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Valve Module

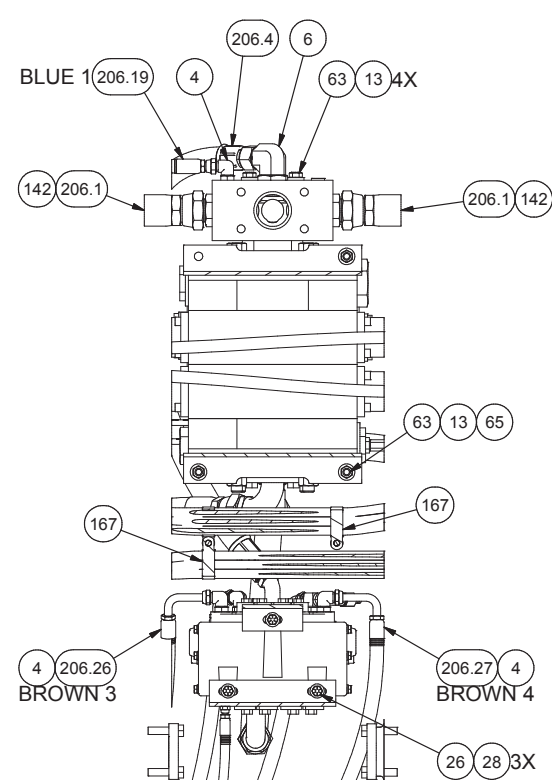
## Valve Module

| Item                                                | Part No.  | Qty | Description              | Item | Part No.  | Qty | Description          |
|-----------------------------------------------------|-----------|-----|--------------------------|------|-----------|-----|----------------------|
| <b>590639 Hydraulic Valves &amp; Mounting Plate</b> |           |     |                          |      |           |     |                      |
| 1                                                   | * 250637  | 1   | . Valve                  | 113  | 211560    | 1   | . Fitting            |
| 2                                                   | * 234990  | 1   | . Valve, Flow Amplifier  | 114  | R13801876 | 4   | . Capscrew           |
| 3                                                   | * 587577  | 2   | . Valve Assembly         | 124  | 203443    | 2   | . O-Ring             |
| 4                                                   | 209488    | 4   | . Fitting                | 125  | 21199     | 2   | . Flow Control Valve |
| 6                                                   | 223783    | 1   | . Fitting                | 128  | 209536    | 4   | . Clamp Half         |
| 8                                                   | 580018    | 1   | . Manifold, Alm          | 129  | 242598    | 42  | . Cable Tie          |
| 9                                                   | 579836    | 1   | . Plate, Mounting        | 130  | 242595    | 42  | . Cable Tie          |
| 11                                                  | 229345    | 1   | . Fitting                | 131  | 242600    | 20  | . Cable Tie          |
| 12                                                  | 220427    | 2   | . Fitting                | 132  | 242599    | 2   | . Cable Tie          |
| 13                                                  | 221771W   | 24  | . Washer                 | 133  | 242596    | 20  | . Cable Tie          |
| 14                                                  | 223784    | 17  | . Fitting                | 134  | 14248     | 1   | . Fitting            |
| 15                                                  | 251373    | 2   | . Fitting                | 136  | 221767W   | 12  | . Hard Washer        |
| 16                                                  | 580019    | 1   | . Plate, Flange          | 138  | 590884    | 2   | . Fitting            |
| 18                                                  | 209423    | 3   | . Fitting                | 139  | 225109    | 2   | . Fitting            |
| 20                                                  | 203519    | 2   | . O-Ring                 | 140  | R14040    | 4   | . Coupler, Male      |
| 23                                                  | 209139    | 1   | . Fitting                | 141  | R13811191 | 10  | . Locknut            |
| 24                                                  | R13811435 | 6   | . Hard Washer            | 142  | 209619    | 2   | . Fitting            |
| 26                                                  | R13811054 | 3   | . Capscrew               | 143  | 522589    | 2   | . Manifold, Alm      |
| 28                                                  | R13811432 | 3   | . Hard Washer            | 144  | 522604    | 2   | . Fitting            |
| 30                                                  | 059-0042  | 6   | . Fitting                | 145  | 248284    | 2   | . Fitting            |
| 33                                                  | R14398    | 4   | . Fitting                | 146  | 19103     | 1   | . Fitting            |
| 42                                                  | 16463W    | 5   | . Fitting                | 147  | 12721     | 2   | . Kit, Split Flange  |
| 46                                                  | 589738    | 1   | . Valve Plate Weldment   |      | 203519    | 1   | . O-Ring             |
| 47                                                  | 221630W   | 2   | . Capscrew               | 148  | R13808116 | 2   | . Clip               |
| 49                                                  | 11759     | 15  | . Kit, Split Flange      | 149  | R13805003 | 1   | . Clip               |
|                                                     | 203443    | 1   | . O-Ring                 | 150  | 253326    | 1   | . Coupler, Male      |
