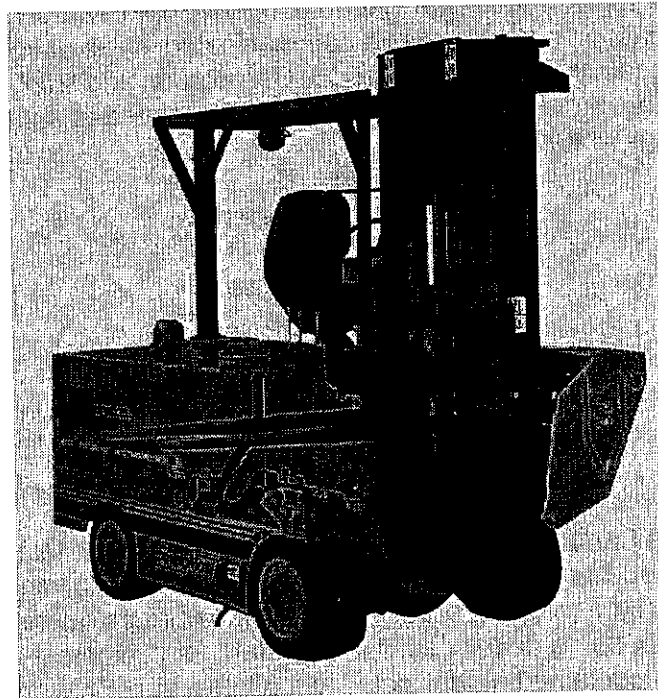




# **SL44/4 Series Base IPB SwingMast® Lift Truck**

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## **Illustrated Parts Breakdown**



**Landoll Corporation**  
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Part Number: 1412595, rev -c, 09/03

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# Service Brake Parts Group, p/n: 15507-E

| Item | Part No. | Qty | Description                                     |
|------|----------|-----|-------------------------------------------------|
| 0    | 1F416E   | 1   | Cotter Pin, 0.13" Diameter x 1.00"              |
| 1    | 10819    | 0   | Brake Support Weldment                          |
| 2    | 20210    | 1   | Cylinder, Master, 3/4" Bore, 1-1/4" Stroke      |
| 3    | 1C652ER  | 2   | Screw, Hex Head, 0.3/8-16 x 3-1/4"              |
| 4    | 4E6E     | 2   | Washer, Lock, 0.375"                            |
| 5    | 61D6ER   | 4   | Nut, Hex Head, Grade 5, 0.375-16                |
| 6    | 10825    | 1   | Rod, Brake, Adjustment                          |
| 7    | 10824    | 1   | Yoke                                            |
| 8    | 51410-1  | 1   | Clevis Pin, 0.438" Diameter x 1.016"            |
| 9    | 14268    | 1   | Pedal, Brake Weldment                           |
| 10   | 27E12ER  | 1   | Washer, Flat, Nominal, 0.750" ID                |
| 11   | 1F316E   | 1   | Pin, Cotter, 3/32" Diameter x 1" Long           |
| 12   | 25022    | 1   | Brake Pedal, with Pad                           |
| 14   | 1C520ER  | 1   | Screw, Hex Head, Grade 5, 0.312-18 x 1.25"      |
| 15   | 4E5E     | 1   | Washer, Lock, 0.312"                            |
| 16   | 61D5ER   | 1   | Nut, Hex Head, Grade 5, 0.312-18                |
| 17   | 25025    | 1   | Seal, Washer                                    |
| 18   | 25028    | 1   | Fitting, Swivel                                 |
| 19   | 25026    | 1   | Seal, Washer                                    |
| 20   | 25024    | 1   | Fitting, Swivel                                 |
| 21   | 25023    | 1   | Brake Switch                                    |
| 23   | 25021    | 1   | Spring, External                                |
| 25   | 83F2     | 2   | Fitting, Elbow, 90° Male, 0.125 NPT to 0.375-24 |
| 26   | 15614    | 1   | Tube Assembly                                   |
| 27   | 10K2     | 1   | Fitting, Tee                                    |
| 28   | 15613    | 1   | Tube Assembly                                   |
| 29   | 15615    | 1   | Tube Assembly                                   |

