SERVICE MANUAL

T8.320 / T8.350 / T8.380 / T8.410 / T8.435 / T8.380 SmartTrax™ / T8.410 SmartTrax™ / T8.435 SmartTrax™

Continuously Variable Transmission (CVT) Powershift Transmission (PST)

Tractor

PIN ZHRE04001 and above

Part number 51431510
1st edition English
February 2018

NEW HOLLAND AGRICULTURE

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Check connector H15 for remote levers 5 and 6.

Check that the connector is not damaged, the pins are in the correct position and that the fit is tight.

Check the harness wires for damage.

A. Connection or damage problem found. Tighten, repair or replace as required. Return unit to field operation.

B. Connection or damage problem not found. Continue with step **4**.

4. Check the armrest controller configuration.

   Check the armrest controller has been configured correctly with the EST. The controller must be configured for the options installed on the tractor.

   A. Controller not configured correctly. Configure the armrest controller correctly. Return unit to field operation.

   B. Controller configured correctly. Continue to step **5**.

5. Check if other armrest related error codes are active.

   A. Other 18000 series fault codes are active. Replace the armrest controller. Configure the armrest controller. Return unit to field operation.

   B. Other 18000 series fault codes are not active. Continue with step **6**.

6. Replace the remote lever assembly.

   Test system operation.

   A. Fault code does not redisplay. Return unit to field operation.

   B. Fault code redisplays. Replace the armrest controller. Configure the armrest controller. Return unit to field operation.

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Differential - Sectional view - 102 mm (4.0 in) or 114 mm (4.5 in) axle

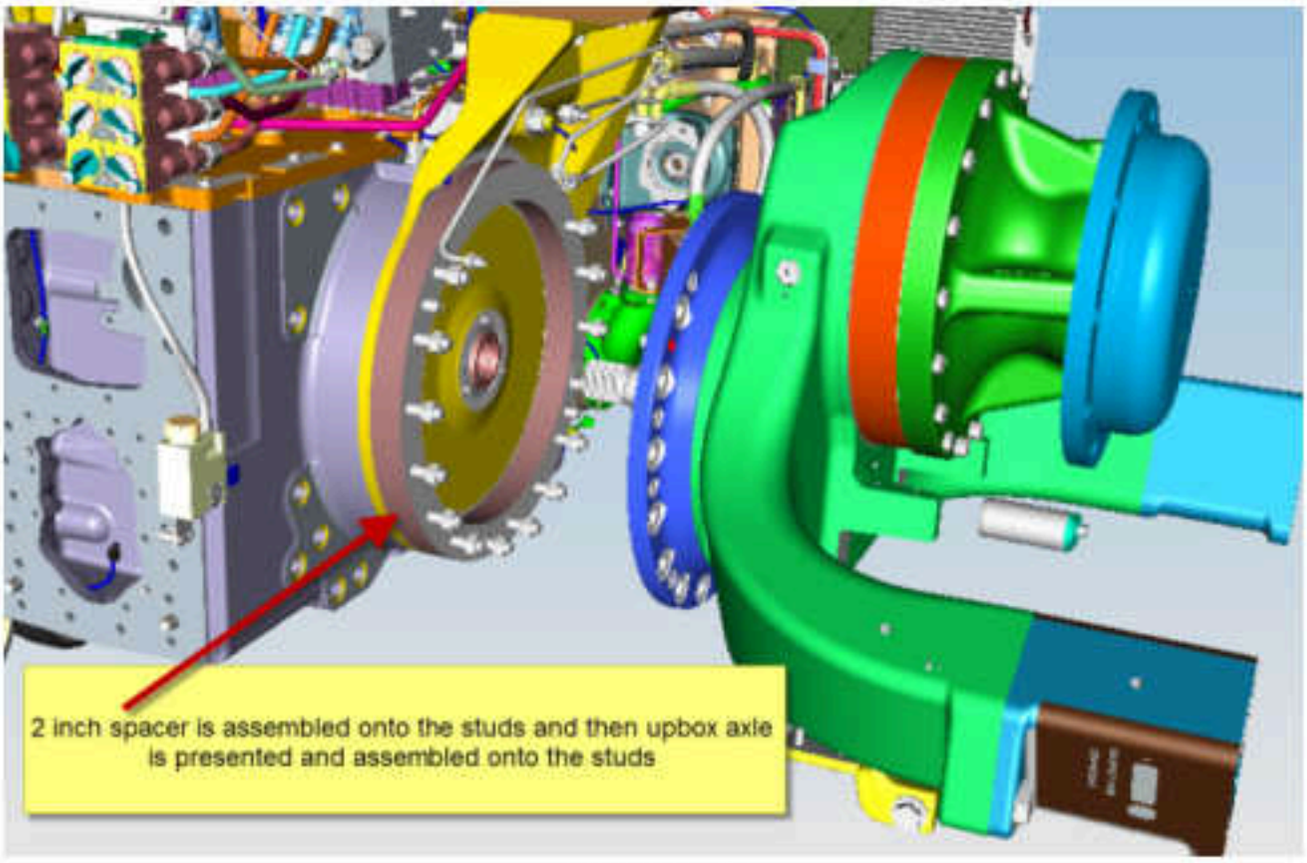
T8.320 PST TIER 4B [ZHRE04001 -]	
T8.350 PST TIER 4B [ZHRE04001 -]	
T8.380 PST TIER 4B [ZHRE04001 -]	
T8.410 PST TIER 4B [ZHRE04001 -]	

