HONDA

June 1, 2021

Version 2

Warranty Extension: 2016-20 HR-V CVT Premature Belt Deterioration

Supersedes 21-047, Dated April 27, 2021, to revise the information highlighted in yellow.

AFFECTED VEHICLES

| Year | Model | Trim | VIN Range |
|---------|----------------------------------|------|--|
| 2016–20 | HR-V 2WD & AWD (CVT models only) | ALL | Check the iN VIN status for eligibility. |

REVISION SUMMARY

- Under PARTS INFORMATION, additional CVT ordering information and images were added.
- Under WARRANTY INFORMATION, additional claim information was added.
- Under REQUIRED MATERIALS, a material was added.

BACKGROUND

Due to the possibility of early deterioration of the Continuous Variable Transmission (CVT) drive belt, American Honda is extending the warranty coverage on these CVT models to 7 years from the original date of purchase or 150,000 miles, whichever comes first. If the PCM software was previously updated in service bulletin 21-046, *Product Update: 2016-20 HR-V Software Update and CVT Inspection*, the warranty extension applies, since the CVT primary drive belt is now a OBD-monitored part due to the addition of DTC P271E.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

CORRECTIVE ACTION

Replace the Continuously Variable Transmission (CVT).

NOTE: Update the Continuously Variable Transmission (CVT) PCM software, and do the CVT inspection before doing this repair. Refer to service bulletin 21-046, *Product Update: 2016-20 HR-V Software Update and CVT Inspection.*

CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.

PARTS INFORMATION

•

•

| Part Name | Part Number | Quantity |
|-----------------------|-----------------|----------|
| Transmission Assembly | 06200-52P-A02RM | 1 |
| Transmission Assembly | 06200-52N-A04RM | 1 |
| Transmission Assembly | 06200-52P-A70RM | 1 |

NOTE: After the vehicle was updated and if the CVT failed the magnet inspection in service bulletin 21-046, *Product Update: 2016-20 HR-V Software Update and CVT Inspection*, to order a replacement transmission fill out **AT/CVT Order** form under **Reman Parts/Special Orders** section on iN. You will need to have the following information:

• Provide a clear picture of the magnet sticking on the CVT oil pan at the inspection area (this picture should have been taken during the CVT magnet inspection).



Drain the CVT fluid through a paint strainer as shown below. Provide a clear picture of the inside of the strainer showing any contamination.



Provide a clear picture of any contaminates on the end of the oil pan drain plug.



- Upload the three images to the Tech Line Image Upload page before submitting the CVT order form on iN. If you have
 not contacted Tech Line then use the last 7 digits of the VIN for the Tech Line Reference No.
- Select Tech Line Agent Name David Wong

•

•

| OPTS ID. | | | | |
|---|---|----------------------------|--------------------|-------------------------|
| Tech Line Reference No. | | | | |
| Tech Line Agent Name | << SELECT >> V | | | |
| | Vehicle | Information | | |
| /IN• | Model | << SELECT >> 🗸 | Model Year | << SELECT >> V |
| Mileage | | | | |
| | | | * | |
| Comments | | | | |
| and the second se | | | | |
| | | | | |
| | Imag | e Upload | | |
| mages Uploaded 0 | Image Up | load | View Ima | ge |
| | | | | |
| or video or large photo file ncluded in the subject line | s, email them to <u>techline@ahm.honda.c</u> when sending files to Tech Line | com. A Tech line reference | ce number or VIN a | nd dealer number MUST b |
| and the second | | | | |

© 2000-2021, American Honda Motor Co., Inc. All Rights Reserved.

Fill out the **AT/CVT Order** form under **Reman Parts/Special Orders** section on iN. If the vehicle is beyond the 5 year / 60,000 mile warranty term use 21047 as the Goodwill VSC Authorization. This will allow the order to be processed under the Extended warranty coverage, then continue filling out the remaining required information on the form.