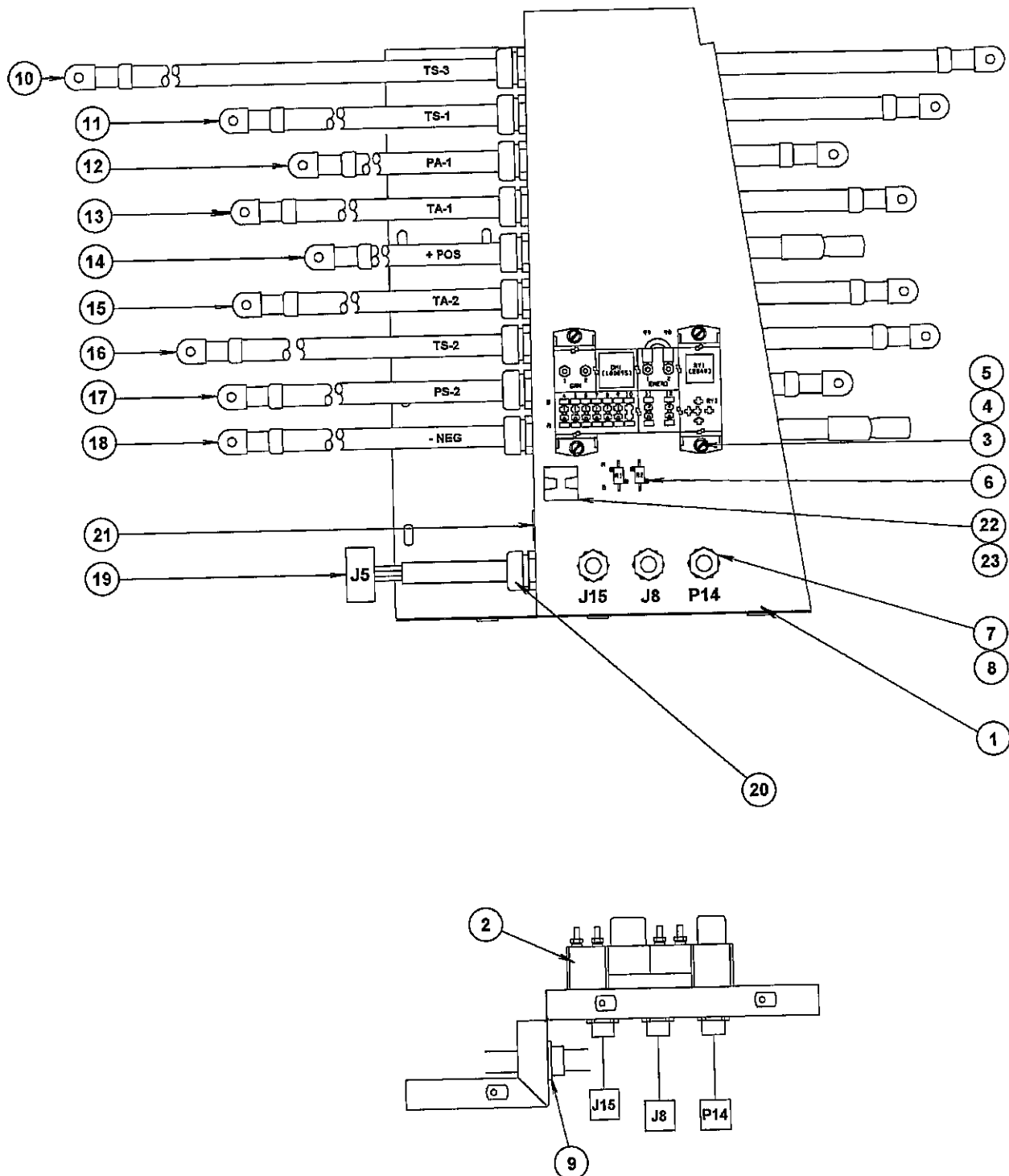
## Drive Axle, p/n: 17133-MS (continued)

