

Pump Rebuild Kit

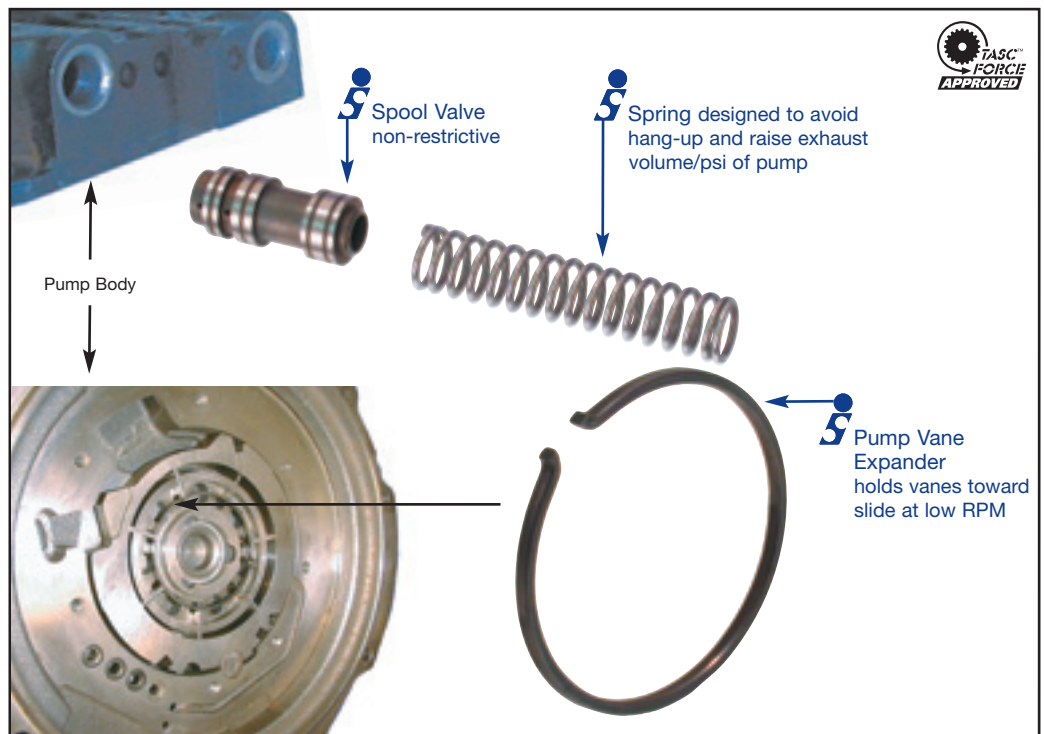
71912-01K

1 Spool Valve
1 Spool Valve Spring
1 Pump Vane Expander

Note: Fits 2 pan, 4 solenoid style units with vane-style pumps.

71912-02

1 Pump Vane Expander



Instructions for Pump Rebuild Kit

1. Remove the OEM spool valve and spring and discard.
2. Install the replacement spool valve and spring **71912-01K** as shown. Ensure that the spring guide on the valve seat is located properly. Check that the valve moves smoothly in the bore.
3. Install the bolt and torque to 17-26 ft-lbs.
4. Remove the OEM vane expander and discard. Insert pump vane expander **71912-02** between the center of the pump rotor and pump vanes. Assure that the gap in the pump vane expander is between 2 pump vanes and that the vane expander tabs are not in contact with the rotor. This will allow the expander to move slightly without pump vanes lodging in the gap.
5. Return the OEM guide ring over the pump vane expander.
6. Ensure that the pump vanes are installed with the notched end properly located.
7. After assembly, rotate the pump shaft to verify operation.

Instructions for Vane Expander Ring

1. Remove and discard the OEM vane expander.
2. Install the replacement pump vane expander against the pump rotor. Ensure that the gap in the pump vane expander is between two pump vanes and that the vane expander tabs are not in contact with the rotor. This will allow the expander to move slightly without the pump vanes lodging in the gap.
3. Return the OEM guide ring over the pump vane expander.
4. After assembly, rotate the pump shaft to verify operation.