| Desire Information RepRO Order Date: POPE I Dollar: RepRO Order Date: POPE I Dollar: RepRO Order Date: No Vestice Information Warranty Good Information Warranty Status Warranty Status Warranty Status Disclammer Entering an subortation number does not Insign coerage. Cautomer coesast No. Cautomer coesast No. Disclammer Entering an subortation number does not Insign coerage. Cautomer coesast No. Cautomer coesast No. Cautomer coesast No. Disclammer Entering an subortation number does not Insign coerage. Disclammer Entering Coerage. Cautomer coesast No. Disclammer Entering Coerage. Disclammer Enterins Coerage Coesast No. <t< th=""><th>- required</th><th></th><th>CV</th><th>oruer</th><th>_</th><th></th><th></th><th></th><th>_</th></t<> | - required | | CV | oruer | _ | | | | _ |
|---|--|--------------------------------|----------------|--------------|-------------------------|---------------|-------------|--------------|-----|
| Dear Fundame PF SI DUNAme PF SI DUNAme EXECUTOTION EXEL Approved by Part Manager Water No No No No No No No No No No | | | Dealer | Information | 1 | | | | |
| DPT B (DNAme CCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC | Dealer Number | | | | | | | | 1 |
| heaptones No. Ext4 Approved by Parts Manager ve we ve No ve vehicle Mormation Vestion Mormation Munder Vestion More vehicle Structure Vestion More Vestion More Vestion More Vestion More | DPTS ID/Name• 💽 | ELECT >> 💙 | | Repair O | rder Date- | - E | 1/ | 1/ | - |
| Value | Telephone No. | | Ext. | 4000000 | d by Darfa | Managar | | ~ | |
| Weikide Information Weikide Information With Regar Model Warr Misage Warrshold Schwarben Discomer Kindenig as authorization number does not inspir coverage. Castomer Misage Discomer Kindenig as authorization number does not inspir coverage. Castomer Misage Discomer Kindenig as authorization number does not inspir coverage. Castomer Misage Discomer Kindenig as authorization number does not inspir coverage. Visitation probation Discomer Kindenig as authorization number does not inspir coverage. Visitation probation Discomer Kindenig as authorization number does not inspir coverage. Visitation probation number have a note or or visitation probation have a note or visitation probation note and regarement for does not regarement for does risk regarement into Disk risk regarement for Disk regarement probation note and risk regarement into Disk risk regarement into Disk risk regarement into Disk risk regarement probation activity regarement regarement into Disk risk regarement probation count regarement regarement into Disk risk regarement probation count regarement regarement regarement regarement regarement regarement regarement regarement reg | releptione no. | | ~ | - Abbiere | u by Parts | manager. (| Yee | No | |
| NN Model NR Model NR Model Model NR Model Model NR Model NR Model NR NR <td></td> <td></td> <td>Vehicle</td> <td>Informatio</td> <td>n</td> <td></td> <td></td> <td></td> <td></td> | | | Vehicle | Informatio | n | | | | |
| Nituge Repair Order Number | VIN | | | Model | HR-V | | Model Y | ear | |
| | Mileage | | | Repair C | order Numb | ser- | | | |
| Warranhy Goodwill Information WRR Countor with a college of the processing of the proces of the processing of the processing of the pr | a the vehicle drivable?* | O Yes O No | | Tranemi | selon Num | ber | | | _ |
| Marantip Status Warrently Type WAR Cauto Treat Use Data Genetity V12 Cultorination Cauto Discisioner Enforting is autorination number does dots ingly coverage. Cauto Cauto Discisioner Enforting is autorination number does dots ingly coverage. Cautometris Constitution Cautometris Constitution Discisioner Kame- Proteiner Description Proteiner Description Proteiner Description Data former Constat No. Proteiner Description Non Constat No. Proteiner Description Des Set Entaministion haves a noise of Proteiner Set | | | Warranty/Go | odwill infor | mation | | | | |
| Tript Lieb Date Coceeding an understation number does and tripty correspondence of tripty c | Warranty Statue | | | Warrant | туре | | WAR | Custo | me |
| | First Use Date | | | Goodwill | VSC Auth | orization- | | | - |
