

## Transmission Fluid Check

Step	Action	Value(s)	Yes	No
1	<p><b>Important:</b> Ensure that the transmission fluid is at the specified value.</p> <ol style="list-style-type: none"> <li>1. Install a scan tool and observe the transmission fluid temperature.</li> <li>2. Start the vehicle, and with the engine idling, depress the brake pedal and move the shift lever through the gear ranges, pausing a few seconds in each range. Return the shift lever to the PARK range.</li> <li>3. Raise the vehicle on a hoist. The vehicle must be level with the engine running and the shift lever in the PARK range. Refer to <a href="#">Lifting and Jacking the Vehicle</a> in General Information.</li> <li>4. Support the transmission with a suitable jack.</li> </ol> <p><b>Important:</b> The transmission must be in the vehicle operating position to accurately check fluid level.</p> <ol style="list-style-type: none"> <li>5. Remove the bolts securing the transmission crossmember to the vehicle and the transmission. Slide the crossmember as far rearward as possible.</li> </ol> <p><b>Caution:</b> Refer to <a href="#">Checking Hot Transmission Fluid through Drain Plug Hole Caution</a> in the Preface section.</p> <p><b>Important:</b> Some transmission fluid loss may occur when the fluid level hole plug is removed.</p> <ol style="list-style-type: none"> <li>6. Remove the transmission fluid level hole plug (36).</li> </ol> <p><b>Important:</b> The transmission fluid may darken with normal use and does not always indicate contamination or oxidation.</p> <ol style="list-style-type: none"> <li>7. Inspect the fluid color.</li> </ol> <p>Is the fluid color red or light brown with no burnt odor?</p>	30-50°C (86-122° F)	Go to <a href="#">Step 4</a>	Go to <a href="#">Step 2</a>
2	Does the fluid have a burnt odor or a dark brown color?	--	Go to <a href="#">Step 8</a>	Go to <a href="#">Step 3</a>
3	Does the fluid have a cloudy or milky appearance?	--	Go to <a href="#">Step 7</a>	Go to <a href="#">Step 8</a>
	Let the fluid temperature rise until it has reached the specified value. Inspect the fluid level. The level should be	30,50°C		

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4	<p>even with the bottom of the threaded plug hole.</p> <p>Is the fluid level low?</p>	(86-122° F)	Go to <a href="#">Step 5</a>	Go to <a href="#">Step 11</a>
5	<p>Add DEXRON® III automatic transmission fluid in increments of 0.5 L (0.5 qt) until the fluid drains from the hole plug.</p> <p>Did you add more than 1.5 L (1.6 qt) to the transmission?</p>	--	Go to <a href="#">Step 6</a>	Go to <a href="#">Step 11</a>
6	<p>The transmission may have a leak. Refer to <a href="#">Fluid Leak Diagnosis</a> .</p> <p>Was a transmission leak found?</p>	--	Go to <a href="#">Step 9</a>	Go to <a href="#">Step 11</a>
7	<p>The transmission fluid is contaminated with engine coolant.</p> <p>Repair or replace the transmission cooler in the radiator.</p> <p>Is the transmission cooler repair complete?</p>	--	Go to <a href="#">Step 9</a>	--
8	<ol style="list-style-type: none"> <li>1. Drain the fluid by removing the transmission fluid pan drain plug (63) if equipped.</li> <li>2. Remove the transmission fluid pan. Refer to <a href="#">Automatic Transmission Fluid and Filter Replacement</a> .</li> </ol> <p><b>Important:</b> A very small amount of material in the bottom of the pan is a normal condition.</p> <ol style="list-style-type: none"> <li>3. Inspect the bottom pan for any excessive debris.</li> </ol> <p>Was excessive debris found?</p>	--	Go to <a href="#">Step 9</a>	Go to <a href="#">Step 10</a>
9	<ol style="list-style-type: none"> <li>1. Repair the transmission, if required.</li> </ol> <p><b>Important:</b> If the transmission is overhauled, it may be necessary to flush the transmission fluid cooler and pipes. Refer to <a href="#">Transmission Fluid Cooler Flushing and Flow Test</a> .</p> <ol style="list-style-type: none"> <li>2. Perform the transmission fluid checking procedure starting with step 1.</li> </ol> <p>Is the repair complete?</p>	--	System OK	--
10	<ol style="list-style-type: none"> <li>1. Change the fluid and fluid filter. Refer to <a href="#">Automatic Transmission Fluid and Filter Replacement</a> .</li> <li>2. Perform the transmission fluid checking procedure starting with step 1.</li> </ol> <p>Is the repair complete?</p>	--	System OK	--
	<p><b>Notice:</b> Refer to <a href="#">Fastener Notice</a> in the Preface section.</p> <p><b>Important:</b> If the level hole plug (36) and O-</p>			

11	<p style="color: red;">ring (37) are not damaged, they should be reused.</p> <ol style="list-style-type: none"> <li>1. Let the AT fluid temperature rise until it has reached the specified value. Allow fluid to finish draining out of the hole plug. Inspect the level hole plug (36) and O-ring (37) for damage. Install the transmission level hole plug (36) and tighten to the specified value.</li> <li>2. Wipe any excess fluid from the transmission with a shop towel or rag.</li> <li>3. Install the crossmember.</li> <li>4. Remove transmission jack.</li> <li>5. Lower the vehicle.</li> </ol> <p>Is the repair complete?</p>	<p>30-50°C (86-122° F)</p> <p>20 N·m (15 lb ft)</p>	<p>System OK</p>	<p>--</p>
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