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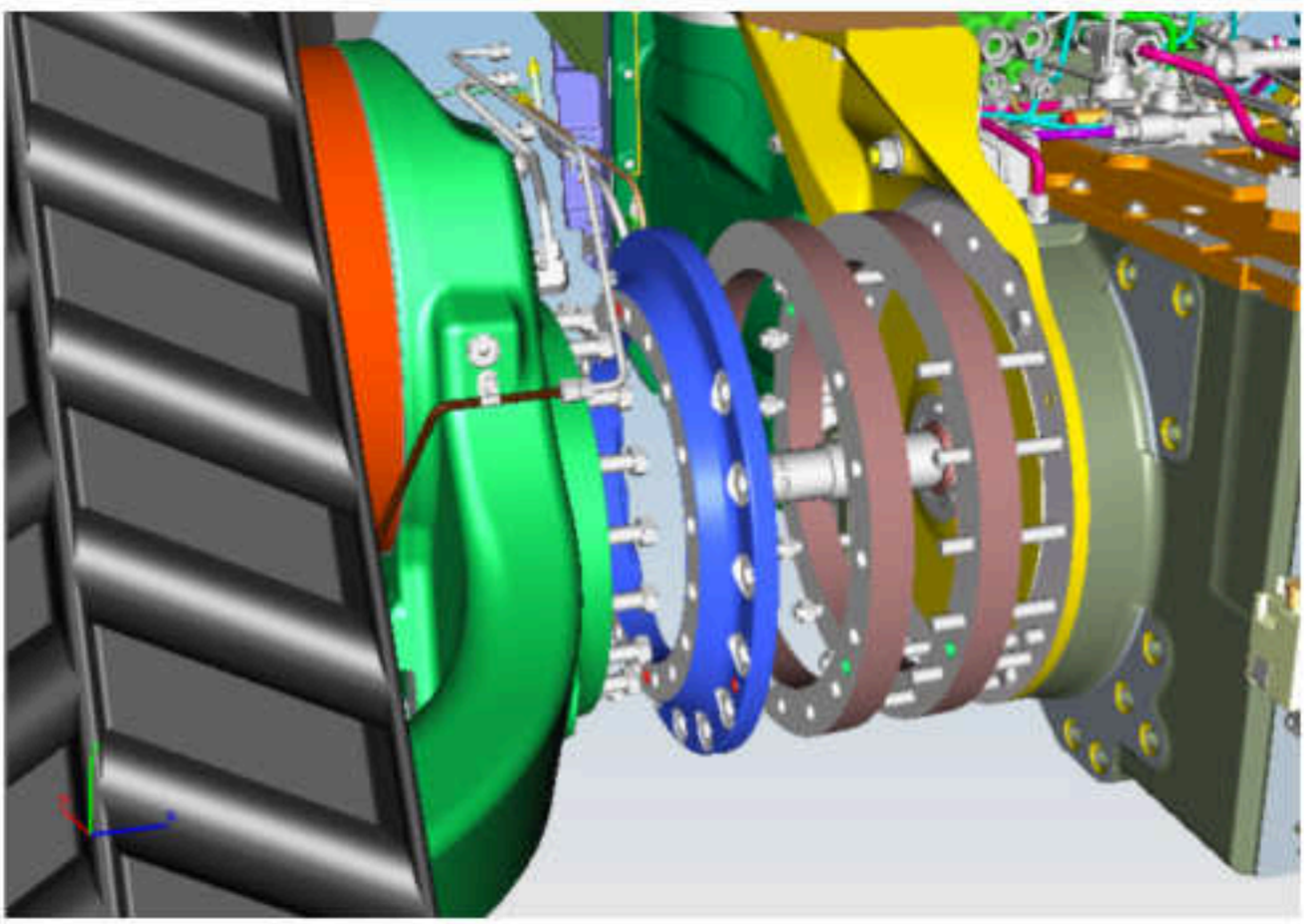
B. If you do not find damage and the display indicates only normal readings, then erase the fault code and continue operation.

