 11B. BLUE/BLACK 16 GA ROTATOR, BEACON #2

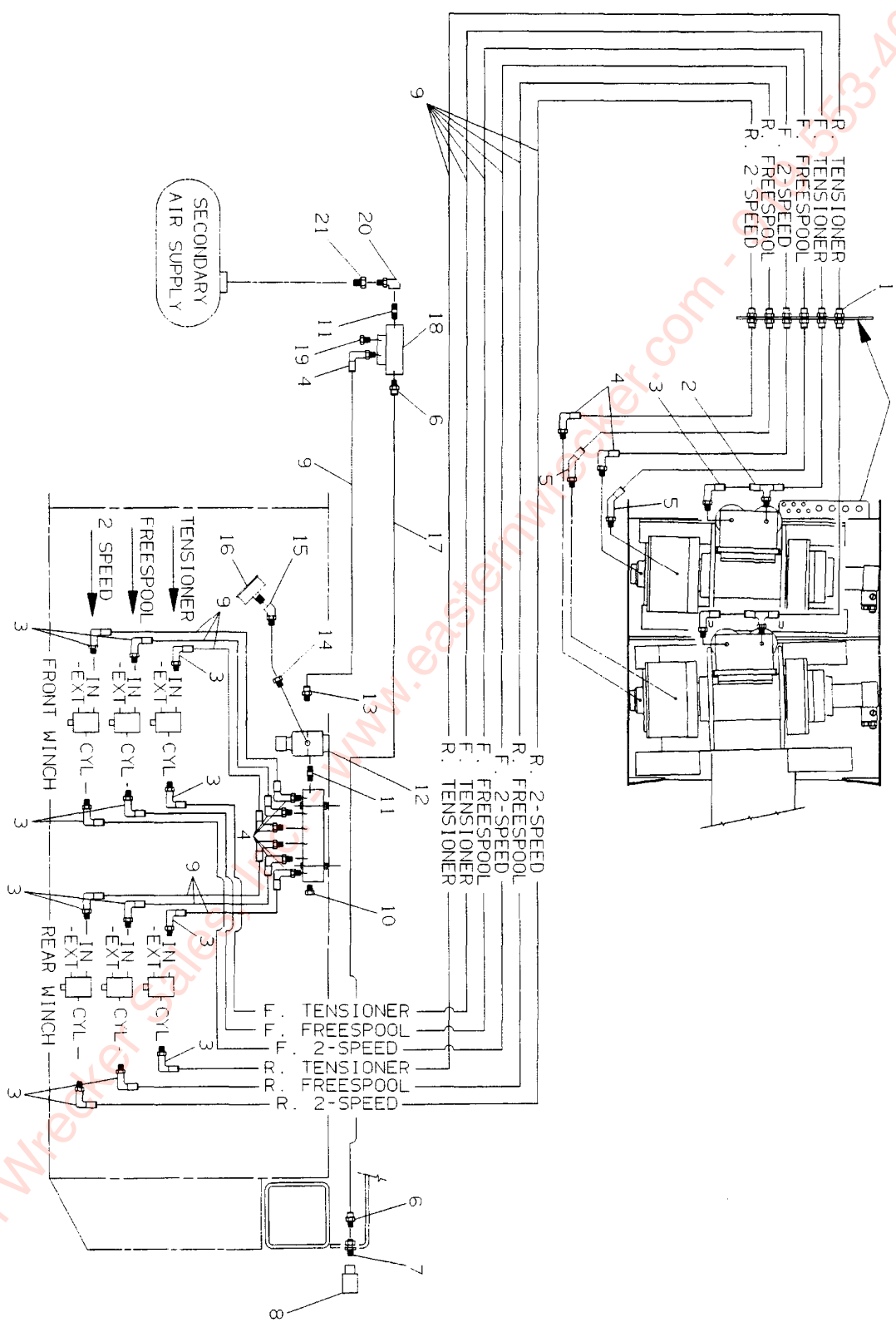
**Diagram Labels:**

- 19: Cable harness
- 20: Cable connector
- 21: Ground
- 22: Ground
- 23: Ground
- 24: Ground
- 25: Ground
- 26: Ground
- 27: Ground
- 28: Ground
- 29: Ground
- 30: Ground
- 31: Ground
- 32: Ground
- 33: Ground
- 34: Ground
- 35: Ground
- 36: Ground
- 37: Ground
- 38: Ground
- 39: Ground
- 40: Ground
- 41: Ground
- 42: Ground
- 43: Ground
- 44: Ground
- 45: Ground
- 46: Ground
- 47: Ground
- 48: Ground
- 49: Ground
- 50: Ground
- 51: Ground
- 52: Ground
- 53: Ground
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- 55: Ground
- 56: Ground
- 57: Ground
- 58: Ground
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- 61: Ground
- 62: Ground
- 63: Ground
- 64: Ground
- 65: Ground
- 66: Ground
- 67: Ground
- 68: Ground
- 69: Ground
- 70: Ground
- 71: Ground
- 72: Ground
- 73: Ground
- 74: Ground
- 75: Ground
- 76: Ground
- 77: Ground
- 78: Ground
- 79: Ground
- 80: Ground
- 81: Ground
- 82: Ground
- 83: Ground
- 84: Ground
- 85: Ground
- 86: Ground
- 87: Ground
- 88: Ground
- 89: Ground
- 90: Ground
- 91: Ground
- 92: Ground
- 93: Ground
- 94: Ground
- 95: Ground
- 96: Ground
- 97: Ground
- 98: Ground
- 99: Ground
- 100: Ground