| Customer Landomer Landome | | Disclaimer: Entering an a | uthorization i | number doe | e not imply | y coverage. | | | |
| Ducknowner Ducknow | | | Custom | er informati | on | | | | |
| Dustomer Conduct No. Dustomer & Compliants | Customer Name- | 0 | | | | | | | |
| Dustometrie Compilation Problem Description Engagement Processes Problem Description Date Total Technics Area and engagement for Dor R7 Yee Note In the Standback have a notice of Versite Information Processes Yee Standback or Juback with adving? Yee Text Leak Robust Other roles? Paint Leak Robust DTC if Symptomic Comments Details the reasonable driving? Yee In leak at a set? Yee Yee No Is the mationciden indicator light (ML) on? Yee Yee No Is the ransmission had any protein occurn? Codd Set the transmission had any protein occurn? No Yee No Is a transmission had any protein occurn? Adde Robde when the problem o | Customer Contact No. | | | | | | | | |
| Proceem Description Description Cost bit frammission have a noise or bitstation problem generation points Noi Proceem Description Noi Data for frammission have a noise or "Yes bitstation points" Desystems of points Yes Noise or Disease with the Disease Bits in inverse generation to Disease of the Disease of the Disease Bits in inverse generation to Disease of the Disease of th | Customer's Complaint- | | | | | | | | 1 |
| Description Note Number Control Costs for financination Problems Oversite financination Problems Costs for financination Problems Oversite financination Problems Costs for financination Problems Oversite financination Problems Desyster apgement Into D or F7 Yes No Stips in news gen? Yes No Oversite financination Problems Stips in news gen? Yes No Oversite financination Problems Yes Stips in news gen? Yes No Oversite financination Problems Yes Total dask Problems Yes No Oversite financination Problems Yes Total dask Problems Yes No Oversite financination Problems Yes Total dask Problems Yes No Oversite financination Problems Yes Total dask Problems Yes No Oversite financination Problems Yes Total dask Problems Yes No Internation Problems Yes Total dask Problems Yes No Internation Problems Yes Total dask Problems | | | | | | | | | |
| Engagement Problems Mole Autority Problems Cost & Its instantistics Problems Over & Its instantistics Problems Cost & Its instantistics Problems Over & Its instantistics Problems Cost & Its instantistics Problems Over & Its instantistics Problems Deals & Its instantistics Problems Over & Its instantistics Problems Deals & Its instantistics Problems Over & Its instantistics Problems Deals & Its instantistics Problems Over Market Problems Deals & Its weak Problems Version and enviro? Problems No Version and enviro? Version and enviro? Problems No Its and an early? Version and enviro? Problems No Its and an early? Version and enviro? <tr< td=""><td></td><td></td><td>Problem</td><td>1 Descriptio</td><td>in :</td><td></td><td></td><td></td><td>Í</td></tr<> | | | Problem | 1 Descriptio | in : | | | | Í |
| Date See fragmentations have a new offer and the service of the se | En | gagement Problems | | | | Noise/vibr | ation Prob | lema | |
| angagemet poolent?> Yes No Vitable poolent?> Yes Budde or jobder with dorwing? Yes No Vitable poolent?> Yes Budde or jobder with dorwing? Yes No Vitable poolent?> Yes Big is in forward gear? Yes No Converter lock-out poolent?> Yes Big is in forward gear? Yes No Other notes? Yes Big is in forward gear? Yes No Other notes? Yes Does engine stall in D or R? Yes No Other notes? Yes Does engine stall in D or R? Yes No Other notes? Yes In leak at a geaker? Yes No Interval No Is leak at a geaker? Yes No Interval No Is leak at a geaker? Yes No Interval No Is leak at a geaker? Yes No Interval No Is leak at a geaker? Yes No No Yes Is leak at a geaker? Yes No No Yes Is leak at a geaker? Yes No No Yes Is a tartanistion indicator light (MiL) on? Yes No No Is a tarta | Does the transmission h | ave an Own | Ow | Does th | e tranemie | elon have a r | 10 eslo | Ower | |
| Type, T | engagement problem ?- Delayed engagement inte | D or R2 | ONO | Grinding | n problem 1 n polse? | | | OTOB | |
