



## Four Wheel Drive Kit

### Groundsmaster 580-D

Model No. 30598—220000001 and Up

## Parts Catalog

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### Ordering Replacement Parts

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

### Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

### Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

### Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

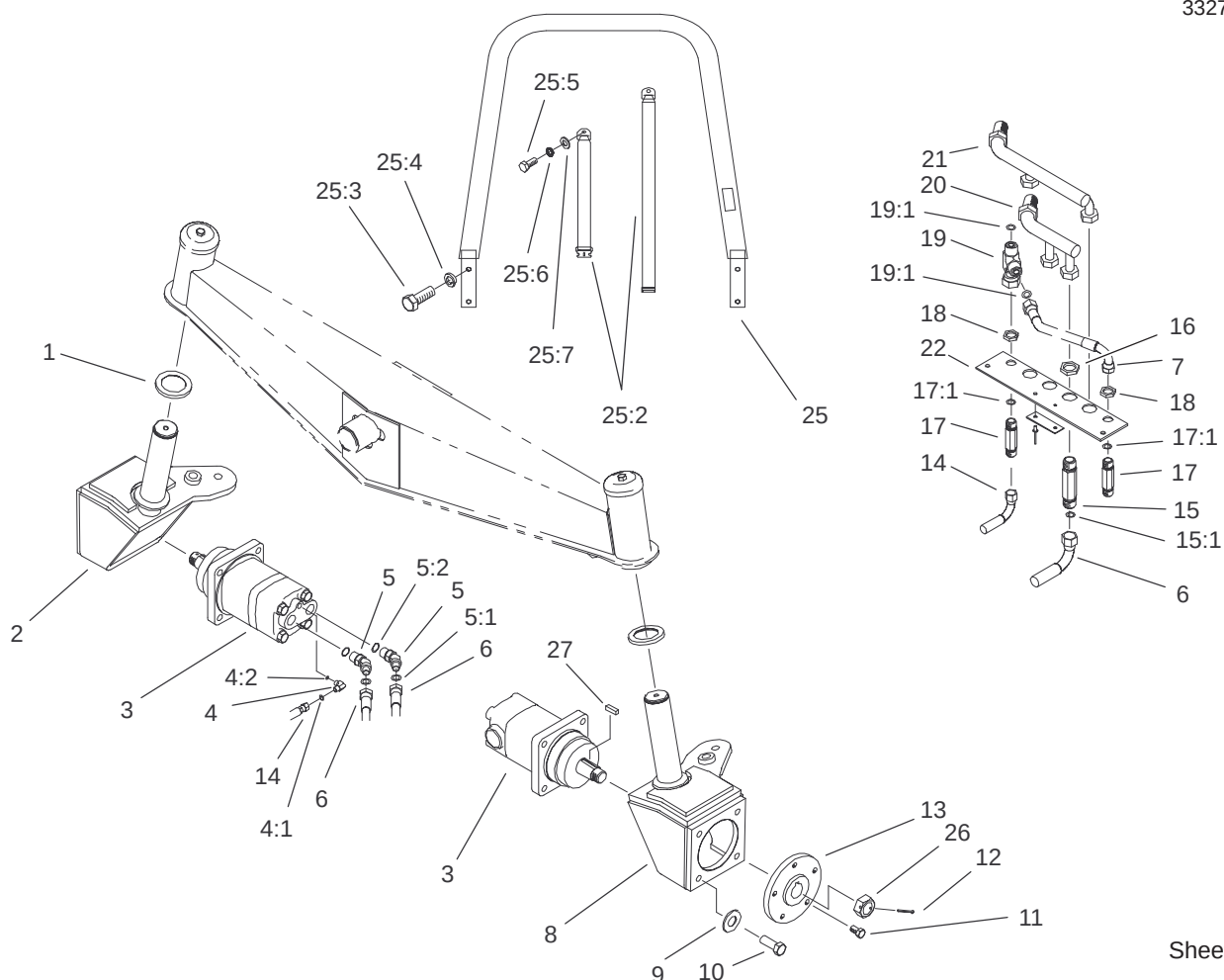
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## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation | Meaning                           | Abbreviation | Meaning                 |
|--------------|-----------------------------------|--------------|-------------------------|
| AR .....     | as required                       | HYD .....    | hydraulic               |
| ASM .....    | assembly                          | INC .....    | incorporated            |
| CARR .....   | carriage                          | LH .....     | left hand               |
| DEG .....    | degrees                           | NI .....     | nylon insert            |
| FH .....     | flat head                         | PPH .....    | Phillips pan head       |
| GA .....     | gauge                             | PTH .....    | Phillips truss head     |
| HF .....     | hex flange                        | PTO .....    | power take off          |
| HH .....     | hex head                          | RH .....     | right hand              |
| HHF .....    | hex head flange                   | SFH .....    | slotted fillister head  |
| HLH .....    | hex lag head                      | SHH .....    | slotted hex head        |
| HJ .....     | hex jam                           | SQH .....    | square head             |
| HOC .....    | height-of-cut                     | SHWH .....   | slotted hex washer head |
| HS .....     | hex socket                        | SPH .....    | slotted pan head        |
| HSBH .....   | hex socket button head            | SRH .....    | slotted round head      |
| HSFH .....   | hex socket flat head              | STD .....    | standard                |
| HSH .....    | hex socket head                   | TAP .....    | self tapping            |
| HWH .....    | hex washer head                   | TTH .....    | Torx truss head         |
| HWHTF .....  | hex washer head<br>thread forming | WH .....     | wing head               |