| Item | Part No. | Qty. | Description                                        |
|------|----------|------|----------------------------------------------------|
| 34   | 1409677  | 8    | Stud, 3/4-10/-16 x 2.5", Grade 8                   |
| 35   | 20112    | 1    | Housing, Left Hand                                 |
| 35   | 20113    | 1    | Housing, Right Hand                                |
| 36   | 17C616ER | 20   | Screw, Hex Head, Grade 8, 3/8-16 x 1"              |
| 42   | 20291    | 2    | Axle Shaft                                         |
| 43   | 28952    | 2    | Bearing, Ball                                      |
| 44   | 20073    | 2    | Sleeve                                             |
| 45   | 64D10ER  | 16   | Nut, Hex Head, Grade 8, 0.625-18                   |
| 46   | 27E10ER  | 16   | Washer, Flat, Nominal, 0.625" ID                   |
| 47   | 20067    | 8    | Dowel                                              |
| 48   | 28918    | 16   | Stud, 5/8-11 x 2.12" Grade. 8                      |
| 49   | 52828    | 2    | Gasket, Paper, Shim, 0.005"                        |
| 49   | 20070    | 16   | Gasket, Paper, Shim, 0.007"                        |
| 50   | 1412254  | 1    | Screw, Hex Head, Brass, 0.31 2-18 x 0.500"         |
| 51   | 52814    | 1    | Axle Housing                                       |
| 52   | 27886    | 4    | Plug, Square, Socket, 3/4-14 Nptf                  |
| 53   | 1404058  | 1    | Flat Washer, Brass, 0.735" OD x 0.312" ID x 0.065" |
| 54   | 53000    | 1    | Breather                                           |
| 55   | 64D9ER   | 2    | Nut, Hex Head, Grade 8, 0.5625-18                  |
| 56   | 20075    | 2    | Cup                                                |
| 57   | 20074    | 2    | Cone                                               |
| 58   | 52999    | 1    | Nameplate                                          |
| 59   | 20101    | 12   | Rivet                                              |
| 60   | 28976    | 1    | Case, Flanged Half                                 |
| 61   | 1412234  | 1    | Gear Assembly, 4.09:1                              |
| 63   | 20230    | 1    | Differential, No-spin                              |
| 68   | 20105    | 1    | Case, Differential, Plain Half                     |
| 69   | 4E6E     | 38   | Washer, Lock, 0.375"                               |
| 70   | 17C640ER | 8    | Screw, Hex Head, Grade 8, 3/8-16 x 2-1/2"          |
| 71   | 27937    | 1    | Ring Lock                                          |
| 72   | 20096    | 1    | Race Bearing                                       |
| 72   | 52832    | 1    | Bearing Ball                                       |
| 73   | 52830    | 1    | Shim/Gasket, Fiberflex, 0.003"                     |
| 73   | 28937    | 1    | Gasket, Paper, 0.020"                              |