| answer of parts Yes No Consistent lock day india? Yes Stips in forward gear? Yes No Visation while driving? Yes Stips in forward gear? Yes No Visation while driving? Yes Stips in forward gear? Yes No Visation while driving? Yes Case segment or clusk tho D or R? Yes No Other notes? Yes Data segment or clusk tho D or R? Yes No Differ driving? Yes Data segment or clusk tho D or R? Yes No Differ driving? Yes Data segment or clusk tho D or R? Yes No Image driving? Yes Data segment or clusk tho D or R? Yes No Image driving? Yes Is lask at a driving? Yes No Image driving? Yes Is lask at a driving? Yes No Image driving? Yes Is lask at a driving? Yes No Image driving? Yes Is lask at a driving? Yes No Image driving? Yes Is lask through class? Yes No Image driving? Yes Is lask through class? Yes No Image driving? Yes Is lask thr | Shudder or ludder while | driving? | No | White | olae2 | | | Yes | |
| apple in inverse gen? Yes No Constraint income prices Yes in an engagement of class, thick thick the full containt into the prices Yes No Yes in an engagement of class, thick the prices Yes No Yes in a ket and the set of the set of the prices Yes No in is a ket a general Differ for the set of the set of the set of the prices Yes in is a ket a general Yes No is a ket a set? Yes No is a ket a set? Yes No is a ket a general No No is a ket a general No No is a ket a general Yes No is a ket a general <td>Siloa in forward gear?</td> <td></td> <td>NO</td> <td>Convert</td> <td>ar lock.up</td> <td>noise?</td> <td></td> <td>Yes</td> <td></td> | Siloa in forward gear? | | NO | Convert | ar lock.up | noise? | | Yes | |
| Provide a service of clunk linb D or R7 Yes No Versition and service Yes Does and service of clunk linb D or R7 Yes No Other close? Yes Does and service of clunk linb D or R7 Yes No Diff clust? Yes Does and service of clust Law Produce No Diff clust? Yes No Des for drammitston have a fluid bas? Yes No Intervice of clust? Yes N link at at a Admit a service or sensing? Yes No Intervice of clust? Intervice of clust? N link at at a Admit a service or sensing? Yes No Intervice of clust? Intervice of clust? N link at at a Admit a service of clust? Yes No No Intervice of clust? N link at at admit a service of clust ? Yes No No N link at at admit and produce occurs? Yes No N link at at admit and produce occurs? Yes No N link at at admit and produce occurs? Yes No N link at at admit and produce occurs? Yes No N as a produce occurs? Yes No N as produce occurs? Yes No N as produce occurs? No No N as produce occurs? No <td>Silns in reverse gear?</td> <td>U Yet</td> <td>No</td> <td>Vibratio</td> <td>n while driv</td> <td>vine?</td> <td></td> <td>Yes</td> <td></td> | Silns in reverse gear? | U Yet | No | Vibratio | n while driv | vine? | | Yes | |
| Core segins stall in D or R1 Yes No Other notes? Yes Fuel Lask Problems DTCs/symptomicComments- DTCs/symptomicComments- Core segins stall in D or R1 Yes No Did lask root after classing? Yes No In lask at a sear? Yes No In lask at a o-Ning? Yes No In lask at a o-Ning? Yes No Is lask at an O-Ning? Yes No Is lask at an O-Ning? Yes No Is a transmission for Stored? (record frees difs): Yes No Transmission Indigotor inglif (ML) on? Yes No Star frammission Indigotor light (ML) on? Yes No Transmission frage from the problem occurt? Cold Normal Star frammission Ind any problem occurt? Cold Normal Star frammission frage problem occurt? Parade Cold Star frammission frage problem occurt? Parade No Star framore star frage | Harab engagement or clu | ink loto D or 82 | NO | Vibratio | n at idle? | g . | | Yes | |
| Poid Lask Problems DTCatymptomsComments DTCatymptomsComments Core the transmission have & Build tesh? Yes No No DTCatymptomsComments INTERNIES | Does engine stall in D or | R2 Ver | ONG | Other n | olse? | 1 | | 0.168 | |
| Cost Bit frammission may problem occurr? Yes No Inter set and s | | uld Leak Broblems | - NO | | | DTCallumo | omaiCom | nanta | |
| Over site during the set of general set of the set of general se | | and Leak Providine | | | | Dicasymp | tomarc on a | in diffice - | |
