

# INSTALLATION INSTRUCTIONS

**DRUM MULCHER**

## **LOW PRESSURE HOSE & CHECK VALVE**

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DOC #15-2077

SERIAL #32678-

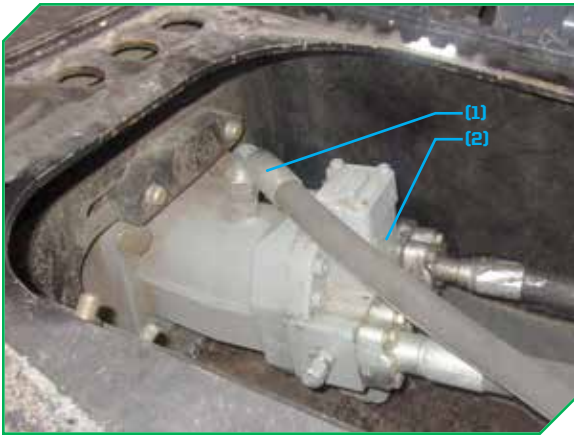
**WARRANTY + SERVICE** 888.960.0364

**PARTS** 888.960.0361



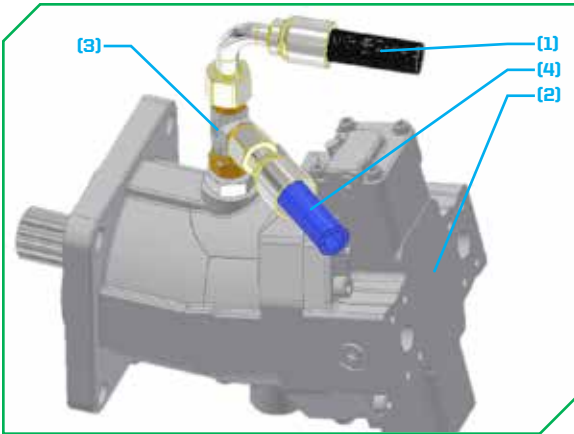
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## LOW PRESSURE HOSE & CHECK VALVE INSTALLATION



**Confirm the work environment is clean. DO NOT allow any dirt or debris to enter the hydraulic system or failure will occur.**

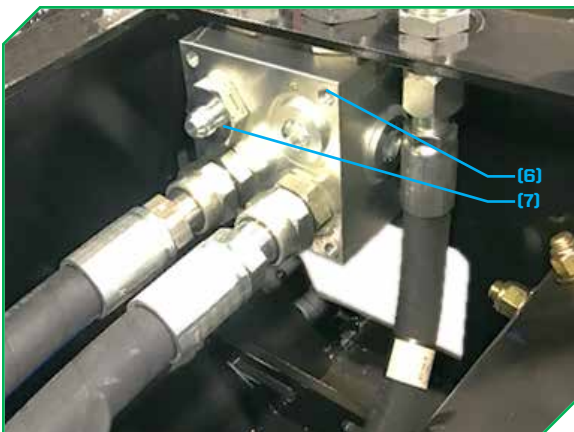
- Disconnect the factory case drain hose <sup>(1)</sup> from the top of the piston motor <sup>(2)</sup> housing as illustrated at left.



- Attach the supplied tee fitting <sup>(3)</sup> to the top of the piston motor <sup>(2)</sup> housing as illustrated at left.
- Connect the factory case drain hose <sup>(1)</sup> previously connected to the top of the piston motor <sup>(2)</sup> housing to the top of the tee fitting <sup>(3)</sup> as illustrated at left.
- Connect the supplied low pressure case drain hose <sup>(4)</sup> to the side of the tee fitting <sup>(3)</sup> as illustrated at left.



