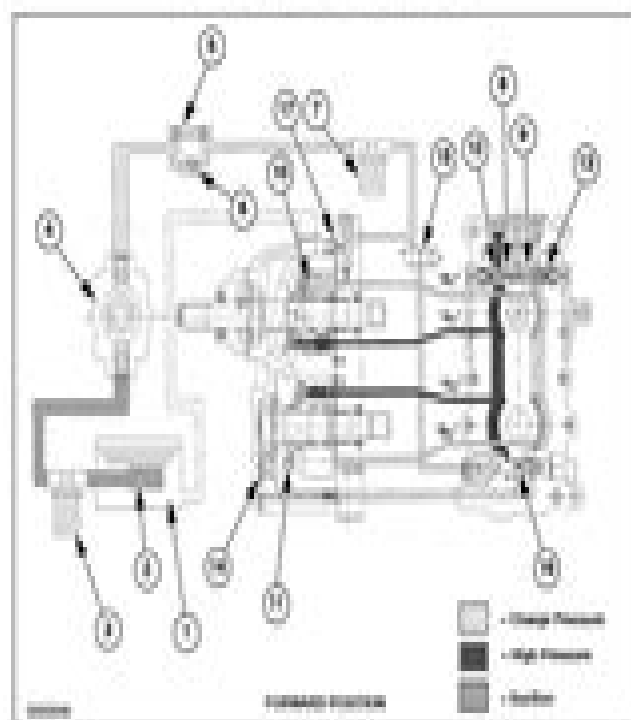


SECTION 22. HYDRAULIC TRANSMISSION



1. Reservoir
2. Relief valve
3. Hydraulic filter
4. Charge pump
5. Relief valve
6. Check valve
7. Check valve
8. Check valve

9. Hydraulic pump
10. Hydraulic valve
11. Forward high pressure relief valve
12. Reverse high pressure relief valve
13. Hydraulic motor
14. Reverse check valve
15. Hydraulic valve
16. Hydraulic valve
17. Charge pump relief valve

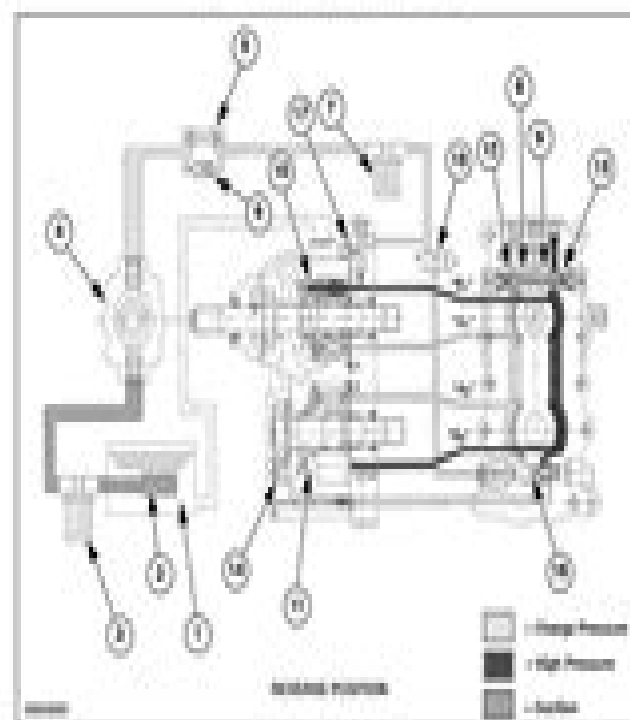
Oil, Fluid - FORWARD POSITION

When the hydraulic pump/pump, 1, is running and the reverse pedal is depressed, moving the pump can cause fluid to flow, at flow from the pump pump, through passage 4. Pump pressure in the back of the check valve 6 causes the check valve and pressure increases in passage 17. At flow from passage 17 flow to the hydraulic motor, 13, through passage 12 causing the motor to rotate and move the actuator. When the forward pedal is depressed further the increased of flow causes the motor faster increasing wheel speed. Fluid in

passage 17 flow back to the hydraulic pump, 1, through passage 11 to complete the cycle. When fluid leakage in the system causes a drop in pressure on the relief passage 11, below 6.4 - 8.1 bar (92-118 PSI) check valve, 6, opens and pressure increase of fluid from the charge pump is released the relief to the pressure side of the line. Ensure that the charge pump is returned to the pump via the charge pump relief valve, 17.

The high pressure relief valve, 11, protects the motor, 13, opening when pressure is above 6.4 bar (92-118 PSI).

SECTION 23. HYDRAULIC TRANSMISSION



1. Reservoir
2. Relief valve
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10. Hydraulic valve
11. Reverse high pressure relief valve
12. Forward high pressure relief valve
13. Hydraulic motor
14. Reverse check valve
15. Hydraulic valve
16. Hydraulic valve
17. Charge pump relief valve

Oil, Fluid - REVERSE POSITION

When the hydraulic pump/pump, 1, is running and the reverse pedal is depressed, moving the pump can cause fluid to flow, at flow from the pump pump, through passage 4. Pump pressure in the back of the check valve 6 causes the check valve and pressure increases in passage 17. At flow from passage 17 flow to the hydraulic motor, 13, through passage 12 causing the motor to rotate and move the actuator. When the reverse pedal is depressed further the increased of flow causes the motor faster increasing wheel speed.

When passage 17 flow back to the hydraulic pump, 1, through passage 11 to complete the cycle. When fluid leakage in the system causes a drop in pressure on the relief passage 11, below 6.4 - 8.1 bar (92-118 PSI) check valve, 6, opens and pressure increase of fluid from the charge pump is released the relief to the pressure side of the line. Ensure that the charge pump is returned to the pump via the charge pump relief valve, 17.

The high pressure relief valve, 11, protects the motor, 13, opening when pressure is above 6.4 bar (92-118 PSI).

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