| No Yes No Is back at a genet? Yes No Is a faramission DC backed? (vector thread data): Yes No It faramission find stath? Yes No Yes, Farati when the problem occurs? No No It farati faratifies find faratifies find faratifies find faratifies find faratifies find faratifies find farath? Yes Yes | Did lesk recur after clean | Ing? | O No | | | | | | |
| No No Star mathemotion indicator light (ML) on? Yes Yes No Star maintoniction indicator light (ML) on? Yes Yes No Star fight fush? Yes Star fight fush? Yes Star fight fush? Yes Star fight fush? Yes Star fight fush Problem occurs? No Yes No Star fight fush Problem occurs? | is look at a seal? | The Cree | NO | | | | | | |
| Is law at a O-Ring? In a Second Secon | le leak at a gaeket? | You | No | | | | | | |
| It lak through case? Wet Dry By Read Containing Contain | le leak at an O-Ring? | C Yes | No | | | | | | |
| Lask rais? Wet Drg Barry Dignositie Dignositie Dignositie Is the mattunction indicator light (ML) on?- Yee No Data Tarbanitisation Control Contendry (record freese dial): Yee No Tyres, what is the OBDID OTO? Yee No Tarbanitisation Control Contendry (record freese dial): Yee No Tyres, what is the OBDID OTO? Control Contro Contro Control Contro Control Control Contro Control Contro Con | le leak through case? | C Yas | O No. | | | | | | |
| Diagnosis Side matinuction indicator right (ML) on? Yes No Side with D light flams?- Yes No a frammission DTC blond? (record fraces dist)- Yes No frammission Broperstark when the problem occurs? Codd Normal Het frammission DTC blond? Codes Codes Codes Codes frammission DTC blond? P R No No No frammission DTC blond? P R No No <td< td=""><td>Leak rate?</td><td>Wet Oprin</td><td>Stream</td><td></td><td></td><td></td><td></td><td></td><td></td></td<> | Leak rate? | Wet Oprin | Stream | | | | | | |
| a the mailunction indicator light (ML) on?- Over the D light (ML) on?- Vers No Set the D light (ML) on?- Vers No No No No No No No No No N | | | DI | agnosia | | | | | |
| Doat The Digits Thank?- Tark main sine Out Control Trease adapt- Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark clearing the DTC, does the area DTC resur? Tark the DTC resurce D | s the malfunction indicat | or light (MIL) on?+ | | - | O Yes | ONO | | | |
| s a transmission DTG stored? (record freeze data): Yaw, Mait is no GDDI DTC? No Yaw, Mait is no GDDI DTC? No Transmission Empirezature when the problem occur? Cold Normal Transmission Empirezature when the problem occur? Cold Normal Yaw, Repair description 7 Cold Normal Yaw, Repair description 7 Cold Normal Yaw, Repair description 7 Cold Cold Yaw, Repair description 7 Cold Cold Yaw, Repair description 7 Rev No Transmission accurr while? Driving Parsed Transmission accurr Nile? Rev No Types, Repair description 7 Rev No Types, Repair description 3 Rev No Transmission 2 Rev No No Transmission 3 Rev No< | Does the D light flash?- | | | | Van | ONO | | | |
| y yes, waits the 0.500 0TC/ that clearing the 0TC, does the same DTC recur? yes, repair description repairs (colencies, ECMIPCM, etc.)? yes, repair description? yes, repair description? bas the family privides repairs (colencies, ECMIPCM, etc.)? yes around the problem occurr? parked specifies recourd? parked sour while? Driving Parked court etc. parked when the problem occurr? parked when the problem occurr? parked source occurs? parked when the problem occurr? parked the problem occurr? parked when the problem occurr? parked the problem occur? parked the problem occurr? parked the problem oc | s a transmission DTC sto | ored? (record freeze data)- | | | () Yes | ONO | | | |
| ther clearing the DTC, does the same DTC recur? Transmission temperature when the problem occurs? Transmission temperature when the problem occurs? tyse, repair description? tyse, repair description? Des problem occur while? Des problem occur while? Particle specific when problem occurs? P R N 0 S Trottle position when problem occurs? MeH Trottle position when the problem occurs? Note the the full contaminated? Trottle position when the problem occurs? Trottle position when the problem occurs? In other problem occurs? New Trottle position when the problem occurs? In other the full contaminated? Yea No Contaminated through a pair strainer, is the fluid contaminated? New No No New New New New New New New New New Ne | f yes, what is the OBDII (| | | Ĩ | | | | | |