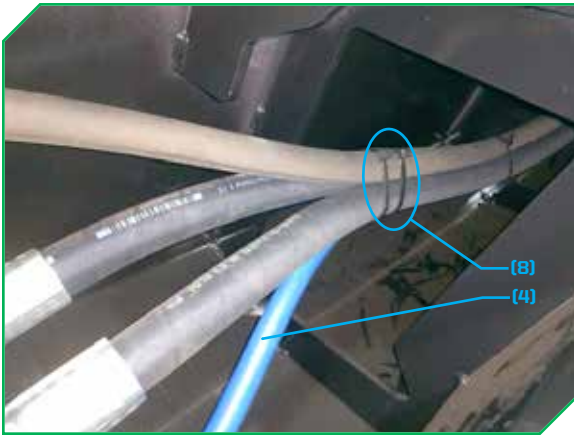
- Remove the factory plug <sup>(5)</sup> from the manifold <sup>(6)</sup> on the side of the machine opposite of the piston motor <sup>(2)</sup>.



- Assemble the supplied small nipple fitting <sup>(7)</sup> to the manifold <sup>(6)</sup>.

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# LOW PRESSURE HOSE & CHECK VALVE INSTALLATION



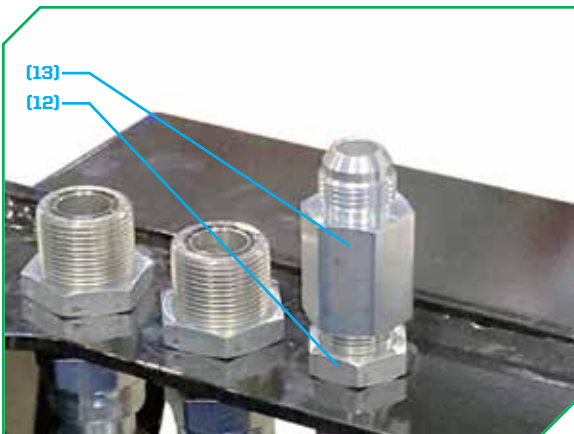
- Route the low pressure case drain hose (4) along other hoses to the manifold (6) on the side of the machine opposite of where the piston motor (2) is mounted.
- Secure the low pressure case drain hose (4) to the other hose(s) with cable ties (8) to prevent chafing against the inside structures of the machine.
  - **NOTE: DO NOT** compress or pinch the low pressure case drain hose (5)!



- Assemble the supplied check valve (9) to the small nipple fitting (7) on the manifold (6).
- Connect the low pressure case drain hose (4) to the check valve (9) opening labeled "1" with the supplied fitting (10).



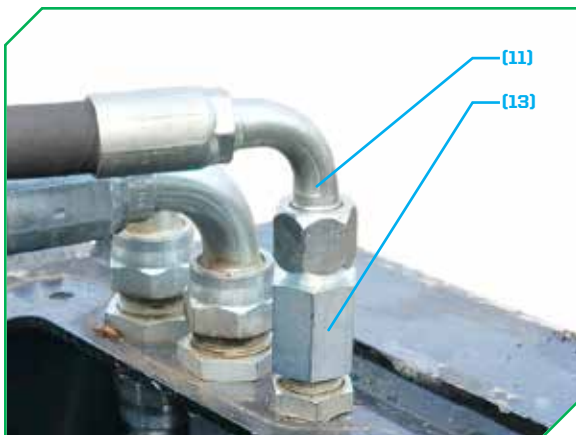
- Temporarily disconnect the carrier case drain hose (11) from the bulkhead fitting (12) on the outside of the machine.



- Assemble the supplied reverse flow check valve (13) to the bulkhead fitting (12) on the outside of the machine where the carrier case drain hose (11) was previously mounted as illustrated at left.

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## LOW PRESSURE HOSE & CHECK VALVE INSTALLATION



- Connect the carrier case drain hose <sup>(11)</sup> to the reverse flow check valve <sup>(13)</sup> as illustrated at left.
- Clean up any debris, spilled or leaked oil from the interior of the machine.
- Contact Diamond Customer Service at 1-888-960-0364 with any questions or concerns.