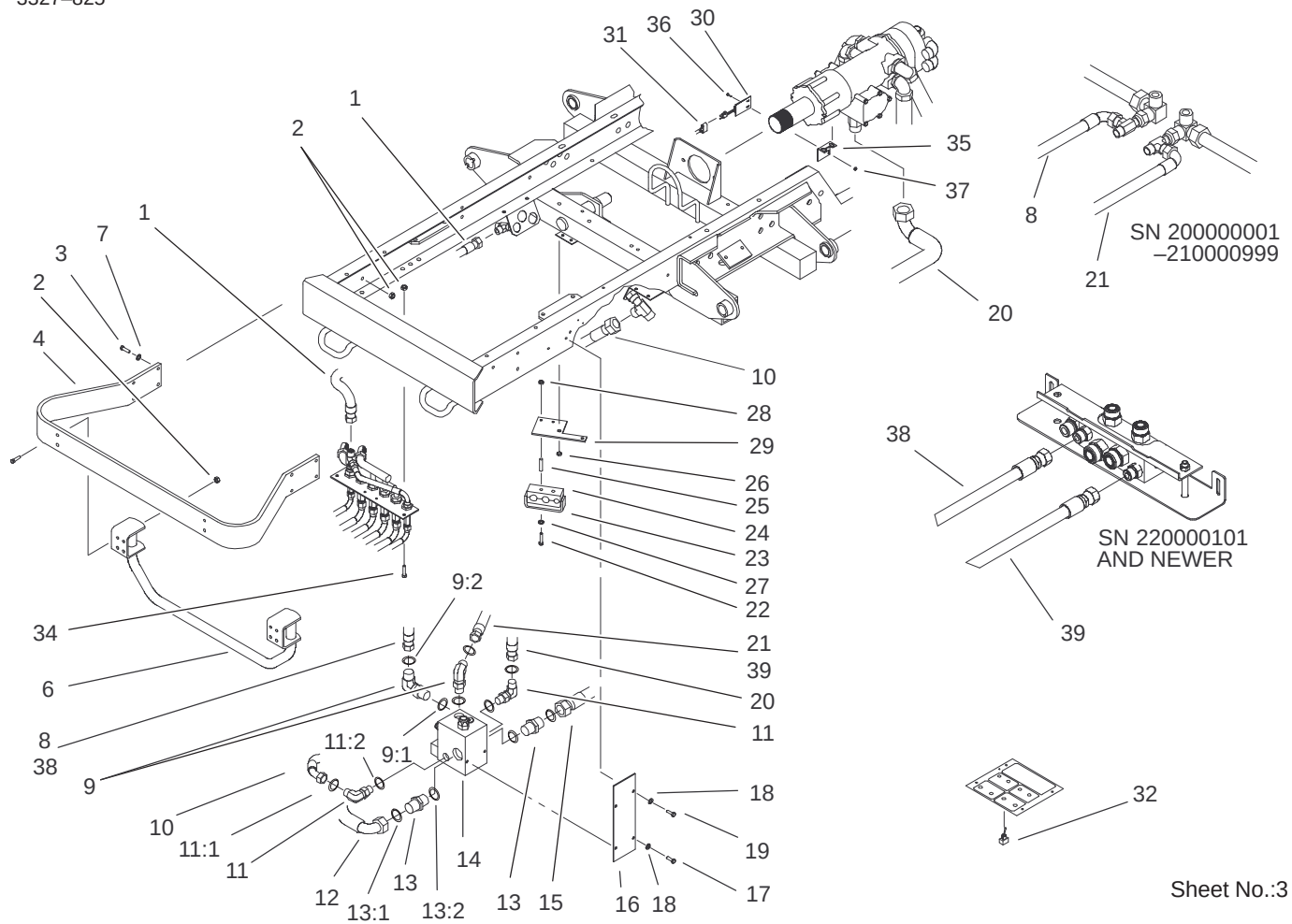


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## Axle Assembly

| Ref. No. | Part No.    | Qty. | Description             | Ref. No. | Part No.    | Qty. | Description      |
|----------|-------------|------|-------------------------|----------|-------------|------|------------------|
| 1        | 100-2508    | 2    | Washer-Thrust           | 18       | 340-70      | 2    | Nut-Lock         |
| 2        | 99-8899-01  | 1    | LH Motor Housing<br>ASM | 19       | 340-115     | 1    | Fitting-Tee      |
| 3        | 100-3908    | 2    | Motor-Hydraulic         | 19:1     | 237-22      | 2    | O-Ring           |
| *3:1     | 100-6167    | 1    | Seal Kit                | 20       | 100-2543    | 1    | Inner Tube ASM   |
| 4        | 340-97      | 2    | Fitting-HYD, 90°        | 21       | 100-2544    | 1    | Outer Tube ASM   |
| 4:1      | 237-22      | 1    | O-Ring                  | 22       | 100-3920-01 | 1    | Bracket-Bulkhead |
| 4:2      | 237-78      | 1    | O-Ring                  | 25       | 104-1265    | 1    | Rops             |
| 5        | 340-14      | 4    | Fitting-HYD, 45°        | 25:2     | 104-1276    | 1    | Belt-Seat        |
| 5:1      | 237-65      | 1    | O-Ring                  | 25:3     | 328-24      | 4    | Screw-HH         |
| 5:2      | 237-80      | 1    | O-Ring                  | 25:4     | 3253-9      | 4    | Washer-Lock/Sp   |
