621F
721F
Tier 4B (final)
Wheel Loader

SERVICE MANUAL

Part number 47841827
English
February 2015

CASE CONSTRUCTION

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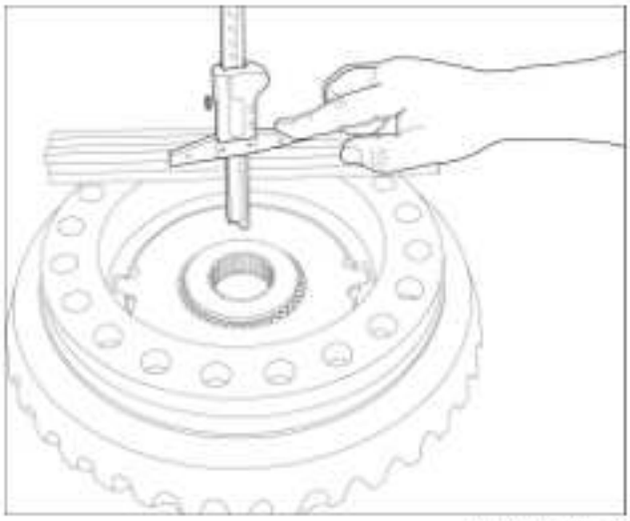
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10. Determine the installation clearance **0.2 - 0.7 mm** (**0.008 - 0.028 in**). Measure Dimension I from the mounting face of the differential housing to the plane face of the outer disc. Dimension I e.g. **44.30 mm** (**1.744 in**).



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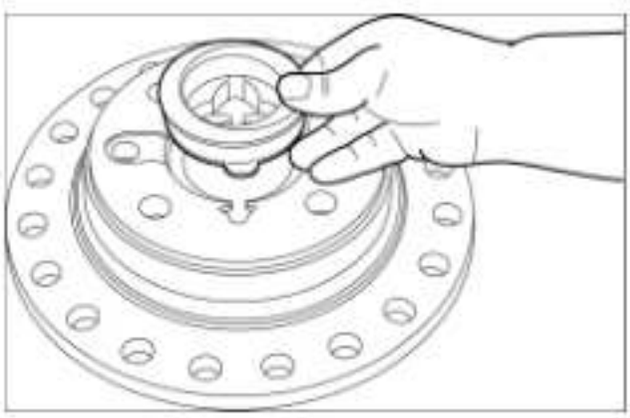
11. Measure Dimension II, from the contact face of the outer disc to the mounting face on the housing cover. Dimension II e.g. **43.95 mm** (**1.730 in**).

NOTE: *any deviation from the required installation clearance must be corrected with corresponding outer discs: s = **2.7 mm** (**0.106 in**), s = **2.9 mm** (**0.114 in**), s = **3.0 mm** (**0.118 in**), s = **3.1 mm** (**0.122 in**), s = **3.2 mm** (**0.126 in**), s = **3.3 mm** (**0.130 in**), s = **3.5 mm** (**0.138 in**).*

NOTE: *make sure the difference in thickness between the left and right disc package is less than **0.1 mm** (**0.004 in**).*

Calculation Example:	
Dimension I	**44.30 mm** (**1.744 in**)
Dimension II	**43.95 mm** (**1.730 in**)
Difference + disc clearance	**0.35 mm** (**0.014 in**)

12. Secure thrust washers into housing cover with grease.



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9160-Hour Meter Failure - Both Copies Are Wrong

Cause:

1. Instrument Cluster internal failure

Solution:

1. Verify that the fault code is still active, refer to **0000 - Retrieving fault codes, Wheel Loaders**.
   Prior to clearing fault codes write down all fault codes, number of occurrences, and engine hours at last occurrence.

   (1) Turn ignition switch to RUN position.

   (2) Clear all fault codes.

   (3) To check for fault code: Start and operate machine.