# Steer Axle Assembly, p/n: 14221-05-G

| Item | Part No. | Qty | Description                                            |
|------|----------|-----|--------------------------------------------------------|
| 0    | 11887-03 | 2   | Wheel, Machined with Knott 267-64 Brake                |
| 1    | 14225    | 1   | Axle, Machining                                        |
| 2    | 51142    | 2   | End, Tie Rod, Right Hand                               |
| 3    | 4821-02  | 2   | Nut, Jam, Hex Head, Grade 2, 1.00-16 Unf-2B, Left Hand |
| 4    | 10895    | 2   | Spacer, Tie Rod                                        |
| 5    | 51143    | 2   | End, Tie Rod, Left Hand                                |
| 6    | 10831    | 1   | Bell Crank Weldment                                    |
| 7    | 14224    | 1   | Spindle, Right Hand                                    |
| 8    | 1F624E   | 9   | Pin, Cotter, 3/16" x 1-1/2"                            |
| 9    | 10H25J   | 4   | Fitting, Lube, 1/8-27                                  |
| 10   | 10827    | 1   | Spindle, Left Hand                                     |
| 11   | 25008    | 2   | Bearing, Thrust, Timken                                |
| 12   | 25153    | 6   | Bearing, Needle                                        |
| 13   | 27E16ER  | 5   | Washer, Flat, Nom., 1.00" ID                           |
| 14   | 10894    | 3   | Pin, King                                              |
| 15   | 23937    | 2   | Screw, Set, 1/2-13 x 3/4" Hex Socket, Half Dog Point   |
| 16   | 8537     | 1   | Pin, Cylinder Mounting                                 |
| 18   | 25009    | 2   | Bearing, Thrust, Oilite                                |
| 19   | 15G608ER | 1   | Screw, Set Socket Head, Cup Point, 0.375-16 x 0.500"   |
| 20   | 25010    | 2   | Seal, Oil                                              |
| 21   | 25011    | 2   | Bearing, Cup, Inner                                    |
| 22   | 25012    | 2   | Bearing, Cone, Inner                                   |
| 23   | 25013    | 2   | Outer Cup, Bearing                                     |
| 24   | 25014    | 2   | Bearing, Cone, Outer                                   |
| 25   | 50364    | 2   | Nut, Hex, Slotted, 1-14 Unf                            |
| 26   | 7173     | 2   | Cover, Hub                                             |
| 27   | 86G1006E | 8   | Screw, Pan Head, 10-32 x 3/8"                          |
| 28   | 8532     | 0   | End, Cylinder Rod                                      |
| 29   | 17K6     | 2   | Elbow, 90° 3/4-16                                      |
| 32   | 4821-01  | 2   | Nut, Jam, Hex Head, Grade 2, 1.00-16 Unf-2B            |
| 33   | 28478    | A/R | Grease, Wheel Bearing                                  |
| 34   | 1300633  | 1   | Fitting, Lube                                          |
| 35   | 23993    | A/R | Loctite, Blue, #242                                    |
| 36   | 51919    | A/R | Loctite Red, Stud Lock                                 |

