

RECOMMENDED MATERIALS

TECHNICAL SERVICE BULLETIN

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HONDA: ALL

CATEGORY: General Info

APPLIES TO: ALL

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REVISION SUMMARY

NOTE: (Supersedes 99-030, dated April 18, 2012)

Under Greases and Lubricants, part numbers and a fluid name were changed and added.

Many procedures in service bulletins and other service publications require you to use adhesives, sealants, lubricants, solvents, wool felt, EPT sealer, etc. While some of these materials look and feel similar to each other or to non-approved materials, always use the exact material listed in the service manual or service bulletin to save yourself a costly comeback and a dissatisfied customer. Remember, a material that's "almost the same" probably won't do the job, or won't do it as well as the correct material.

A recommended material is selected by Honda engineers only after its effectiveness has been evaluated under the conditions in which it will be used. To select the best materials, factors such as these are considered:

- The compounds that make up the part(s) being used.
- The material's resistance to temperature, moisture, vibration, etc.
- Whether the material needs to be dry or pliable.
- How the material bonds to dissimilar parts, for example, rubber to glass, plastic to rubber, and plastic to metal.

This service bulletin describes most of the recommended materials commonly referenced in Honda service and training publications. The materials are grouped into four categories: Insulating Products, Adhesives and Sealers, Greases and Lubricants, and Cleaners and Polishes. You can purchase these materials through local suppliers; many are also available through American Honda. Please share the information in this bulletin with the people in your parts department.

INSULATING PRODUCTS

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Material	P/N	Description and/or Usage
EPT Sealer 3T	06990-SA5-000	A 3-mm-thick, adhesive-backed foam sheet that you cut to size and use on interior parts for sound dampening, cushioning, and controlling squeaks and rattles.
EPT Sealer 5T	06991-SA5-	Same as EPT Sealer 3T, except it's 5 mm thick.

Material	P/N	Description and/or Usage
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EPT Sealer 10T	06992-SA5-000	Same as EPT Sealer 3T, except it's 10 mm thick.
Slip Tape	70200-ALL-999	An adhesive-backed, low-friction plastic tape used between plastic parts to eliminate rubbing and squeaking, 6 mm wide.
Slip Tape (3M 5430 Squeak Reduction Tape)	3M #051131-06356	An adhesive-backed, low-friction plastic tape used between plastic parts to eliminate rubbing and squeaking, 25 mm wide. (Replaces 06994-SA5-000.)
Tricot Tape	71985-SF1-000	A 0.25-mm-thick, adhesive-backed tape used between plastic parts to eliminate rubbing, squeaking, and rattling.
Wire Harness Cushion	91902-SB2-003	Used for padding connectors and cushioning wire harnesses and related parts.
Wool Felt	06993-SA5-000	A 1-mm-thick, adhesive-backed wool that's used for padding, cushioning, or wrapping parts.

ADHESIVES AND SEALERS

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Material	P/N	Description and/or Usage
3M AUTOMIX Channel Bonding Adhesive (black)	3M #051135-08641	Two-part adhesive used to secure windshield A-pillar moldings.
3M Brushable Seam Sealer	3M #051135-08655	Fluid-like urethane sealer used to seal hood and roof ribs to sheet metal panels and to repair water leaks. Fills gaps up to 1 mm. It's flexible when dry.
3M Clear Auto Sealer	3M #051135-08551	Leak sealer for windshields, taillights, moldings, and small seams. When dry, it's smooth and flexible.
3M FLEXICLEAR Body Seam Sealer (Clear)	3M #051135-08405	Used to seal interior or exterior joints and seams. When dry, it's non-yellowing, flexible, and paintable.
3M Protective Tape Application Solution	08712-0008	A pre-mixed, water-based solution for applying door edge guards and rear bumper appliques.
3M Quick-Fix Adhesive	3M #051135-08155	Used to reattach moonroof seals.
3M Rust Fighter-1 (amber)	3M #051135-08892	Non-hardening compound that replaces the factory rust protection removed during body repairs.
3M ULTRAPRO Autobody Sealant	3M #051135-08302	Heavy-bodied seam sealer that fills larger gaps than brushable seam sealer. It's flexible and paintable when dry.
3M ULTRAPRO Urethane Seam Sealer	3M #051135-08360	Similar to ULTRAPRO Autobody Sealant in description, usage, and appearance. It's applied with an applicator gun (3M #051135-08398).