| 56                                                  | 224120W   | 12  | . Capscrew               | 151  | 209700    | 2   | . Clamp              |
| 57                                                  | R13811077 | 6   | . Capscrew               | 152  | R13803047 | 2   | . Clip               |
| 58                                                  | 221763W   | 28  | . Washer                 | 153  | 221497W   | 2   | . Capscrew           |
| 59                                                  | R13811189 | 12  | . Locknut                | 154  | 587669    | 1   | . Plate, Mounting    |
| 63                                                  | R13811089 | 7   | . Capscrew               | 157  | 211551    | 1   | . Fitting            |
| 65                                                  | R13811193 | 9   | . Locknut                | 158  | 210769    | 1   | . Fitting            |
| 66                                                  | 245846    | 2   | . Check Valve            | 159  | 209083    | 1   | . Fitting            |
| 67                                                  | 588445    | 1   | . Plate, Mounting        | 160  | 235387    | 1   | . Fitting            |
| 70                                                  | 11740     | 6   | . Kit, Split Flange      | 161  | R13803044 | 2   | . Clip               |
|                                                     | 203446    | 1   | . O-Ring                 | 162  | 242594    | 30  | . Cable Tie          |
| 71                                                  | Y73G-0620 | 8   | . Capscrew               | 163  | 229383    | 0   | . Fitting            |
| 73                                                  | 11767     | 10  | . Kit, Split Flange      | 164  | 223929    | 4   | . Fitting            |
|                                                     | 203516    | 1   | . O-Ring                 | 165  | 236825    | 7   | . Fitting            |
| 74                                                  | R13801972 | 1   | . Fitting                | 166  | 14274     | 1   | . Fitting            |
| 78                                                  | 221140    | 1   | . Fitting                | 167  | 227398    | 9   | . Clamp              |
| 82                                                  | 224780    | 2   | . Fitting                |      |           |     |                      |
| 87                                                  | 527371    | 1   | . Manifold, Alm          |      |           |     |                      |
| 88                                                  | 203516    | 1   | . O-Ring                 |      |           |     |                      |
| 90                                                  | 231908    | 1   | . Fitting                |      |           |     |                      |
| 92                                                  | 212762    | 1   | . Fitting                |      |           |     |                      |
| 99                                                  | 570442    | 1   | . Clamp/Channel Weldment |      |           |     |                      |
| 100                                                 | 203446    | 2   | . O-Ring                 |      |           |     |                      |
| 101                                                 | 231248    | 12  | . Clamp                  |      |           |     |                      |
| 102                                                 | 243421    | 8   | . Capscrew               |      |           |     |                      |
| 103                                                 | 227384    | 4   | . Fitting                |      |           |     |                      |
| 106                                                 | * 581058  | 1   | . Manifold Assembly      |      |           |     |                      |
| 107                                                 | R13810989 | 4   | . Capscrew               |      |           |     |                      |
| 108                                                 | * 590976  | 1   | . Junction Box Assembly  |      |           |     |                      |
| 109                                                 | R13811020 | 3   | . Capscrew               |      |           |     |                      |
| 110                                                 | R13802914 | 3   | . Hard Washer            |      |           |     |                      |

