Jatco/Nissan JF016E (RE0F10D), JF017E (RE0F10E)

Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

JF016E Lower Valve Body

Main Pressure Regulator Valve
- Low base line pressure
- Push belt slippage
- Solenoid performance codes

Replace with Sonnax Part No. 33510N-05K
Requires F-33510N-TL5 & VB-FIX

Secondary Pulley Reducing Valve
- Slips in Forward & Reverse
- Push belt slippage
- Push belt & sheave (pulley) surface damage

Prop valve open with .150” spacer to test here.

Torque Converter Lube Regulator Plunger Valve
- Jerking on coastdown
- Overheated fluid
- No lockup
- Engine stall on engagement

Replace with Sonnax Part No. 33510N-06K

Lockup Control Valve
- Converter shudder & TCC slip
- No lockup
- Excess TCC slip RPM & related codes

Replace with Sonnax Part No. 33510N-13K
Requires F-33510N-TL13 & VB-FIX

Lockup Control Plunger Valve
- TCC apply codes
- Burnt converter
- Converter Shudder

Replace with Sonnax Part No. 33510N-11K

Secondary Pulley Reducing Valve

Torque Converter Lube Regulator Plunger Valve

Lockup Control Valve

Main Pressure Regulator Valve

Jatco/Nissan JF016E (RE0F10D), JF017E (RE0F10E)

Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

JF016E Lower Valve Body

Main Pressure Regulator Valve
- Low base line pressure
- Push belt slippage
- Solenoid performance codes

Replace with Sonnax Part No. 33510N-05K
Requires F-33510N-TL5 & VB-FIX

Secondary Pulley Reducing Valve
- Slips in Forward & Reverse
- Push belt slippage
- Push belt & sheave (pulley) surface damage

Prop valve open with .150” spacer to test here.

Torque Converter Lube Regulator Plunger Valve
- Jerking on coastdown
- Overheated fluid
- No lockup
- Engine stall on engagement

Replace with Sonnax Part No. 33510N-06K

Lockup Control Valve
- Converter shudder & TCC slip
- No lockup
- Excess TCC slip RPM & related codes

Replace with Sonnax Part No. 33510N-13K
Requires F-33510N-TL13 & VB-FIX

Lockup Control Plunger Valve
- TCC apply codes
- Burnt converter
- Converter Shudder

Replace with Sonnax Part No. 33510N-11K

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Jatco/Nissan JF016E (RE0F10D), JF017E (RE0F10E)

Critical Wear Areas & Vacuum Test Locations

NOTE: OE valves are shown in rest position and should be tested in rest position unless otherwise indicated. Test locations are pointed to with an arrow. Springs are not shown for visual clarity. Low vacuum reading indicates wear and Sonnax parts are noted for replacement.

JF016E Upper Valve Body

Primary Pulley Reducing Valve
- Chatter on acceleration
- High or low line pressure
- Pulley breakage
- Slips in Forward & Reverse

*Replace with Sonnax Part No.*
33510N-03K

Requires F-33510N-TL3 & VB-FIX

Pilot Valve A
- Low solenoid feed pressure
- Solenoid performance codes

Pilot Valve B
- Low solenoid feed pressure
- TCC slip codes
OE Exploded View

JF016E Lower Valve Body

NOTE: Depending upon vehicle application, the OE springs shown may not be present.

<table>
<thead>
<tr>
<th>I.D. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>101</td>
<td>Secondary Pulley Reducing Valve</td>
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<tr>
<td>102</td>
<td>Main Pressure Regulator Valve</td>
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<tr>
<td>103</td>
<td>Torque Converter Lube Regulator Valve</td>
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<tr>
<td>104</td>
<td>Lockup Control Valve</td>
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<tr>
<td>105</td>
<td>Manual Valve</td>
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</table>
OE Exploded View

Jatco/Nissan JF016E (RE0F10D), JF017E (RE0F10E)

NOTE: Depending upon vehicle application, the OE springs shown may not be present.

JF016E, JF017E Valve Body Descriptions

<table>
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<tr>
<th>I.D. No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>201</td>
<td>Pilot Valve A</td>
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<tr>
<td>202</td>
<td>Primary Pulley Solenoid Valve</td>
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<td>203</td>
<td>Pilot Valve B</td>
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<td>Select Solenoid Valve</td>
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<td>Line Pressure Solenoid Valve</td>
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<tr>
<td>206</td>
<td>Secondary Pulley Solenoid Valve</td>
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<tr>
<td>207</td>
<td>Primary Pulley Reducing Valve</td>
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