Wiring harnesses - Electrical schematic sheet 05 - Engine inputs/outputs (55.100.DP-C.20.E.05)

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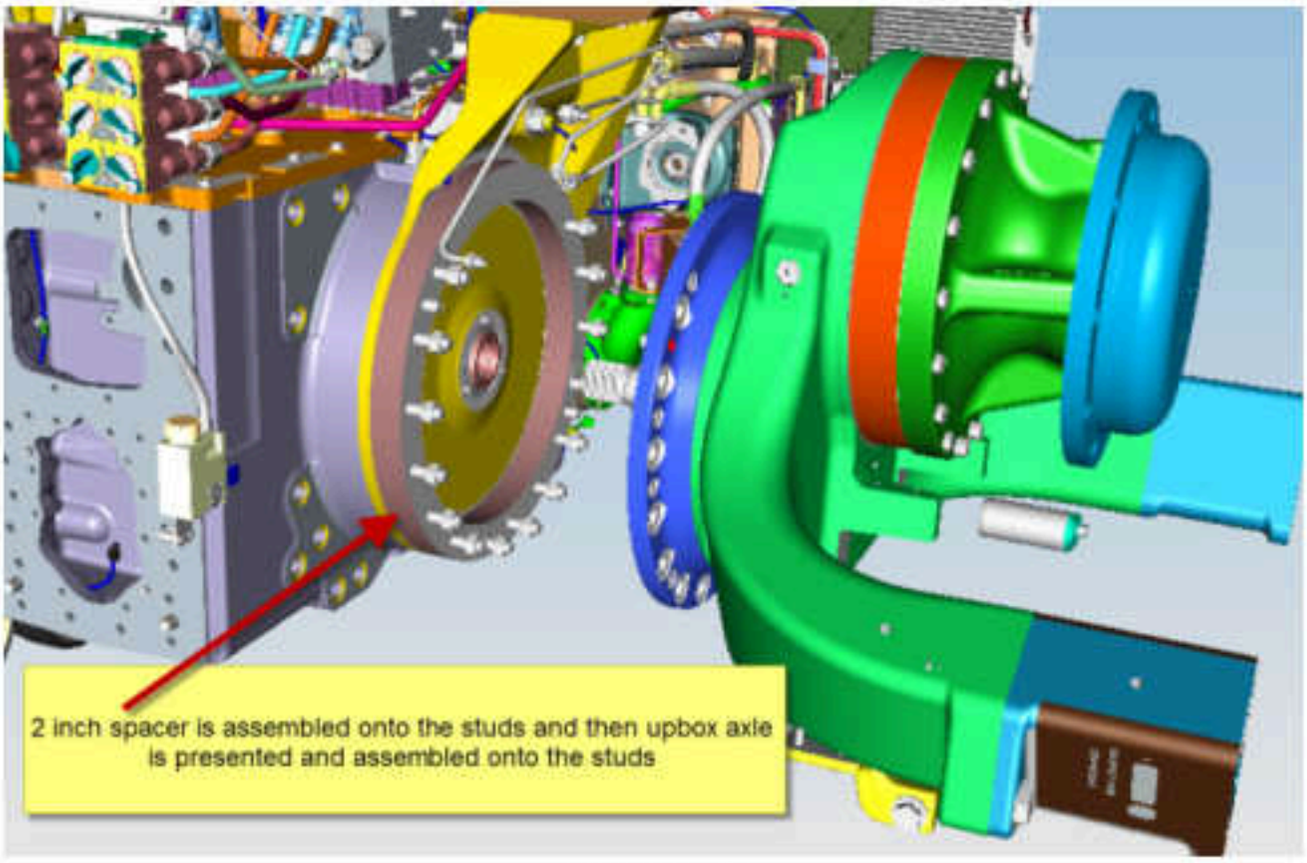