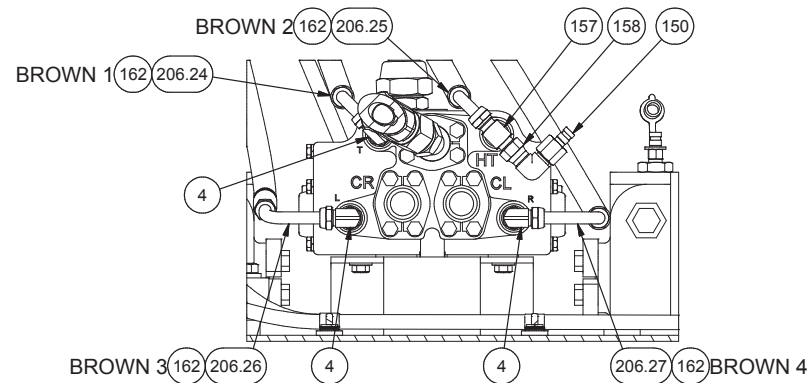
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|        |           |   |                 |
|--------|-----------|---|-----------------|
| 206    | 591048    | 1 | . Kit, Hose     |
| 206.1  | 230757    | 2 | ..Hose Assembly |
| 206.2  | 589452    | 1 | ..Hose Assembly |
| 206.3  | 240720    | 1 | ..Hose Assembly |
| 206.4  | 591330    | 1 | ..Hose Assembly |
| 206.5  | 591324    | 1 | ..Hose Assembly |
| 206.6  | 253713    | 1 | ..Hose Assembly |
| 206.7  | 238226    | 1 | ..Hose Assembly |
| 206.8  | 589547    | 1 | ..Hose Assembly |
| 206.9  | 238226    | 1 | ..Hose Assembly |
| 206.10 | 227475    | 1 | ..Hose Assembly |
| 206.11 | 238226    | 1 | ..Hose Assembly |
| 206.12 | 233717    | 1 | ..Hose Assembly |
| 206.13 | 233138    | 1 | ..Hose Assembly |
| 206.14 | 243381    | 1 | ..Hose Assembly |
| 206.15 | 243381    | 1 | ..Hose Assembly |
| 206.16 | 226750    | 1 | ..Hose Assembly |
| 206.17 | 225084    | 1 | ..Hose Assembly |
| 206.18 | 233834    | 1 | ..Hose Assembly |
| 206.19 | 255439    | 1 | ..Hose Assembly |
| 206.20 | 591567    | 1 | ..Hose Assembly |
| 206.21 | 591568    | 2 | ..Hose Assembly |
| 206.22 | 591568    | 2 | ..Hose Assembly |
| 206.23 | 591567    | 2 | ..Hose Assembly |
| 206.24 | 245997    | 2 | ..Hose Assembly |
| 206.25 | 591569    | 1 | ..Hose Assembly |
| 206.26 | R12579838 | 1 | ..Hose Assembly |
| 206.27 | 591570    | 1 | ..Hose Assembly |
| 206.28 | 229554    | 1 | ..Hose Assembly |
| 206.29 | 227475    | 1 | ..Hose Assembly |
| 206.30 | 227475    | 1 | ..Hose Assembly |
| 206.31 | 233136    | 1 | ..Hose Assembly |
| 206.32 | 233136    | 1 | ..Hose Assembly |
| 206.33 | 591571    | 1 | ..Hose Assembly |
| 206.34 | 591571    | 1 | ..Hose Assembly |
| 206.35 | 591571    | 1 | ..Hose Assembly |
| 206.36 | 591571    | 1 | ..Hose Assembly |
| 206.37 | 591571    | 1 | ..Hose Assembly |
| 206.38 | 591572    | 1 | ..Hose Assembly |