**Figure 8-15: Electrical Panel Assembly, p/n: 1411564-A**



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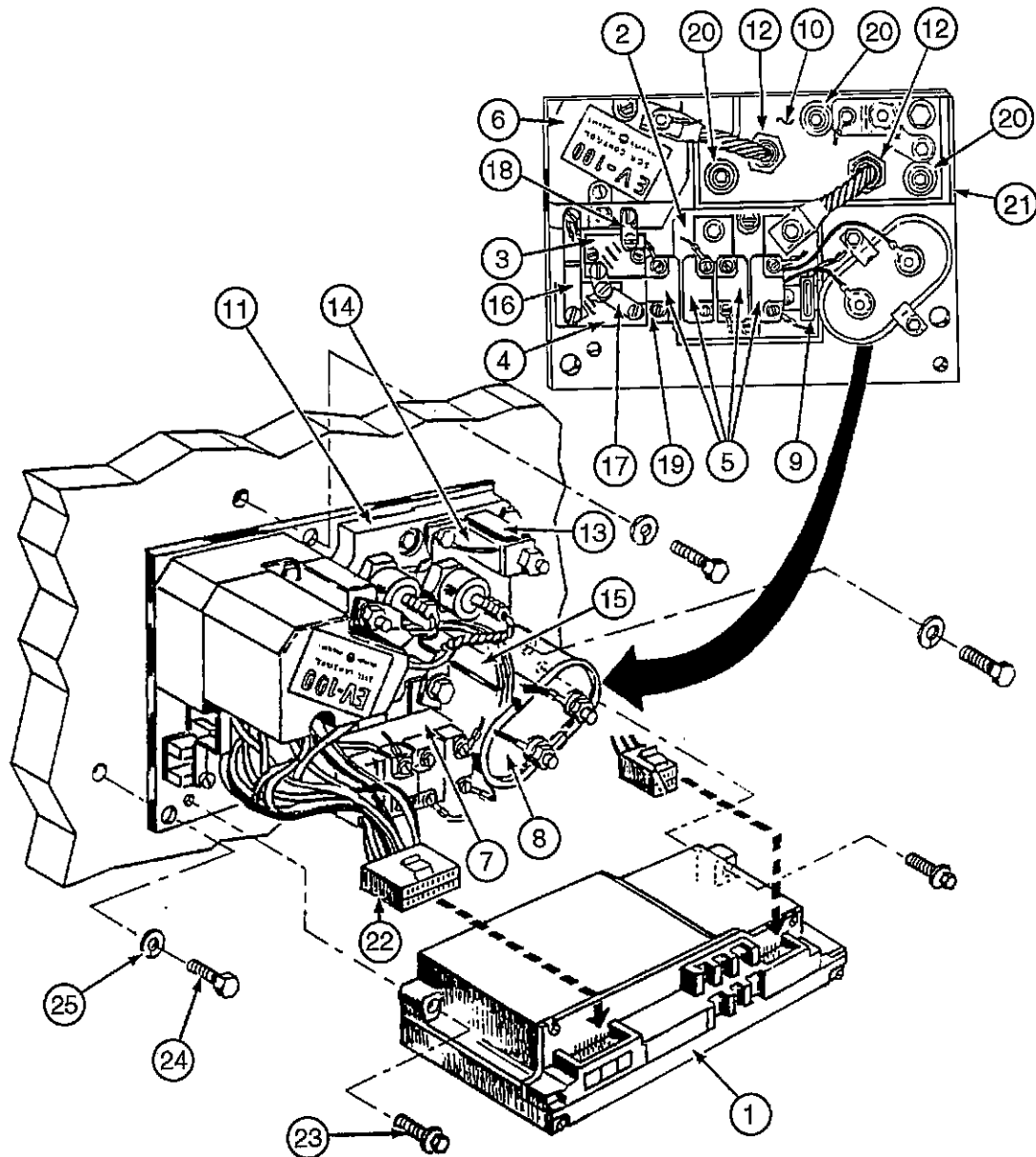