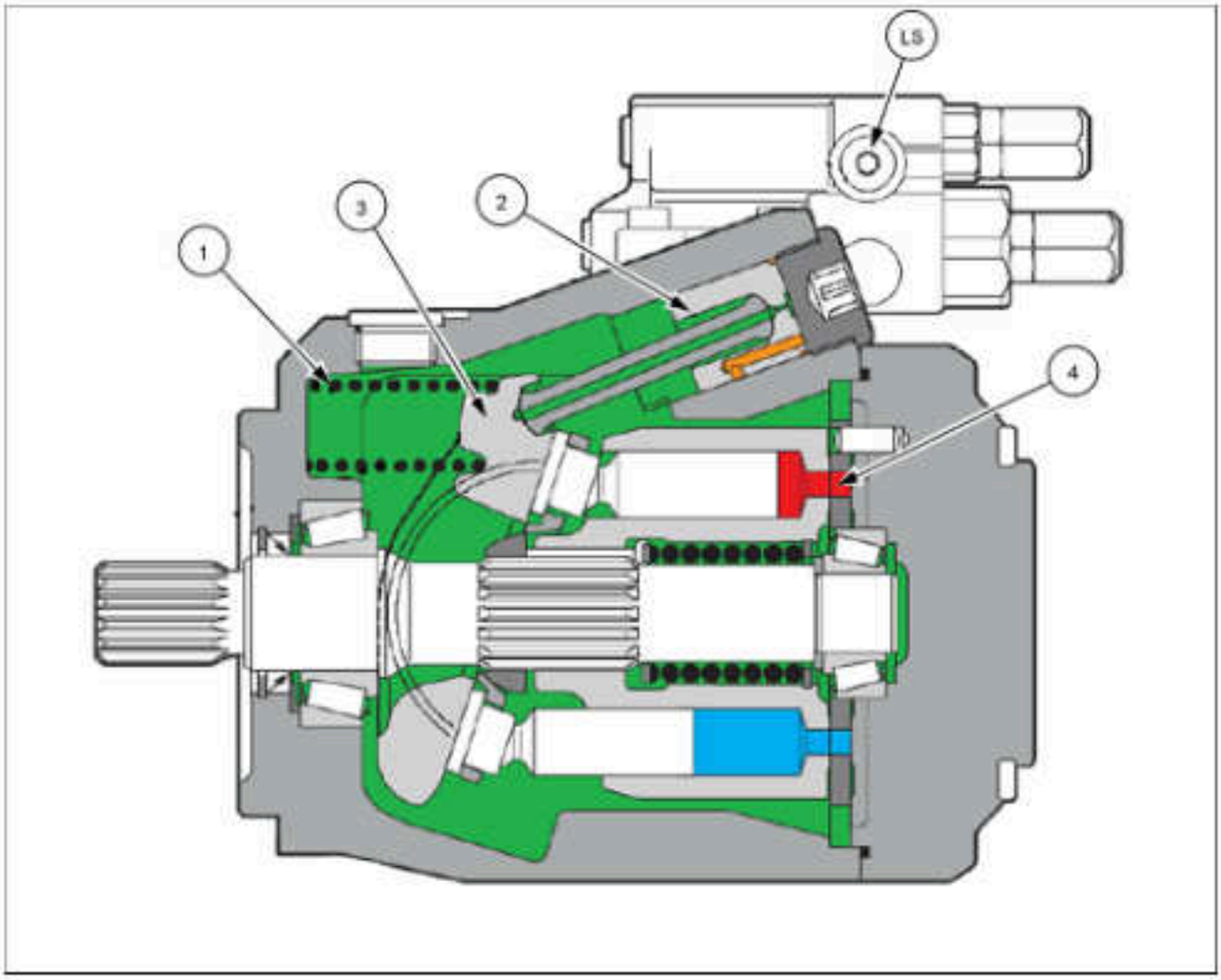
   A. Fault code 9160 is recorded again. Go to Step **2**.

   B. The fault is not recorded again. OK for return to service.
2. Replace the instrument cluster.

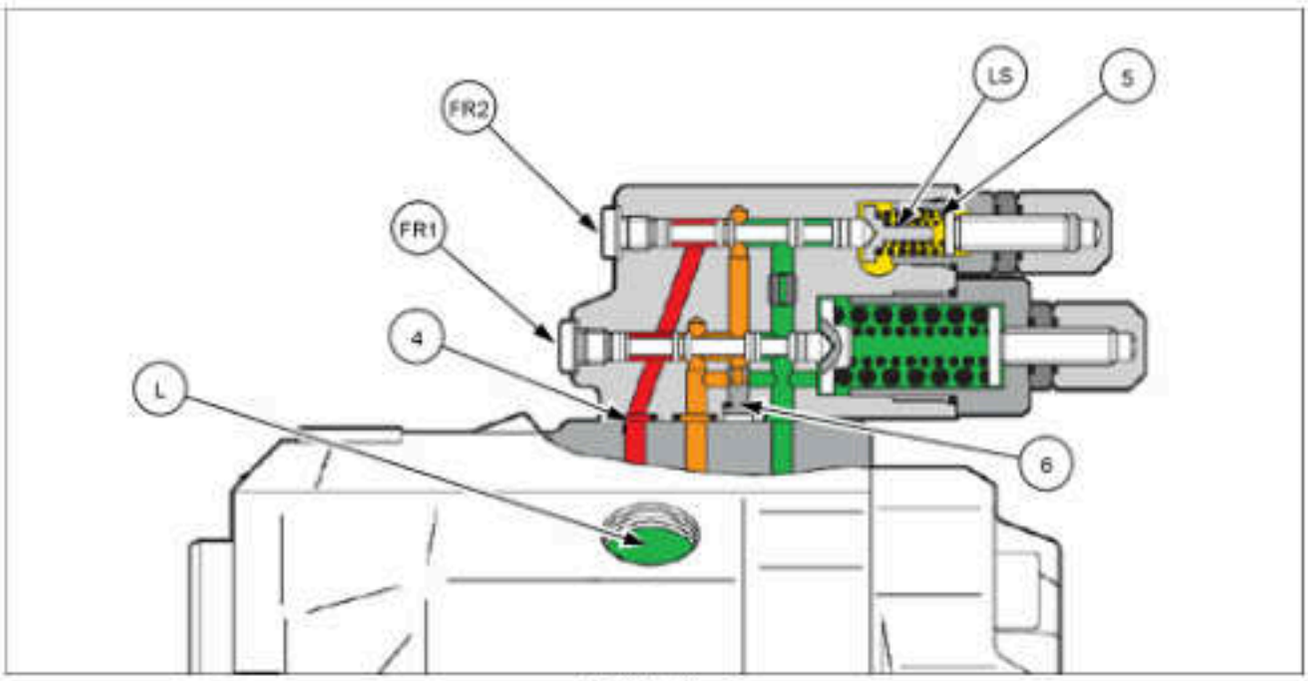
   (1). Remove and replace instrument cluster.