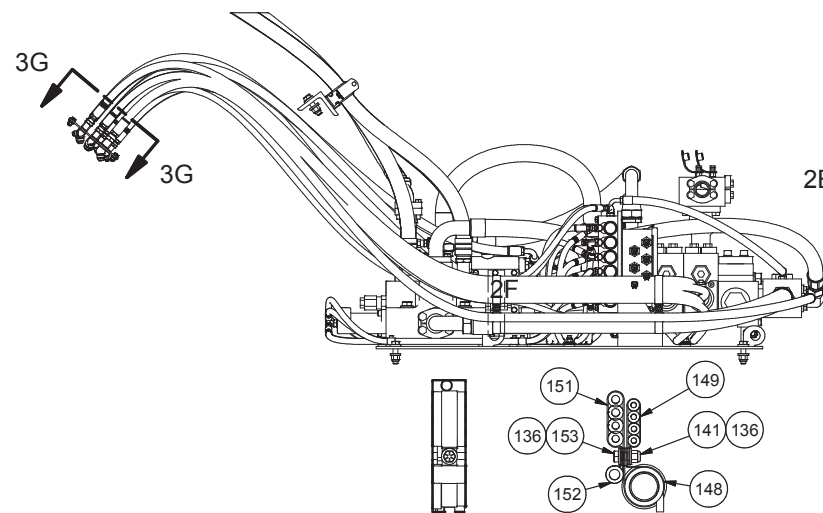
\* See Separate Coverage



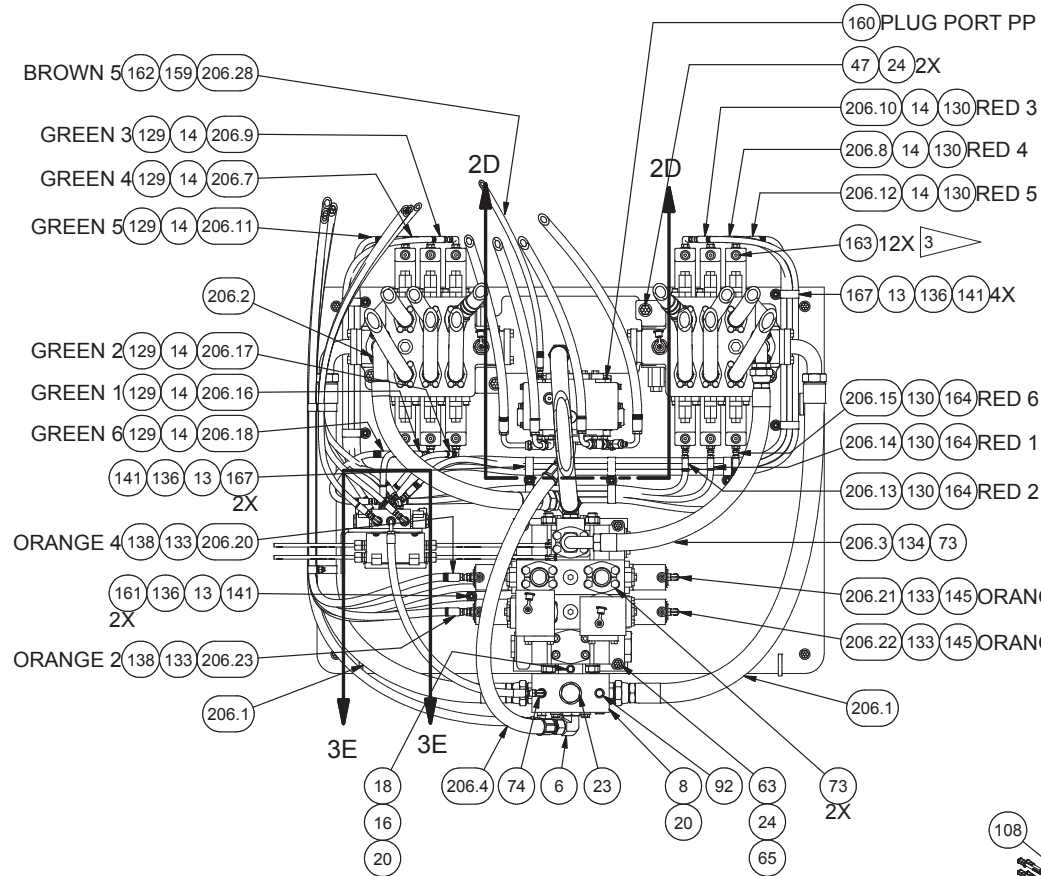
**SECTION 2A-2A**