Material	P/N	Description and/or Usage
3M Weatherstrip Adhesive (black)	3M #051135-08011	Adhesive used to bond rubber seals to metal. Do Not use 3M Super Gasket Adhesive (yellow) or 3M Super Weatherstrip Adhesive for this application.
3M WINDO-WELD Resealant (black)	3M #051135-08633	Sealer used to repair leaks between glass and metal. It's flexible when dry.
Cemedine Weatherstrip Adhesive	08712-0004	Adhesive sealer that bonds rubber seals to metal. Use in place of 3M ULTRAPRO Autobody Sealant for water leak repairs.
Door Panel Shield Adhesive	08712-0003	Putty-like adhesive that reattaches the plastic cover (rain protector) under the door panel to the door.
Hondabond 4 Semi-Drying Sealant	08717-1194	Liquid gasket sealant used to seal critical areas as specified in service manuals. Do not use it for gasketless applications unless specified in the service manual.
Hondabond HT Silicone Gasket	08718-0004	Adhesive sealer for metal-to-metal, metal-to-plastic, or plastic-to-plastic bonding. Good for high temperature applications.
Hondalock 1 Threadlock	08713-0001	Low-strength thread lock and sealer for bolts.
Hondalock 2 HT Threadlock	08713-0004	Medium-strength, high-temperature thread lock and sealer for bolts.
Hondalock 2 Threadlock	08713-0002	Medium-strength thread lock and sealer for bolts.
Hondalock 3 Threadlock	08713-0003	High-strength thread lock and sealer for studs and bearings.
Ultra Flange Sealant	08718-0003	Gray material used to seal areas as described in service manuals. It can also be used for most gasketless applications except oil pans.
Ultra Flange II Sealant	08718-0009	This thick, gray material is the recommended product for sealing gasketless oil pans. It's also the preferred sealant for most gasketless applications.
Weatherstrip Cement	08712-0002	Attaches and seals soft-rubber weather stripping to painted metal.

GREASES AND LUBRICANTS

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Material	P/N	Description and/or Usage
3M Brake Lube	3M #08945	High-temperature anti-seize lubricant and corrosion protection for tight-fitting or dissimilar metal parts. It's good for minimizing exhaust system buzz.
Antifreeze/Coolant Type 2	OL999-9011	Extended life coolant. Do not add water as it comes premixed.
Automatic Transmission Fluid - DW-1	08200-9008	The only ATF specifically formulated for use in Honda A/Ts. Don't use any other ATF.
Brembo Brake Grease	08798-9027	The only recommended grease to be used on Brembo

Material	P/N	Description and/or Usage
		brake pads.
Continuously Variable Transmission (CVT) Fluid	08200-9006	The only CVT fluid specifically formulated for use in Honda CVTs.
CV Joint Grease-Inner (yellow)	08798-9003	Extreme-pressure, high-temperature grease for inner CV joint lubrication.
CV Joint Grease-Outer (black)	08798-9007	Extreme-pressure grease for lubricating outer CV joints.
DC 111 Silicone Paste	Call Dow Corning: (800) 248-2481	High-viscosity lubricant for rubber-to-metal and plastic-to-metal contact. Also used for suspension bushings and brake system seals.
Dual Pump Fluid	08200-9002	Use in the CR-V dual pump rear differential. The fluid helps reduce noise and wear.
Heavy Duty Brake Fluid DOT 3	08798-9008	The only brake fluid specifically formulated for use in Honda vehicles. It helps to reduce the corrosive effects of moisture in the fluid and is compatible with synthetic and rubber materials.
Honda Caliper Grease	08C30-B0224M	High-temperature, silicone-based grease used to lubricate caliper slide pins.
Hypoid Gear Oil HGO-1 GL5 75W-85	08200-9014A*	Formulated specifically for Honda/Acura transfer case applications. Lower viscosity for improved fuel economy. High viscosity index to provide use in a wide ambient temperature range. Replaces hypoid gear oil SAE 90W, GL4 or GL5, as the recommended transfer assembly fluid
Lithium Dielectric Grease	08798-9001	White grease used to pack electrical connectors for moisture and corrosion protection.
Lock Lube	08732-0010	A grease that's safe to use in all types of locks: door, ignition, and trunk.
Lubricant Additive	8-01052-358-0	Use with Passports equipped with limited slip differentials. for more information, refer to Service Bulletin 96-027, VIBRATION AND CHATTERING NOISE WHEN CORNERING .
Manual Transmission Fluid	08798-9031	The only MTF specifically formulated for use in Honda M/Ts. Don't use any other MTF.
Moly 60 Paste	08734-0001	Sixty percent moly-grease formula that is recommended for gears, bearings, and other high pressure/high temperature applications.
Molykote 44MA	Call Dow Corning: (800) 248-2481	Moly grease used between the brake shoes and backing plate and on the ends of the shoes.
Molykote M77 (75-gram jar)	08798-9010	A high-molybdenum-content paste that polishes more than it lubricates. Use it on the back of brake pads and on brake shims. For pint or gallon-size quantities, call Dow Corning at (800) 248-2481.
Molykote MH62	08798-9012	Moly grease used to lubricate plastic-to-plastic