   A. Return to Step 1 to confirm elimination of fault.

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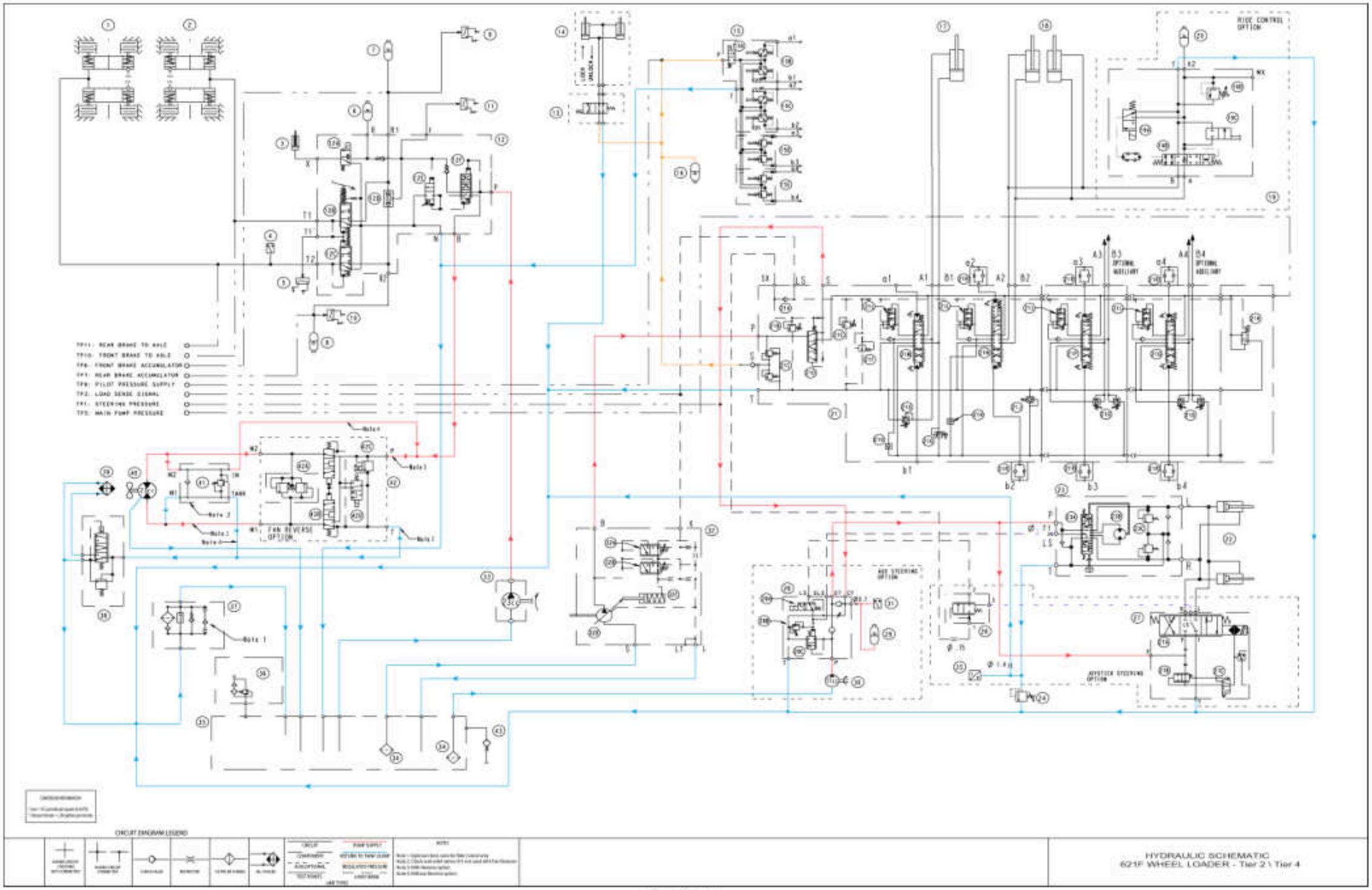


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