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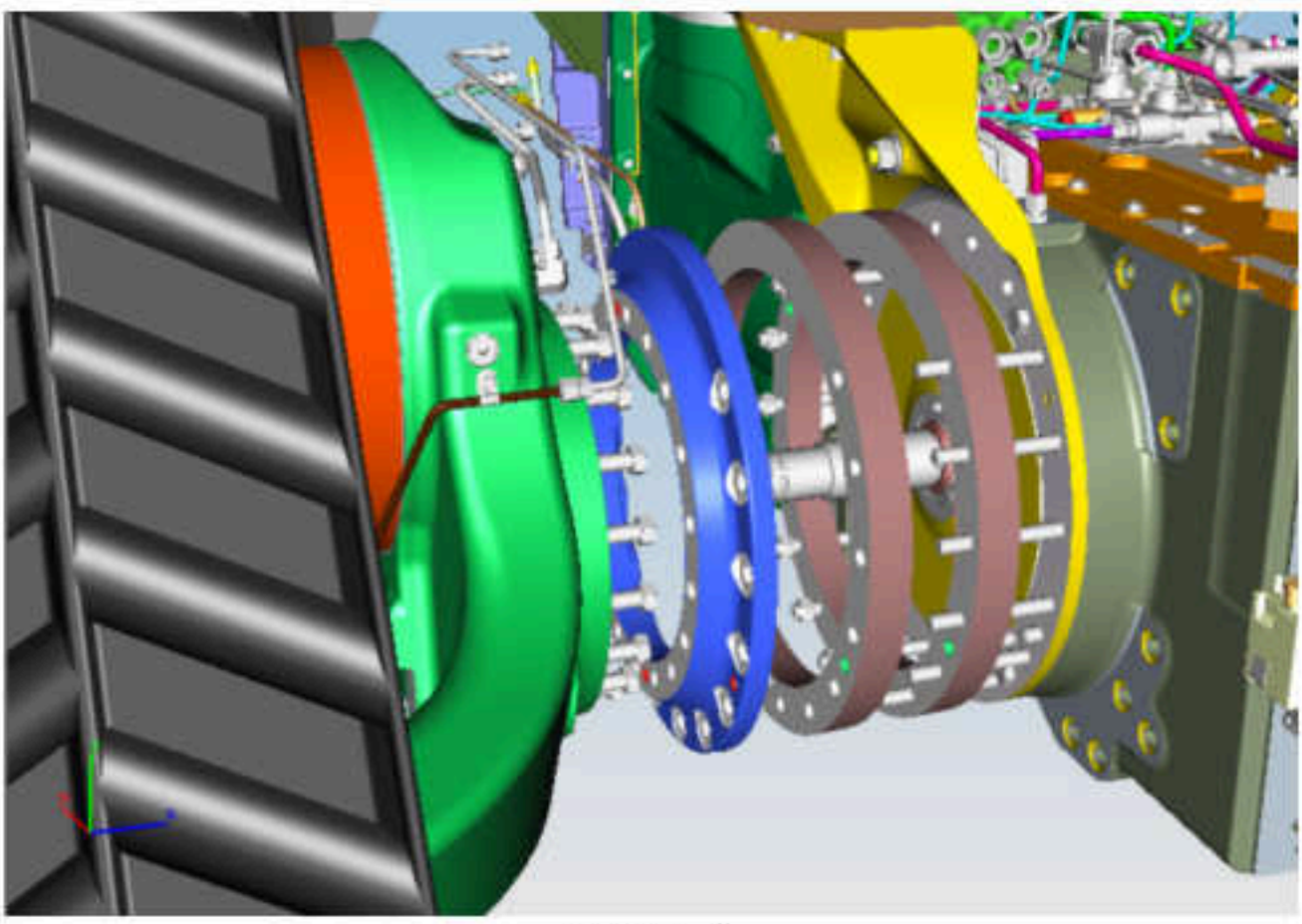
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2032 mm (80 in) tread spacing