Material	P/N	Description and/or Usage
		contact.
PAG Oil ND-8	38897-PR7-A01AH	Refrigerant oil used in A/C systems with Nippon Denso (ND) compressors .
PAG Oil S10-X	38897-P0A-A01AH	Refrigerant oil used in A/C systems with Hadsys compressors .
PAG Oil SP-10	38897-P13-A01AH	Refrigerant oil used in A/C systems with Sanden compressors.
PAG Oil (Passport L4)	2-90188-300-0	Refrigerant oil used in Passport L4 A/C systems.
PAG Oil (Passport V6)	2-90188-301-0	Refrigerant oil used in Passport V6 A/C systems.
Power Steering Fluid	08206-9002	Power steering fluid in all Honda vehicles except Passports.
Power Steering Grease	08C35-B0534L	The only recommended power steering grease because of cold weather properties. Only to be used on steering racks.
Sanden SE-10Y	38899-RCJ-A01 38899-RMC-A01	Refrigerant oil used in Civic and Accord Hybrid vehicles. Do not mix with any other refrigerant oils.
Shin-Etsu Silicone Grease	08798-9013	Used to reduce rubber-to-rubber noises and to lubricate roof seals.
Silicone Grease	08C30-B0234M	Used to reduce rubber-to-rubber noises and to lubricate roof seals.
Super High Temp Urea Grease	08798-9002	Medium-viscosity grease used to lubricate parts with metal-to-metal and metal-to-plastic contact. It's good for mainshaft splines and clutch pivot points.
VTM-4 Differential Fluid	08200-9003	Use in vehicles equipped with an active torque rear differential. The fluid helps to reduce noise and wear.
Water Pump Lubricant	08798-9005	When added to the coolant, this lubricant reduces noise caused by water pump bearings and seals.

NOTE: * "Acura" brand product

CLEANERS AND POLISHES

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Material	P/N	Description and/or Usage
3M General Purpose Adhesive Cleaner	3M #051135-08984	Solvent for removing most kinds of adhesives and sealants. It won't damage most plastic or painted surfaces.
Brake Cleaner	08732-9006	Non-chlorinated; cleans brake drums, liners, cylinders, springs, and disc pads; degreases brake fluids, grease, and oil; quick drying time with no residue.
HondaBrite All Surface Cleaner (pump bottle)	08732-0020B	Cleaner for degreasing parts and removing brake dust from alloy wheels.
HondaBrite (refill)	08732-0032	A 32-ounce refill for the HondaBrite bottle.

Material	P/N	Description and/or Usage
Mag V	Call (800) 877-6282	Strong, acidic cleaner that removes stains and discoloration from glass.
Metal Polish	08C20-A021S	Use to restore original luster to aluminum, chrome, and stainless steel surfaces.
Multi-Purpose Cleaner & Engine Degreaser	08732-9003	All purpose degreaser, dissolves and removes grease, oil, grime, and dirt; water rinseable.
Throttle Plate and Induction Cleaner	08732-9009	Removes deposits in the air intake system; restores smooth operation in the throttle plate.
Windshield Washer Concentrate	08798-9025	Windshield washer fluid for all seasons.
Windshield Washer Tablet	08798-TABS	Windshield washer tablets for summer use.