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> Genuine Honda HCF-2 Transmission Fluid User Manual

Honda 08200-HCF2

Genuine Honda HCF-2 Transmission Fluid User Manual

Model: 08200-HCF2

1. PRODUCT OVERVIEW

Genuine Honda HCF-2 (Honda Continuously Variable Transmission Fluid - 2) is a specially formulated transmission fluid designed for use in second-generation Honda Continuously Variable Transmissions (CVT). This fluid provides advanced protection and ensures optimal performance and longevity of your vehicle's CVT system. It is crucial to use only genuine Honda HCF-2 fluid for compatible Honda vehicles to maintain transmission integrity and warranty.





Image: A single bottle of Genuine Honda HCF-2 Transmission Fluid, black bottle with a yellow and red label. The label clearly states "Honda Genuine HCF-2 TRANSMISSION FLUID" and "1 U.S. QT./946 ML."

2. SAFETY INFORMATION

Always prioritize safety when handling automotive fluids. Read and understand all warnings on the product label and in your vehicle's owner's manual before proceeding.

- **Eye Protection:** Always wear safety glasses or goggles to protect your eyes from splashes.
- **Skin Protection:** Wear gloves to prevent prolonged skin contact. Wash hands thoroughly after handling.
- **Ventilation:** Work in a well-ventilated area.
- **Ingestion:** Do not ingest. If swallowed, do not induce vomiting. Seek immediate medical attention.

- **Flammability:** Keep away from heat, sparks, open flames, and hot surfaces. No smoking.
- **Storage:** Store in a cool, dry place, out of direct sunlight, and away from incompatible materials. Keep container tightly closed when not in use.
- **Keep Out of Reach of Children:** Store fluid in a secure location inaccessible to children and pets.
- **Disposal:** Dispose of used fluid and contaminated materials in accordance with local regulations. Do not pour into drains or dispose of with household waste. Return used oil to collection centers.

3. SETUP AND PREPARATION

Before beginning any transmission fluid service, ensure you have all necessary tools and safety equipment. Refer to your vehicle's specific service manual for detailed instructions and torque specifications.

Required Tools and Materials:

- Genuine Honda HCF-2 Transmission Fluid (quantity as per vehicle specifications)
- New Honda CVT drain plug washer (crush washer)
- Drain pan (sufficient capacity for old fluid)
- Socket wrench and appropriate socket for drain plug
- Torque wrench
- Funnel
- Clean rags or shop towels
- Safety glasses and gloves
- Vehicle lift or jack stands (ensure vehicle is level)



Image: Four bottles of Honda HCF-2 transmission fluid, along with a pair of black gloves and a yellow caution mat, indicating preparation for fluid handling.



Image: Four bottles of Honda HCF-2 transmission fluid displayed with a new crush washer, essential for sealing the drain plug during fluid replacement.

Vehicle Preparation:

1. Park the vehicle on a level surface.
2. Ensure the engine is off and has cooled down sufficiently to avoid burns from hot fluid or components.
3. Engage the parking brake.
4. If lifting the vehicle, use appropriate lifting equipment and secure it with jack stands.

4. OPERATING INSTRUCTIONS (FLUID CHANGE PROCEDURE)

This section outlines the general procedure for draining and refilling Honda HCF-2 transmission fluid. Always consult your vehicle's specific service manual for precise steps and fluid capacities.

1. **Locate Drain Plug:** Identify the CVT transmission drain plug, typically located on the bottom of the transmission pan.
2. **Position Drain Pan:** Place the drain pan directly beneath the drain plug.
3. **Remove Drain Plug:** Using the appropriate socket wrench, carefully loosen and remove the drain plug. Be prepared for fluid to flow out immediately. Allow all old fluid to drain completely.
4. **Inspect and Replace Washer:** Inspect the drain plug and replace the old crush washer with a new one. This is critical for preventing leaks.
5. **Reinstall Drain Plug:** Reinstall the drain plug with the new washer. Torque the drain plug to the specification found in your vehicle's service manual (typically around 35 ft-lbs, but verify for your specific model).
6. **Locate Fill Port:** Identify the CVT transmission fill port, usually located on top of the transmission or accessible via

the dipstick tube.

7. **Add New Fluid:** Using a clean funnel, slowly add the specified amount of Genuine Honda HCF-2 fluid. Refer to your vehicle's owner's manual for the exact capacity.
8. **Check Fluid Level:** After adding the fluid, start the engine and allow it to reach operating temperature. Shift through all gears (P, R, N, D, L) with the brake applied, pausing briefly in each. Then, with the engine running and the vehicle on a level surface, check the fluid level using the transmission dipstick. Add more fluid if necessary until the level is within the "HOT" range on the dipstick.
9. **Final Inspection:** Check for any leaks around the drain plug and fill port.

Your browser does not support the video tag.

Video: A short demonstration showing the Genuine Honda HCF-2 Transmission Fluid bottle, highlighting its appearance and labeling. This video provides a visual reference of the product.

5. MAINTENANCE

Regular maintenance of your vehicle's transmission fluid is vital for its longevity and performance.

- **Fluid Level Checks:** Periodically check your transmission fluid level as recommended in your vehicle's owner's manual. Ensure the vehicle is on a level surface and the engine is at operating temperature for an accurate reading.
- **Fluid Change Intervals:** Adhere to the transmission fluid change intervals specified by Honda for your particular vehicle model. These intervals can vary based on driving conditions and vehicle usage.
- **Fluid Condition:** Note the color and smell of the fluid during checks. Healthy HCF-2 fluid is typically clear and reddish. Dark, burnt-smelling fluid may indicate a problem and requires immediate attention.

6. TROUBLESHOOTING

If you experience issues after a transmission fluid change or suspect a problem with your CVT fluid, consider the following:

- **Incorrect Fluid Level:**
 - *Too Low:* Can cause transmission slippage, overheating, and damage. Add fluid slowly until the correct level is reached.
 - *Too High:* Can lead to foaming, fluid aeration, and leaks. Excess fluid must be drained.
- **Leaks:**
 - Check the drain plug for proper torque and ensure the new crush washer was installed correctly.
 - Inspect the fill port and surrounding areas for signs of leakage.
- **Unusual Transmission Behavior:** If you notice rough shifting, slipping, or unusual noises after a fluid change, re-check the fluid level and ensure the correct type of fluid was used. If problems persist, consult a qualified Honda technician.
- **Incorrect Fluid Type:** Using any fluid other than Genuine Honda HCF-2 in a compatible Honda CVT can cause severe transmission damage and void your vehicle's warranty.

7. SPECIFICATIONS

Attribute	Detail
Product Name	Genuine Honda HCF-2 Transmission Fluid

Model Number	08200-HCF2
Brand	Honda
Volume	1 U.S. Quart / 946 mL
Type	Continuously Variable Transmission Fluid (CVT)
Application	Specifically formulated for second-generation Honda CVT transmissions.

8. WARRANTY AND SUPPORT

As a genuine Honda part, this product is subject to Honda's official warranty policies. For specific warranty details, claims, or technical support, please refer to your vehicle's owner's manual or contact an authorized Honda dealership or service center. Using non-genuine fluids or improper installation may void applicable warranties.

For further assistance, visit the official Honda website or consult a certified Honda technician.