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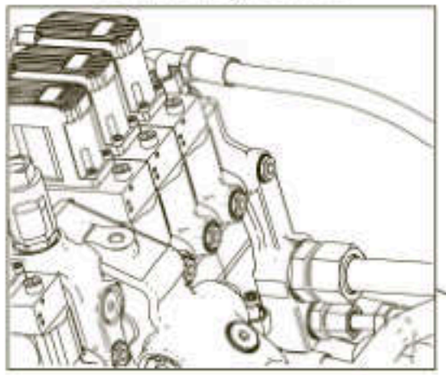


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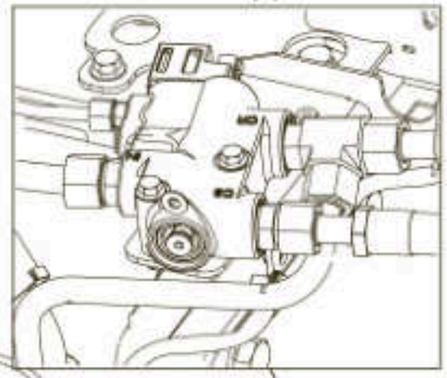
2032 mm (80 in) tread spacing

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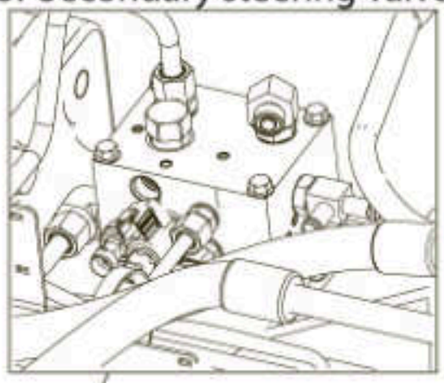
1. Priority valve