SIDE VIEW OF  
JUNCTION BOX

Rev. \_\_\_\_\_  
Date \_\_\_\_\_

# SCHEMATIC WINCH AND AUX AIR



# **PARTS LIST — SCHEMATIC WINCH AND AUX AIR**

| Ref. No. | Part No.   | Description        | Qty.    |
|----------|------------|--------------------|---------|
| 1        | 7443000178 | Union              | 6       |
| 2        | 7443000174 | Tee                | 2       |
| 3        | 7443000173 | Elbow              | 14      |
| 4        | 7443000139 | Elbow              | 9       |
| 5        | 7443000176 | Elbow              | 2       |
| 6        | 7443000175 | Fitting            | 2       |
| 7        | 7446502518 | Clamping Stud      | 1       |
| 8        | 7312000017 | Air Coupling       | 1       |
| 9        | 7565000016 | Tubing             | 150 ft. |
| 10       | 7444020013 | Plug               | 1       |
| 11       | 7443000156 | Nipple             | 2       |
| 12       | 7295000029 | Air Regulator      | 1       |
| 13       | 7443000138 | Fitting            | 1       |
| 14       | 7443000149 | Bushing            | 1       |
| 15       | 7443000066 | Fitting            | 1       |
| 16       | 7470000006 | Air Pressure Gauge | 1       |
| 17       | 7565000014 | Air Line           | 25 ft.  |
| 18       | 7935000120 | Air Valve          | 1       |
| 19       | 7443000152 | Plug               | 1       |
| 20       | 7443000155 | Elbow              | 1       |
| 21       | 7443000154 | Bushing            | 1       |