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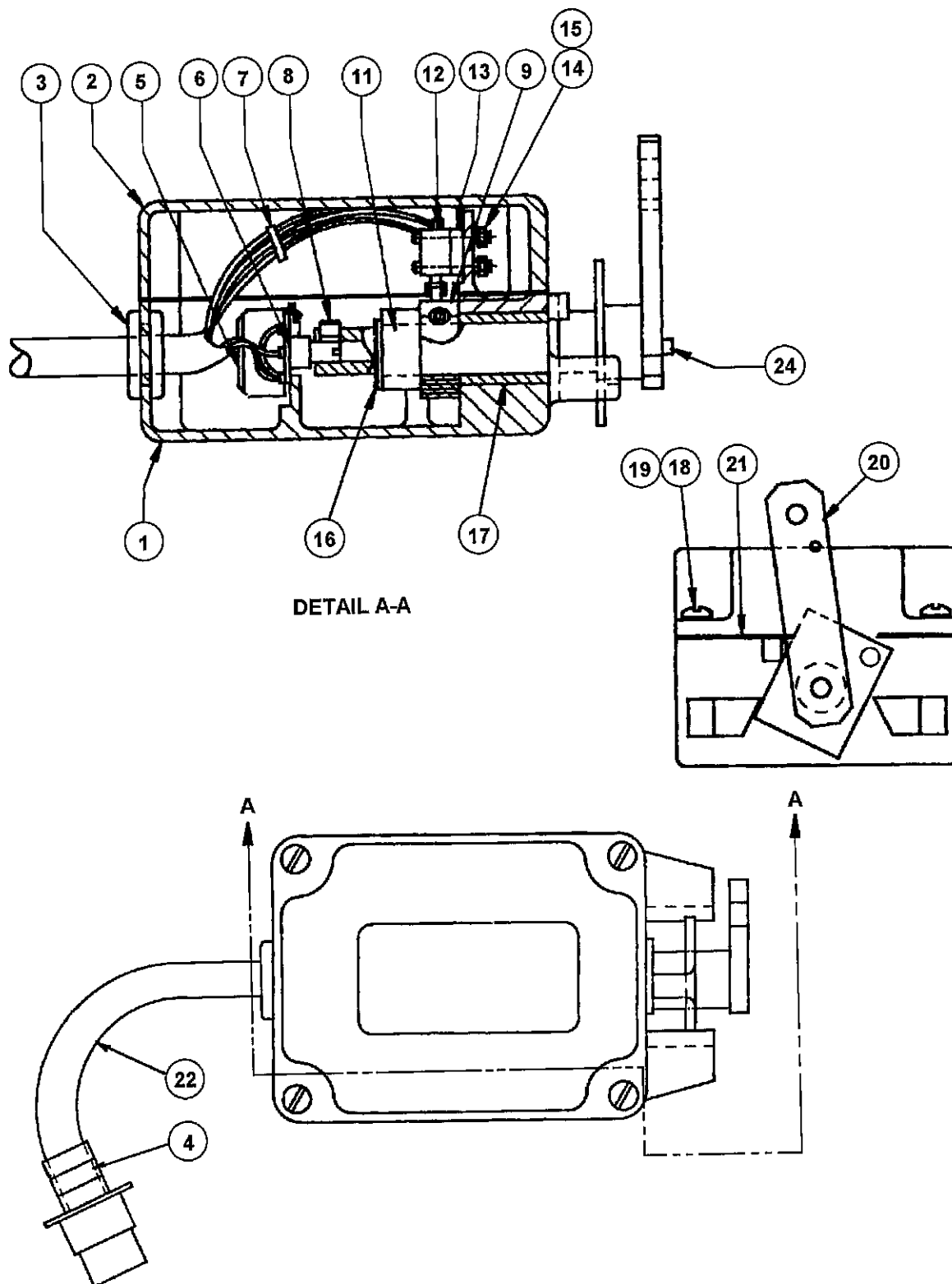
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Figure 8-20: SCR Traction Control Unit, p/n: 51170-C