| 6        | 100-3910    | 4    | Hose                    | 25:5     | 3212-4      | 2    | Screw-HH         |
| 7        | 100-3911    | 1    | Hose                    | 25:6     | 3253-6      | 2    | Washer-Lock      |
| 8        | 100-1531-01 | 1    | RH Motor Housing<br>ASM | 25:7     | 3256-25     | 2    | Washer-Flat      |
| 9        | 3253-7      | 8    | Washer-Lock             | 26       | 11-5800     | 2    | Nut-Slotted      |
| 10       | 325-5       | 8    | Screw-HH                | 27       | 11-5790     | 2    | Key              |
| 11       | 83-2720     | 10   | Lug-Bolt                | *28      | 100-8031    | 2    | Decal-4wd        |
| 12       | 3272-13     | 2    | Pin-Cotter              |          |             |      |                  |
| 13       | 100-8008-03 | 2    | Hub-Wheel               |          |             |      |                  |
| 14       | 100-3912    | 2    | Hose                    |          |             |      |                  |
| 15       | 100-8001    | 4    | Fitting-Bulkhead        |          |             |      |                  |
| 15:1     | 237-65      | 2    | O-Ring                  |          |             |      |                  |
| 16       | 340-74      | 4    | Locknut-Bulkhead        |          |             |      |                  |
| 17       | 100-8000    | 2    | Fitting-Bulkhead        |          |             |      |                  |
| 17:1     | 237-22      | 2    | O-Ring                  |          |             |      |                  |