## PARTS LIST — HYDRAULIC SCHEMATIC

| Ref. No. | Part No.   | Description                         | Qty. | Ref. No.                                           | Part No.   | Description                        | Qty. |
|----------|------------|-------------------------------------|------|----------------------------------------------------|------------|------------------------------------|------|
| 1        | 4569133020 | Hose, U/L Tilt -A- Valve to Tube    | 1    | 52                                                 | 7445060545 | Elbow 90 #6JIC(M)-#5"O"(M)         | 2    |
| 2        | 4569132019 | Hose, U/L Tilt -B- Valve to Tube    | 1    | 53                                                 | 7445060643 | Adapter Str #6JIC(M)-#8"O"(M)      | 1    |
| 3        | 4569133022 | Hose, U/L Ext -A- Valve to Tube     | 1    | 54                                                 | 7445060645 | Elbow 90 #6JIC(M)-#6"O"(M)         | 7    |
| 4        | 4569132021 | Hose, U/L Ext -B- Valve to Tube     | 1    | 55                                                 | 7445080622 | Union Str #8JIC(M)-#6JIC(M)        | 1    |
| 5        | 4569163029 | Hose, Front Winch -A- Valve to Tube | 1    | 56                                                 | 7445080822 | Union Str #8JIC(M)-#8JIC(M)        | 4    |
| 6        | 4569162029 | Hose, Front Winch -B- Valve to Tube | 1    | 57                                                 | 7445080837 | Tee Union #8JIC(3M)                | 2    |
| 7        | 4569172032 | Hose, Pressure-Tube to Front Valve  | 1    | 58                                                 | 7445080843 | Adapter Str #8JIC(M)-#8"O"(M)      | 4    |
| 8        | 4569133039 | Hose, Return-Tube to Front Valve    | 1    | 59                                                 | 7445100845 | Elbow 90 #10JIC(M)-#8"O"(M)        | 4    |
| 9        | 4569132037 | Hose, R Spade -A- Valve to Tube     | 1    | 60                                                 | 7445101025 | Union Bulkhead #10JIC(M)-#10JIC(M) | 4    |
| 10       | 4569132038 | Hose, L Spade -A- Valve to Tube     | 1    | 61                                                 | 7470000004 | Pressure Gauge                     | 2    |
| 11       | 4569133033 | Hose, L Spade -B- Valve to Tube     | 1    | 62                                                 | 7790060676 | Screw                              | 6    |
| 12       | 4569132036 | Hose, Wk Ext -A- Valve to Tube      | 1    | 63                                                 | **         | Fitting                            | **   |
| 13       | 4569133040 | Hose, Wk Ext -A- Valve to Tube      | 1    | 64                                                 | **         | Fitting                            | **   |
| 14       | 4569132039 | Hose, Wk Ext -B- Valve to Tube      | 1    | 65                                                 | **         | Fitting                            | **   |
| 15       | 4569143042 | Hose, Wk Lift -A- Valve to Tube     | 1    | 66                                                 | **         | Fitting                            | **   |
| 16       | 4569143041 | Hose, Wk Lift -B- Valve to Tube     | 1    | 67                                                 | **         | Fitting                            | **   |
| 17       | 4569163044 | Hose, Rear Winch -A- Valve to Tube  | 1    | 68                                                 | **         | Fitting                            | **   |
| 18       | 4569162044 | Hose, Rear Winch -B- Valve to Tube  | 1    | 69                                                 | **         | Fitting                            | **   |
| 19       | 4569172046 | Hose, Pressure-Tube to Rear Valve   | 1    | ** Consult Factory for Part Numbers and Quantities |            |                                    |      |
| 20       | 4569182045 | Hose, Return-Tube to Rear Valve     | 1    |                                                    |            |                                    |      |
| 21       | 4569133015 | Hose, Spade Tube to Cyl             | 2    |                                                    |            |                                    |      |
| 22       | 4569133017 | Hose, Spade Tube to Cyl             | 2    |                                                    |            |                                    |      |
| 23       | 4569132042 | Hose, U/L Tilt -A- Tube to Tube     | 1    |                                                    |            |                                    |      |
| 24       | 4569133038 | Hose, U/L Tilt -B- Tube to Tube     | 1    |                                                    |            |                                    |      |
| 25       | 7443000105 | Reducer, Tube #6-#4JIC(M)           | 2    |                                                    |            |                                    |      |
| 26       | 7443000109 | Adapter LG Str #6JIC(M)-#6"O"(M)    | 4    |                                                    |            |                                    |      |
| 27       | 4567182012 | Hose, Return Tube to Filter, Rear   | 1    |                                                    |            |                                    |      |
| 28       | 4567182018 | Hose, Return Tube to Filter, Front  | 1    |                                                    |            |                                    |      |
| 29       | 4567160048 | Hose, Winch Tube to Bulkhd          | 4    |                                                    |            |                                    |      |
| 30       | 4567161034 | Hose, Front Winch -B- Bulkhd to V2  | 1    |                                                    |            |                                    |      |
| 31       | 4567161040 | Hose, Front Winch -A- Bulkhd to V1  | 1    |                                                    |            |                                    |      |
| 32       | 4567161057 | Hose, Rear Winch -B- Bulkhd to V1   | 1    |                                                    |            |                                    |      |
| 33       | 4567161063 | Hose, Rear Winch -A- Bulkhd to V2   | 1    |                                                    |            |                                    |      |
| 34       | 4567133048 | Hose, Wk Ext -A- Tube to Cyl        | 2    |                                                    |            |                                    |      |
| 35       | 4567143032 | Hose, Wk Lift -B- Tube to Tee       | 1    |                                                    |            |                                    |      |
| 36       | 4567142031 | Hose, Wk Lift -A- Tube to Tee       | 1    |                                                    |            |                                    |      |
| 37       | 4567142043 | Hose, Wk Lift Tee to Cyl            | 4    |                                                    |            |                                    |      |
| 38       | 4567133062 | Hose, U/L Lift -A- Valve to Cyl     | 1    |                                                    |            |                                    |      |
| 39       | 4567132043 | Hose, U/L Lift -B- Valve to Cyl     | 1    |                                                    |            |                                    |      |
| 40       | 4569132016 | Hose, U/L Tilt -A- Tube to Cyl      | 1    |                                                    |            |                                    |      |
| 41       | 4569132017 | Hose, U/L Tilt -B- Tube to Cyl      | 1    |                                                    |            |                                    |      |
| 42       | 4569132036 | Hose, U/L Ext Tube to Manifold      | 2    |                                                    |            |                                    |      |
| 43       | 7445040421 | Adapter Str #4JIC(M)-#4NPT(F)       | 2    |                                                    |            |                                    |      |
| 44       | 4567170092 | Hose, Pressure Pump to Tube, Rear   | 1    |                                                    |            |                                    |      |
| 45       | 4567170086 | Hose, Pressure Pump to Tube, Front  | 1    |                                                    |            |                                    |      |
| 46       | **         | Suction Line Tank to Pump Rear      | 1    |                                                    |            |                                    |      |
| 47       | **         | Suction Line Tank to Pump Front     | 1    |                                                    |            |                                    |      |
| 48       | 4567112020 | Hose, Pressure Gauge, Rear          | 1    |                                                    |            |                                    |      |
| 49       | 4567112025 | Hose, Pressure Gauge, Front         | 1    |                                                    |            |                                    |      |
| 50       | 7445161620 | Elbow 90 #16JIC X 1.00"NPT(M)       | 1    |                                                    |            |                                    |      |
| 51       | 7445161622 | Union Str #16JIC(M)-#16JIC(M)       | 2    |                                                    |            |                                    |      |

## HYDRAULIC SCHEMATIC