**Figure 8-25: Accelerator Switch Assembly, p/n: 17070-F**



# Fluids and Grease, p/n: 30760-01-C

| Item    | Part No.     | Qty         | Description                                    |
|---------|--------------|-------------|------------------------------------------------|
| 1 ..... | 2776239....  | 15 gal..... | Oil, Hydraulic, ISO 32, Commercial Trucks Only |
| 2 ..... | 2777708..... | 1 gal.....  | Oil, Gear, SAE 85W-140, per Mil-L-2105C        |
| 3 ..... | 2776234..... | 1 gal.....  | Brake Fluid, Dot#3, per Vv-B-680               |
| 4 ..... | 23906.....   | A/R.....    | Grease, Moly, per Mil-G-21164D                 |
| 5 ..... | 28478.....   | A/R.....    | Grease, Wheel Bearing                          |

**Note:** This is for reference only. No illustration is provided.

## Seat Group, p/n: 1412286-A

| Item     | Part No.     | Qty     | Description                                        |
|----------|--------------|---------|----------------------------------------------------|
| 3 .....  | 17585.....   | 1 ..... | Seat Belt Assembly, Modified                       |
| 27 ..... | 25606.....   | 1 ..... | Seat, Super Suburban Black, with Double Lock Slide |
| 28 ..... | 10985.....   | 1 ..... | Mount, Seat Weldment                               |
| 29 ..... | 1405023..... | 1 ..... | Seat Plate Weldment                                |
| 47 ..... | 10651.....   | 1 ..... | Rod, Seat Retaining                                |
| 48 ..... | 25608.....   | 1 ..... | Ring, Split                                        |
| 49 ..... | 25607.....   | 1 ..... | Pin, Hair, Cotter                                  |
| 77 ..... | 1C620ER..... | 4 ..... | Screw, Hex Head, Grade 5, 0.375-16 x 1.25"         |
| 88 ..... | 27E6ER.....  | 4 ..... | Washer, Flat, Nominal, 0.375" ID                   |
| 91 ..... | 4E6E.....    | 4 ..... | Washer, Lock, 0.375"                               |

**Note:** Refer to the illustration for the Common Parts Group, p/n: 1412401.

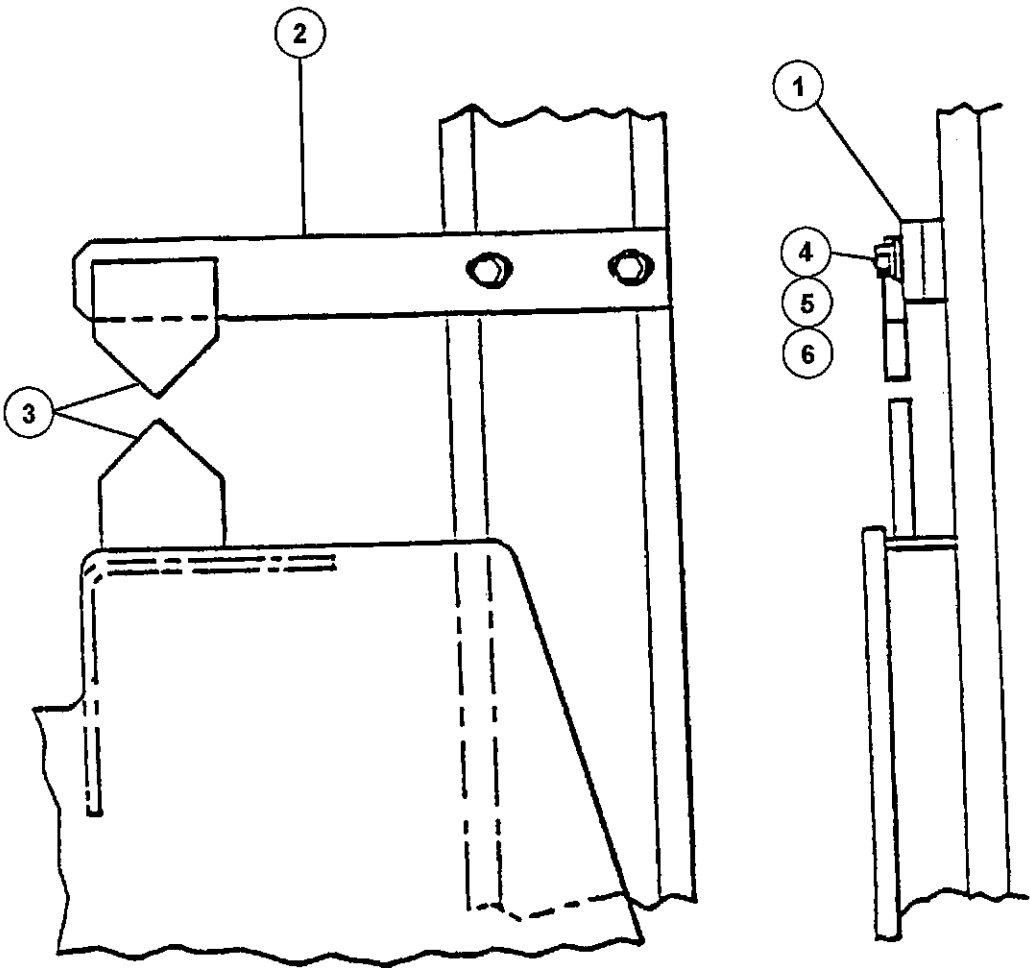
## Common Parts Group, p/n: 1412401-F (continued)