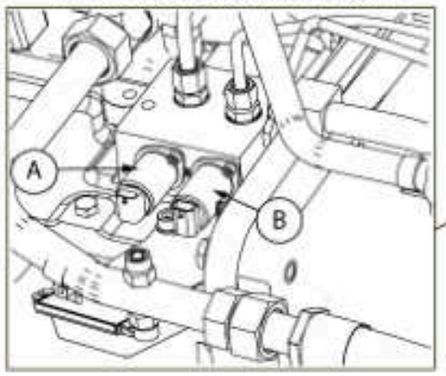
2. Oil cooler bypass valve

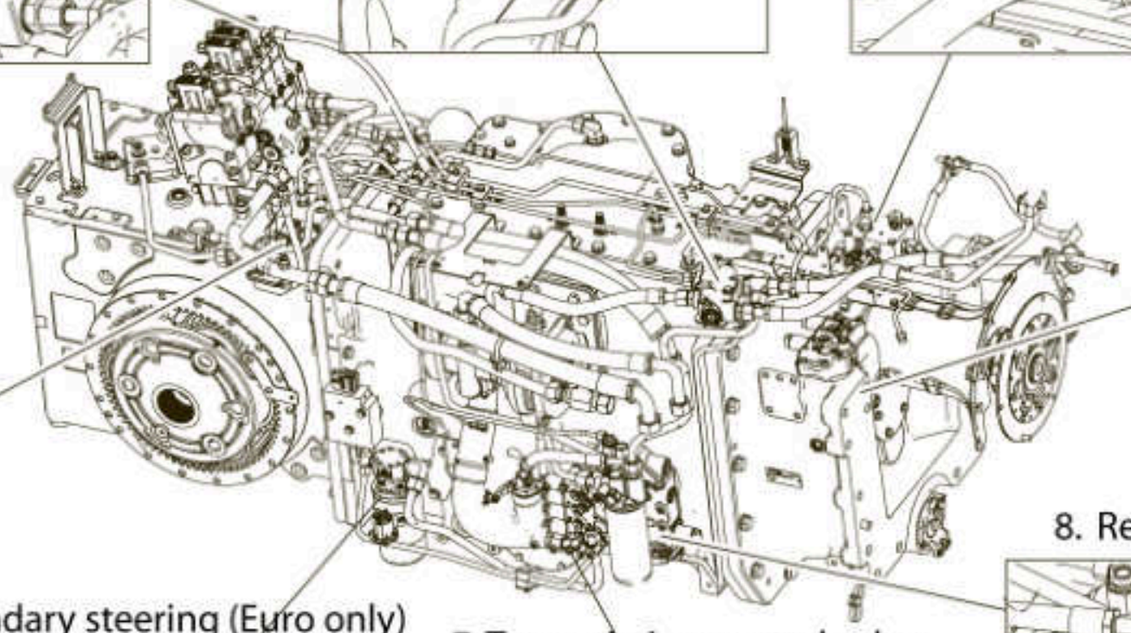


3. Secondary steering valve (Euro only)

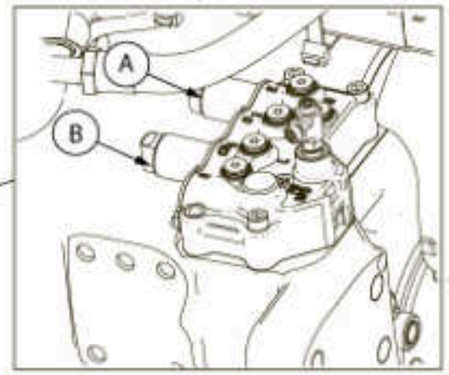


4. Rear PTO brake
MFD Differential lock

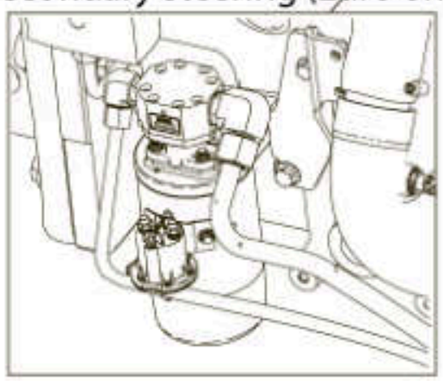




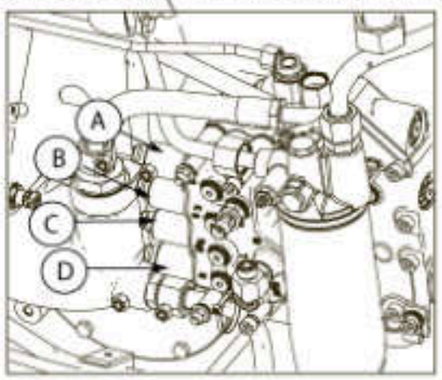
5. Forward/Reverse valve



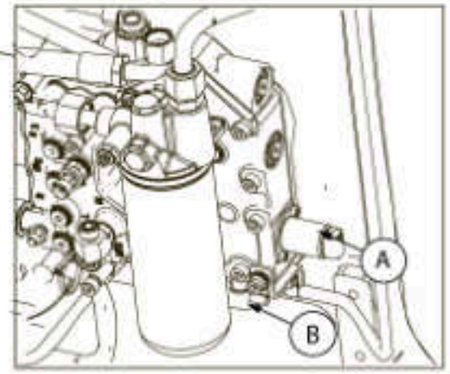
6. Secondary steering (Euro only)



7. Transmission control valve



8. Regulator valve



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