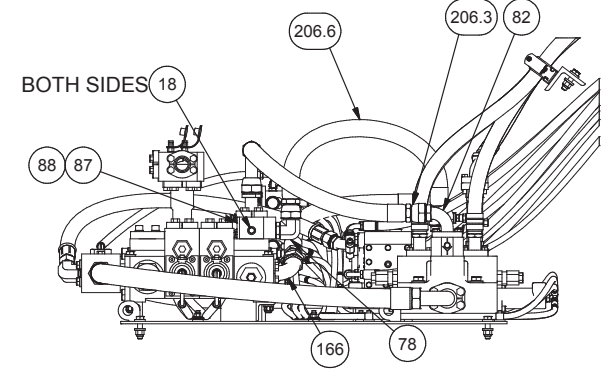
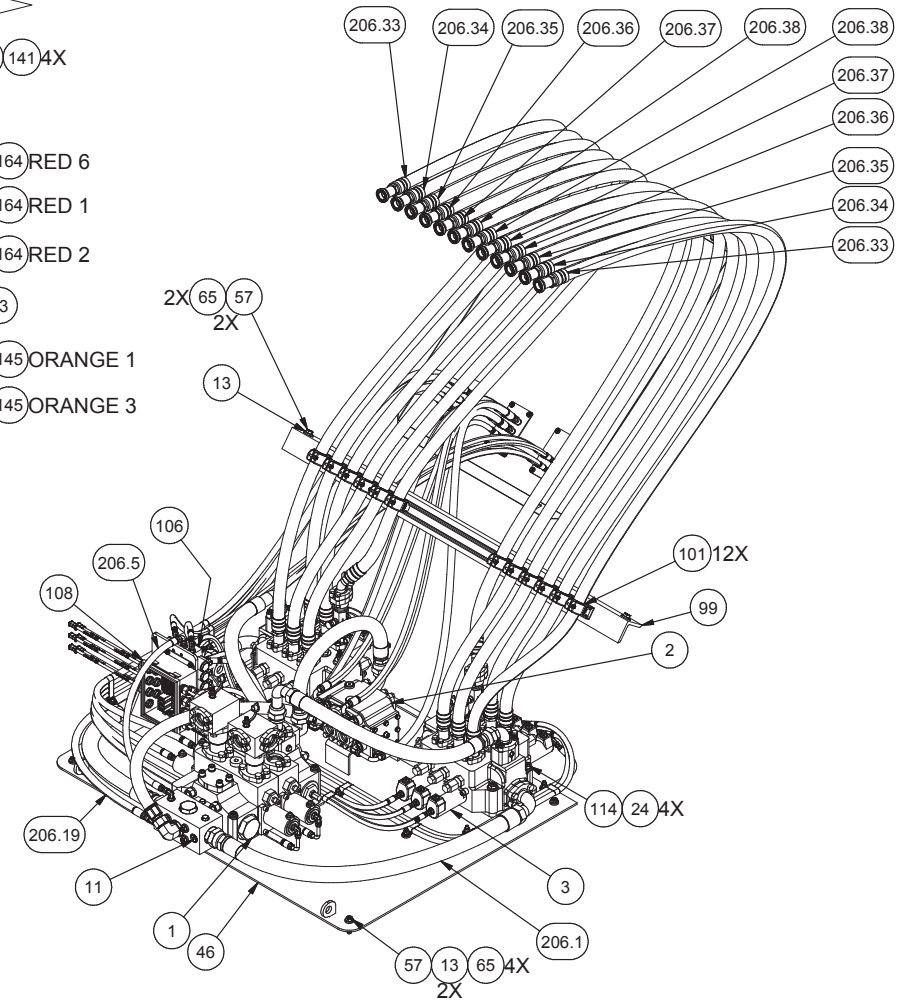
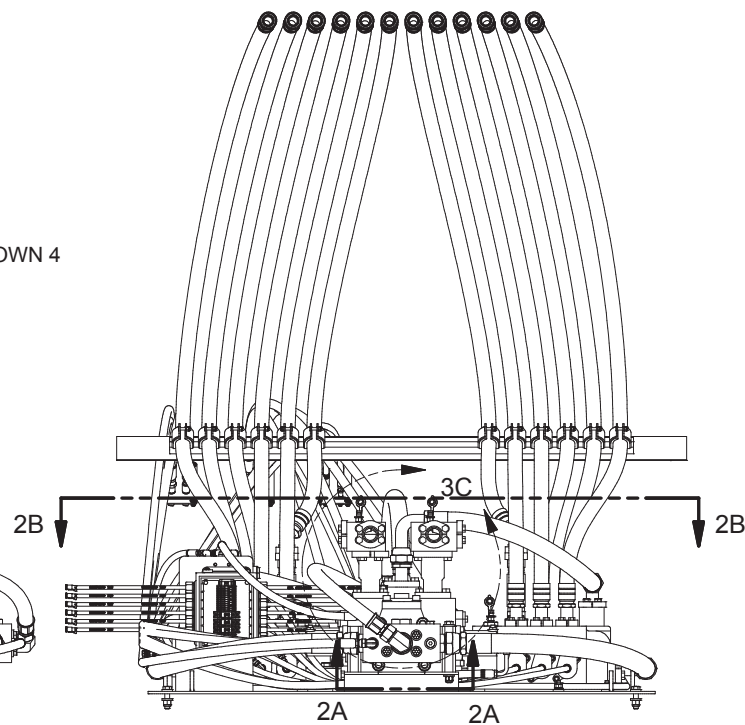
**SECTION 2D-2D**