| Item | Part No.    | Qty   | Description                                       |
|------|-------------|-------|---------------------------------------------------|
| 121  | 27E8ER      | 1     | Washer, Flat, Nominal, 0.500" ID                  |
| 122  | 15617       | 1     | Cover                                             |
| 124  | 10715       | 3     | Block, Tapped                                     |
| 125  | 1C428ER     | 1     | Screw, Hex Head 1/4-20 x 1-3/4"                   |
| 127  | 13242       | 2     | Block, Support, Steer Axle                        |
| 128  | 15690       | Pht 1 | Cover Assembly, Pivot Hoses                       |
| 129  | 30365       | 1     | Clamp, Hose                                       |
| 130  | 1415796     | Pht 1 | Horn Assembly                                     |
| 135  | 1C616ER     | 4     | Screw, Hex Head, Grade 5, 0.375-16 x 1.00"        |
| 136  | 1C424ER     | 1     | Screw, Hex Head, 1/4-20 x 1-1/2"                  |
| 139  | 1300633     | 4     | Fitting, Lube, Straight, 1/4-28                   |
| 141  | 88G406E     | 14    | Screw, Pan Head, x-Slot, 4-48 x 3/8"              |
| 142  | 11748-05    | Pht 1 | Door Assembly Group, without Steer Pump and Motor |
| 143  | 17393       | 2     | Chain Anchor Assembly                             |
| 144  | 1408127     | 2     | Clevis Pin, 0.375" Diameter x 1.656"              |
| 145  | 1F312E      | 2     | Pin, Cotter, 3/32" x 3/4"                         |
| 146  | 51919       | A/R   | Loctite Red, Stud Lock                            |
| 147  | 25732       | A/R   | Solvent, Safety                                   |
| 148  | 23993       | A/R   | Loctite, Blue, #242                               |
| 149  | 15580-2     | 1     | Angle                                             |
| 150  | 36560       | Pht 1 | Indicator, Fork Level                             |
| 154  | 11307       | 1     | Stop, Battery Cover                               |
| 160  | MS35206-277 | 14    | Screw, Pan Head                                   |
| 161  | 11129       | 1     | Cover                                             |
| 162  | 86G1008E    | 1     | Screw, Pan Head, #10-32 x 1/2"                    |
| 163  | 25E10E      | 1     | Washer, Flat, #10                                 |
| 164  | 17E10E      | 1     | Washer, Lock, #10                                 |
| 165  | 1406587     | 2     | Flat Washer                                       |
| 200  | 11776       | 2     | Bar Stop                                          |
| 201  | 1F412E      | 3     | Pin, Cotter                                       |
| 202  | 50903-253   | 1     | Plate                                             |
| 203  | 1411958     | Ref 1 | Hydraulic Schematic                               |
| 204  | 1413709     | 1     | Barrier, Insulating                               |

# Fork and Mast Level Indicator, p/n: 36560

| Item    | Part No.     | Qty    | Description                                |
|---------|--------------|--------|--------------------------------------------|
| 1 ..... | 11519-3..... | 1..... | Block, Mounting, Fork Leveler              |
| 2 ..... | 11518-2..... | 1..... | Arm, Indicator, Fork Leveler               |
| 3 ..... | 11517.....   | 2..... | Indicator, Fork Leveler                    |
| 4 ..... | 1C820ER..... | 2..... | Screw, Hex Head, Grade 5, 0.500-13 x 1.25" |
| 5 ..... | 27E8ER.....  | 4..... | Washer, Flat, Nominal, 0.500" ID           |
| 6 ..... | 4E8E.....    | 2..... | Washer, Lock, 0.500"                       |

Figure 8-42: Fork/Mast Level Indicator, p/n: 36560



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