



Technical Bulletin

Transmission: *All*

Subject: *Converter Failure*

Application: *All*

Issue Date: *October, 2011*

Honda Tech Tips

It is strongly recommended that all Honda/Acura vehicles especially Odyssey & Acura MDX vehicles with 4 & 5 speed transmissions to use the following tips;

- 1: Do Not Reuse the factory bolt on fluid warmer/cooler if present (figure 1). Replace with a well known name brand stand alone external oil to air cooler. It is not capable of being flushed properly or cool adequately. There are after market adapters to route hoses to the front of the vehicle. The cooler size must be adequate for the vehicle.
- 2: Install an external cooler on vehicles without the fluid warmer/cooler. Bypass the vehicle's radiator in warm climate areas or in series on the return cooler line closest to the differential in colder climates. Fluid will remain in a well known name brand cooler longer and cool better than some less expensive brands.
- 3: Replace the factory inline filter assembly (figure 1) if present.
- 4: Replace the valve caps (bore plugs) in the valve body. These valve caps are available from the after market with o-rings to help prevent leaks.
- 5: Flat sand/file all case and valve body surfaces. Torque valve body bolts to 140" lbs.
- 6: Always use the Green aftermarket o-ring on the converter hub. It's much thicker to accommodate any wear in the inner pump gear surface.
- 7: Use O.E. Honda fluid (or equivalent) (most O.E. fluids are designed to run cooler for specific model applications) (figure 2).
- 8: Install the Sonnax Torque Converter Check Valve, Sleeve & Spring kit #98892-04K (no reamer required/drop in fix).
- 9: **Most important:** Install the Sonnax Lube Regulated Pressure Regulator Valve kit #98892-04K (no reamer required/drop in fix). This kit fits all 4/5 speed Honda/Acura's except: A6VA, AOYA, BOYA, MPOA, MPJA, APXA, MPXA, MP1A, PX4B, MPRA, RO, PMZA, M5HA, M1WA M5DA, MPWA AND MPYA.

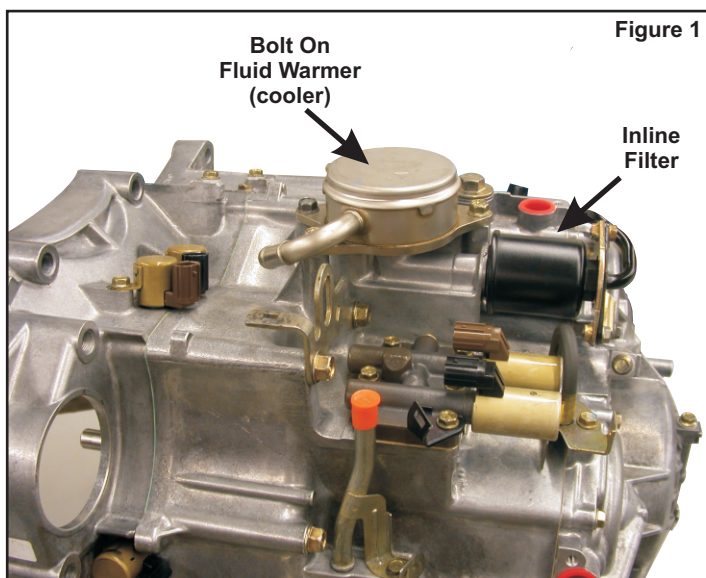


Figure 1

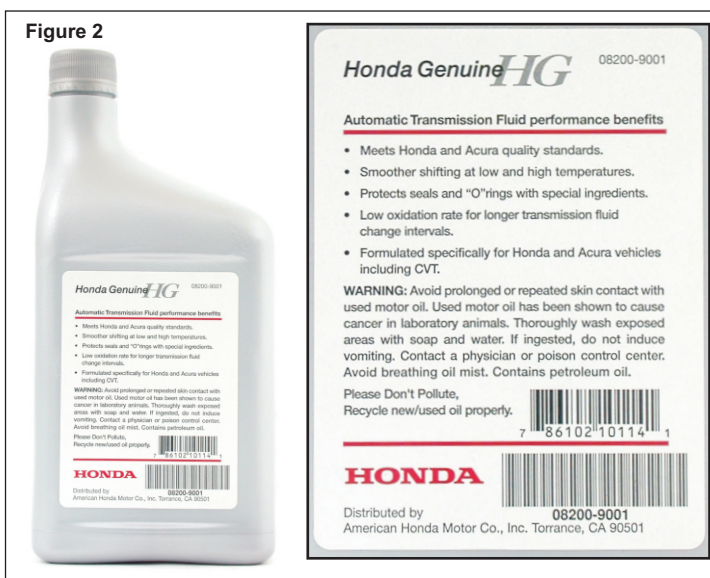


Figure 2

Special thanks to Jason Scott in Atlanta for his help in compiling this list.