\* Not illustrated



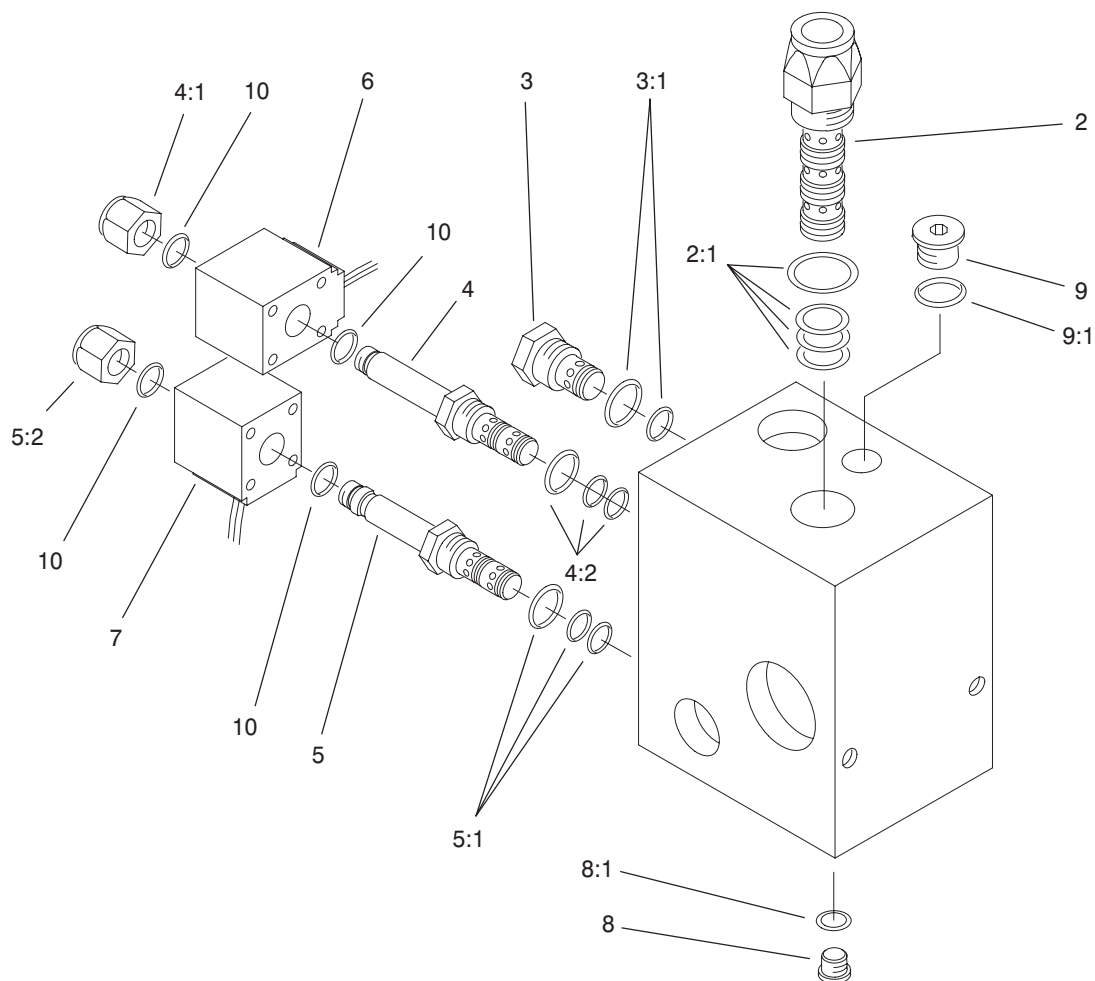
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## Hose Assembly