**DETAIL 2F**  
FLATTEN CLAMPS AS SHOWN

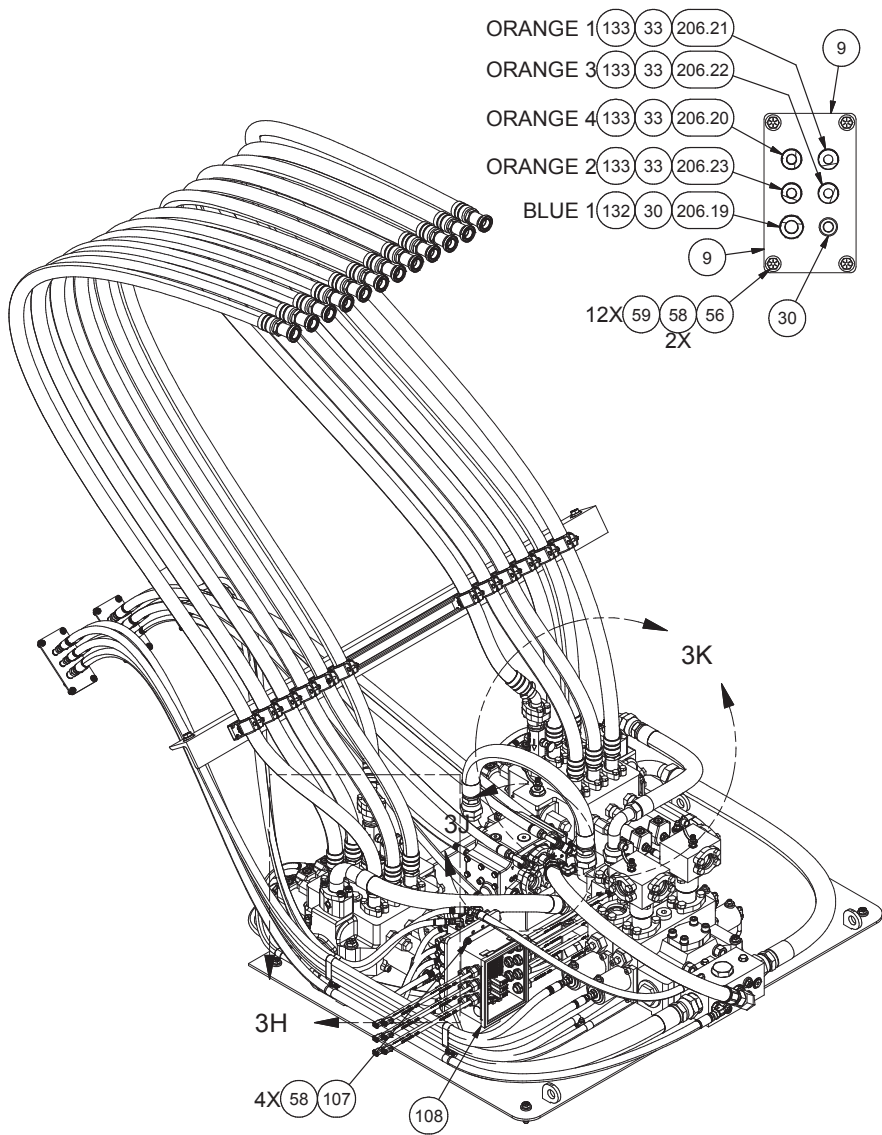


**SECTION 2B-2B**



**NOTES:**

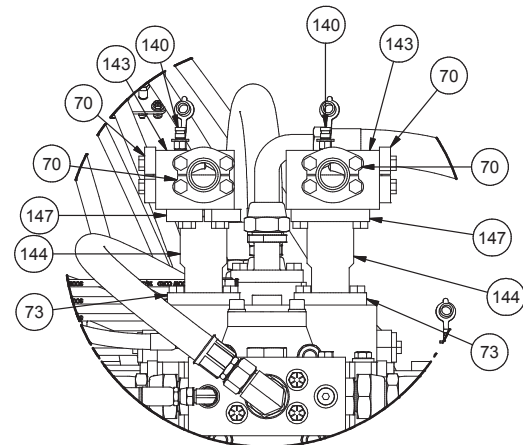
- 1. ITEMS 129 THRU 133 ARE SHOWN. CABLE TIES ARE TO BE PLACED ON EACH HOSE END AS ID MARKERS. EXAMPLE RED 1 WILL REQUIRE TWO RED CABLE TIES, ONE ON EACH HOSE END OF THE HOSE ASSEMBLY.
- 2. PRESSURE CHECK IS TO BE PLACED ON BOTH VALVES PRESSURE PORTS. REMOVE FACTORY SUPPLIED PLUG AND INSTALL PRESSURE CHECK.
- 3. \* ITEM 136 IS TAKEN FROM VALVE 587577. RELOCATE PLUGS FROM SIDE OF PILOT END CAPS TO TOP.



- ORANGE 1 (133, 33, 206.21)
- ORANGE 3 (133, 33, 206.22)
- ORANGE 4 (133, 33, 206.20)
- ORANGE 2 (133, 33, 206.23)
- BLUE 1 (132, 30, 206.19)
- 12X (59, 58, 56) 2X (30)

- (206.25, 30, 162) BROWN 2
- (206.24, 30, 162) BROWN 1
- (206.31, 131, 42) PURPLE 3
- (206.29, 131, 42) PURPLE 1
- (206.30, 131, 42) PURPLE 2
- (206.32, 131, 42) PURPLE 4
- (206.27, 30, 162) BROWN 4
- (206.28, 42, 162) BROWN 5
- (206.26, 30, 162) BROWN 3

