

## Releasing Park Brake to Tow the Machine

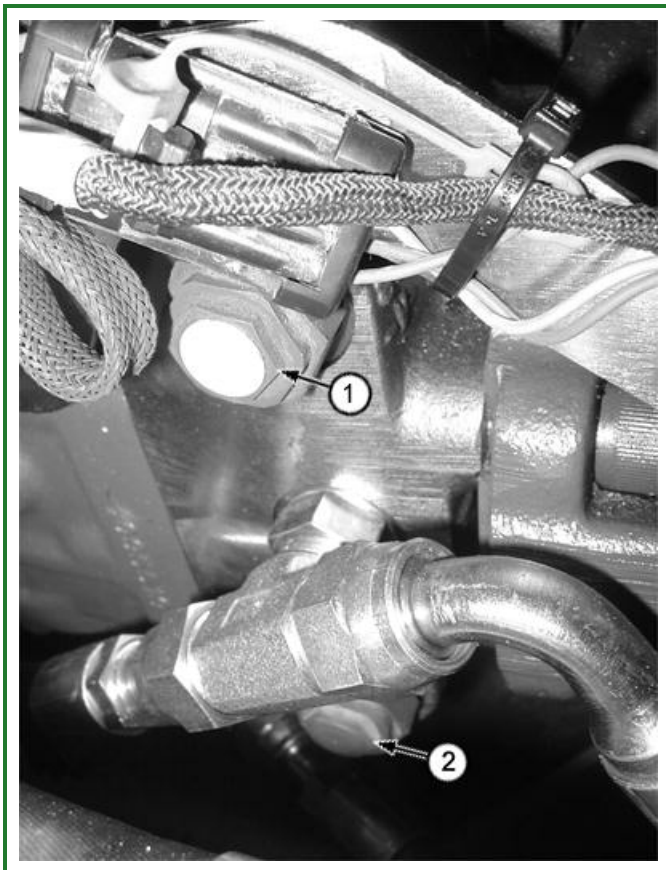
### -: Specifications

SPECIFICATIONS	
Brake Circuit Release Pressure	1379—2758 kPa 13.79—27.58 bar 200—400 psi
Multi-Function Valve Lock Nut Torque	79 N.m 58 lb-ft

### -: Service Equipment and Tools

SERVICE EQUIPMENT AND TOOLS
AM102420 Male Quick Coupler
Porta-Power Pump With Gauge
1 3/8 in. Socket

This procedure is used to release the park brakes for towing the machine.



#### T158857C-UN: Multi-Function Valves

##### LEGEND:

- 1 - Forward Multi-Function Valve
- 2 - Reverse Multi-Function Valve

### **⚠ CAUTION:**

*Prevent possible injury from unexpected machine movement. Place blocks at front and*

**Prevent possible injury from unexpected machine movement. Place blocks at front and rear of tracks and secure machine to prevent it from rolling.**

**Do not allow an operator on the machine being towed unless the operator can control the steering and brakes.**

1. Remove rubber mat and floor plate from operator's station.

2. **NOTE:**

*Multi-Function valves can be turned out using a 1 3/8 in. socket and a flexible head ratchet. Engine does not have to be running to tow machine.*

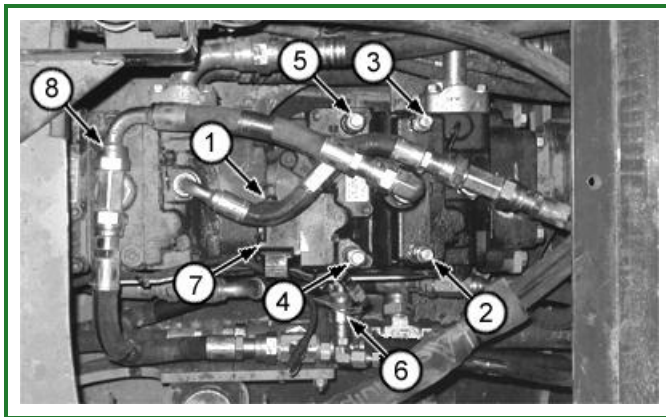
**IMPORTANT:**

The lower multi-function valves are in the reverse side of the closed loop circuit and must be loosened to tow the machine in forward. Likewise, the upper multi-function valves are in the forward side of the closed loop circuit and must be loosened to tow the machine in reverse.

**TO TOW MACHINE FORWARD** both front and rear pump reverse multi-function relief valves (1) **MUST** be turned out (counterclockwise) 1/2 to 1 turn and blade must be raised off the ground. (If engine will crank but will not start, blade can be raised by cranking engine while holding blade raise function on control valve.)

**TO TOW MACHINE IN REVERSE** both front and rear pump forward multi-function valves (2) **MUST** be turned out (counterclockwise) 1/2 to 1 turn.

- 3.



**T198205A-UN: Top View of Front pump Shown**

**LEGEND:**

- 1 - Pressure Control Pilot (PCP) Internal Adjustment Port
- 2 - Reverse Servo Test Port
- 3 - Forward Servo Test Port
- 4 - Reverse Pump Displacement Control Valve (PDCV) Test Port
- 5 - Forward Pump Displacement Control Valve (PDCV) Test Port
- 6 - Park Brake Release Hose Quick Coupler
- 7 - Pressure Control Pilot (PCP) Manual Override Lever
- 8 - Drain Line To Rear Pump

Disconnect brake hose quick coupler (6) from pump.

4. **NOTE:**