| Ref. No. | Part No.    | Qty. | Description        |
|----------|-------------|------|--------------------|
| 1        | 100-3915    | 1    | Hose               |
| 2        | 3296-39     | 14   | Nut-Lock, NI       |
| 3        | 323-7       | 12   | Screw-HH           |
| 4        | 100-4166-03 | 1    | Bracket-Bumper     |
| 6        | 92-6050-03  | 1    | Guard ASM          |
| 7        | 3256-24     | 8    | Washer-Flat        |
| 8        | 100-3916    | 1    | HYD Hose ASM       |
| 9        | 340-98      | 2    | Fitting-HYD, 90°   |
| 9:1      | 237-79      | 1    | O-Ring             |
| 9:2      | 237-30      | 1    | O-Ring             |
| 10       | 76-9570     | 1    | Hose ASM           |
| 11       | 340-77      | 2    | Fitting-HYD, 90°   |
| 11:1     | 237-22      | 1    | O-Ring             |
| 11:2     | 237-42      | 1    | O-Ring             |
| 12       | 100-3914    | 1    | Hose               |
| 13       | 340-9       | 2    | Fitting-Straight   |
| 13:1     | 237-58      | 1    | O-Ring             |
| 13:2     | 237-81      | 1    | O-Ring             |
| 14       | 100-3921    | 1    | Block-Control, 4wd |
| 15       | 100-3913    | 1    | Hose               |
| 16       | 100-2546-01 | 1    | Bracket-Block      |
| 17       | 322-2       | 2    | Screw-HH           |
| 18       | 3253-4      | 4    | Washer-Lock        |
| 19       | 32104-32    | 2    | Screw-HH           |
| 20       | 100-3919    | 1    | Hose               |
| 21       | 100-3917    | 1    | Hose               |

| Ref. No. | Part No.    | Qty. | Description    |
|----------|-------------|------|----------------|
| 22       | 321-15      | 2    | Screw-HH       |
| 23       | 94-6772-01  | 1    | Retainer       |
| 24       | 74-2710     | 2    | Clamp-Hose     |
| 25       | 74-2730     | 2    | Tube           |
| 26       | 32128-21    | 2    | Nut-HF         |
| 27       | 3256-22     | 2    | Washer-Flat    |
| 28       | 32128-32    | 2    | Nut-HHF        |
| 29       | 100-2545-01 | 1    | Bracket-Hose   |
| 30       | 100-6175    | 1    | Switch         |
| 31       | 100-8044    | 1    | Harness-Wire   |
| 32       | 100-4198    | 1    | Switch-Toggle  |
| *33      | 3290-379    | 8    | Tie-Cable      |
| 34       | 323-6       | 2    | Screw-HH       |
| 35       | 100-6173-03 | 1    | Bracket-Switch |
| 36       | 32144-1     | 2    | Screw-Taptite  |
| 37       | 32127-11    | 2    | Nut-Lock       |
| 38       | 106-0197    | 1    | HYD Hose ASM   |
| 39       | 106-0198    | 1    | HYD Hose ASM   |