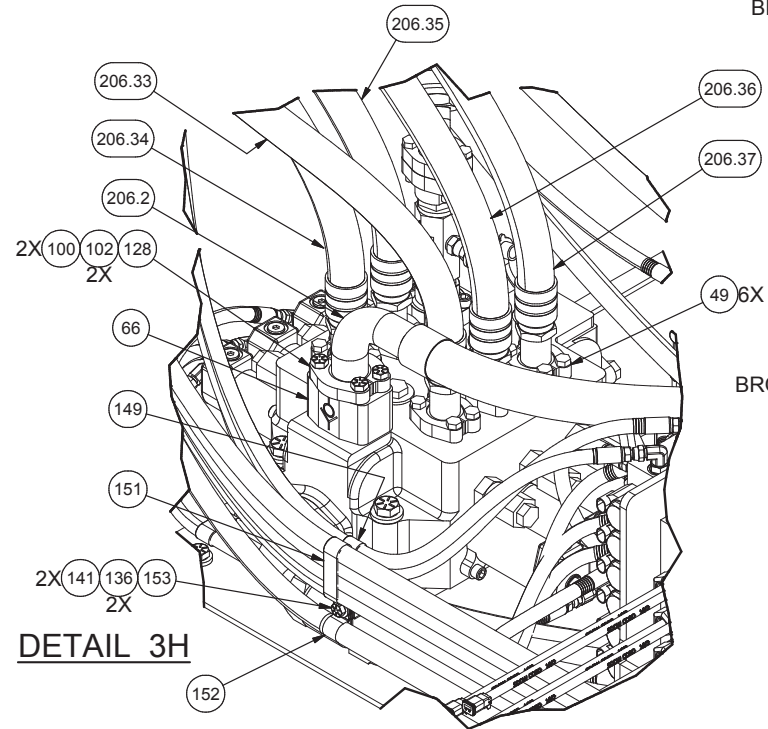
**SECTION 3G-3G**



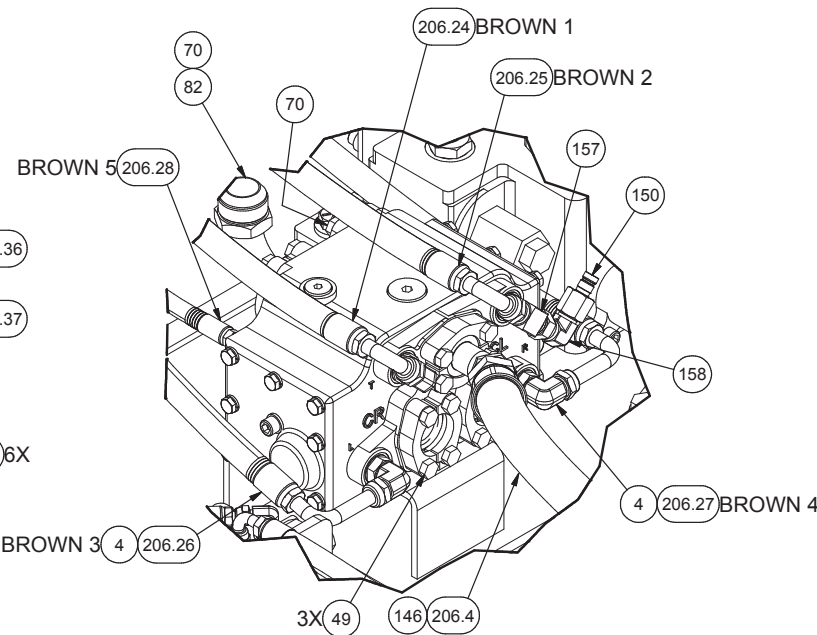
**DETAIL 3C**

- PURPLE 4 (131, 14, 206.32)
- 3X (109, 110, 106)
- GREEN 4 (165, 129, 206.7)
- RED 4 (165, 130, 206.8)
- GREEN 3 (165, 129, 206.9)
- GREEN 5 (165, 129, 206.11)
- RED 5 (165, 130, 206.12)
- RED 3 (165, 130, 206.10)
- PURPLE 3 (131, 14, 206.31)