\* Not illustrated



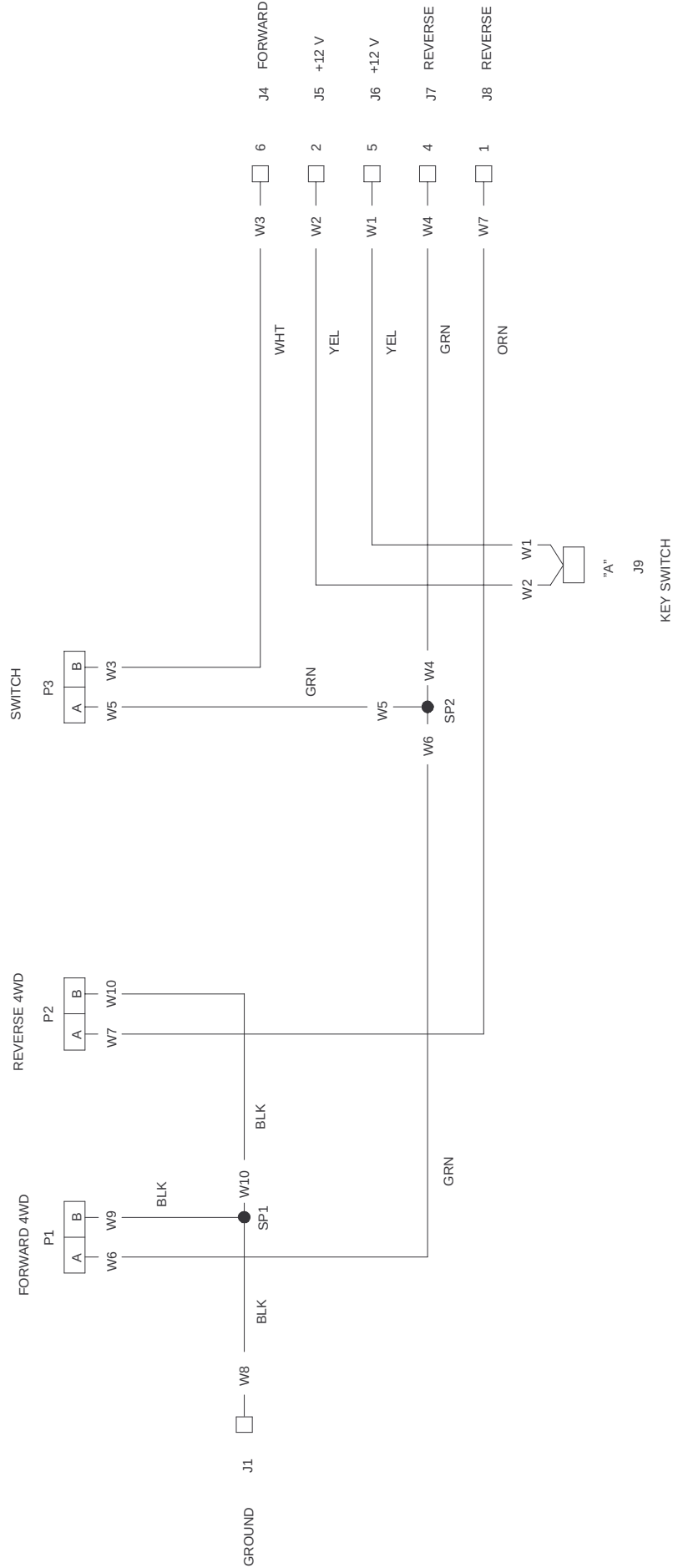
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## 4WD Control Block Assembly No. 100-3921

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 2        | 100-6169 | 1    | Valve-Solenoid   |
| 2:1      | 100-6156 | 1    | Seal Kit         |
| 3        | 95-6014  | 1    | Valve-Check      |
| 3:1      | 75-2080  | 1    | Seal Kit         |
| 4        | 95-5639  | 1    | Valve-Solenoid   |
| 4:1      | 3219-10  | 1    | Nut-Hex          |
| 4:2      | 95-5643  | 1    | Seal Kit         |
| 5        | 95-5638  | 1    | Valve-Solenoid   |
| 5:1      | 95-5917  | 1    | Seal Kit         |
| 5:2      | 3220-4   | 1    | Nut-Jam          |
| 6        | 83-2010  | 1    | Coil-Valve       |
| 7        | 100-3389 | 1    | Coil ASM         |
| 8        | 353-991  | 2    | Plug-Hex, Hollow |
| 8:1      | 237-156  | 1    | O-Ring           |
| 9        | 353-988  | 1    | Plug-Hex, Hollow |
| 9:1      | 237-79   | 1    | O-Ring           |
| 10       | 94-5438  | 4    | Seal-Solenoid    |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

# Electrical Schematic



## Hydraulic Schematic