- (206.5, 113)
- (206.29, 14, 131) PURPLE 1
- (206.16, 129, 164) GREEN 1
- (206.14, 14, 130) RED 1
- (206.17, 129, 165) GREEN 2
- (206.18, 14, 129) GREEN 6
- (206.15, 14, 130) RED 6
- (206.13, 14, 130) RED 2
- (206.30, 14, 131) PURPLE 2

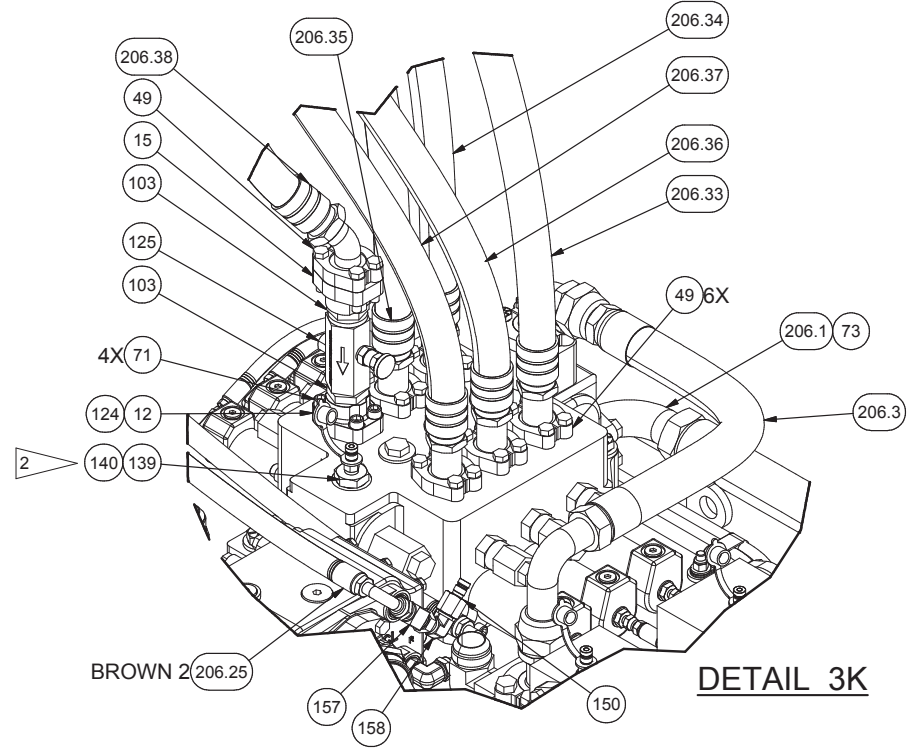
**SECTION 3E-3E**



**DETAIL 3H**



**DETAIL 3J**  
PARTS REMOVED FOR CLARITY



**DETAIL 3K**