| Transmission kmpprzyturn wise in be problem occurr? Task the transmission had any previous repairs (sciencids, ECMIPCM, etc.)? Task the transmission had any previous repairs (sciencids, ECMIPCM, etc.)? Task the transmission had any previous repairs (sciencids, ECMIPCM, etc.)? Task the transmission had any previous repairs (sciencids, ECMIPCM, etc.)? Deak the problem occurr while? Deak the problem occurr? PR R R D S Secret the full deal occurr while? Taglion RPM kmen the problem occurr? Mery Taglion RPM kmen the problem occurr? New Taglion RPM kmen the problem occurr? Strain the nucl through a pairs transmirt; the full contaminated? Yes No | After clearing the DTC, di | ses the same DTC recur? | | 1 | O Yes | No | | | |
| Has the frame/lesion had any previous repairs (celenoids, ECMIPOK, etc.)? Yes No Tyee, repair description? Part expair description? Desp problem occur while? Desp problem occur while? Desp the problem occurs? P R N D S Partiel spad when the problem occurs? More Inplane RAW when the problem occurs? Rev More Inter Inplane RAW when the problem occurs? Rev More Inter Inplane RAW when the problem occurs? Rev More Inter Inplane RAW when the problem occurs? Rev Inter Inplane RAW when the Inter In | Transmission temperatur | e when the problem occurs | 2 | | Cold | Normal | OHO | | |
| tryse, repair description? Dess problem occur while? Does the problem occur while? Does the problem occur? P R N D S WPH Throttle position when the problem occur? Intolise | Has the transmission had | any previous repairs (sole | nolda, ECM/P | CM, etc.)? | Oyes | ONO | | | |
| Des problem occur while? Does this problem occur while? Does this problem occur while? Does this problem occur? P P R N D S S S S S S S S S S S S S S S S S S | t vea renair description? | | | I | | | | | |
| code sproblem occur write? Orking Parade code the problem occur write? Deckl. Crullee shift lever position writen problem occurs? P R N D S ahole sped when the problem occurs? MPH MPH S S intrigen RPM wineth problem occurs? MPH NC S fingen RPM wineth problem occurs? MPH NC S introd the problem occurs? Indee 14 12 34 introd the problem occurs? Velo NC Velo | ,, ropan accomptoni | | | | | | | | |
| update flag problem Courts weak Courts to Stands Courts to Courts to Stands Fight Stands Fight Stands Stands Courts to No Stands Fight Stands Courts to Stands Fight Stands No Ves No Very Dark | Does problem occur while | 87 | | | Driving | Parke | d | | |
| sant user possion when proceed occurs? P R N D S P R N | Does the problem occurs | while? | | | Accel | Decel. | Cru | 80 | |
| version spraw when any proceed occurry MPH Perform SCURY Processor SCURY Provide SCURY Processor State And Proceedings Scury Processor Scury P | snift lever position when | propiem occure? | | | P | RN | DD | S D | L |
| Engine Hwy Mines the problem occurs? RPM Throttle position when the problem occurs? Indle U14 1/2 3/4 Pu table Tird 1/2 3/4 Pu table Tird 1/2 3/4 Pu table Tird 2/2 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4 0/4 | ventcle speed when the p | robiem occurs? | | | | MPH | | | |
| Instance personal wave to approve Docurer 7 Tele 14 1/2 3/4 Pe Stain the fluid through a paint strainer; is the fluid contaminated? Searche the fluid color Onormai Oper Over Dark Overy Dark | Engine RPM when the pro | beem doours? | | [| | RPM | | | |
| Secribe the fluid color- Overy Dark | througe position when th | e problem occure? | onteminate de | | Idle | 1/4 | 1/2 | 3/4 Fi | 111 |
| UNormal O Dark O Very Dark | pagariba iba fiuld color. | paint etrainer, is the fiuld o | on aminaded? | | U Yes | O No | | L | |
| Does the trailer hitch receiver (inside) look like the vehicle is used for | Does the trailer hitch reci | elver (Inside) look like the v | ehicle is used | for | Normal | Dark | Ver | y Dark | |
| owing? Yes No | towing? | | | | Yes | No | | | |

Once the CVT order & three images have been received your order will be reviewed by RPO. Additional requests and images may be required by RPO before release of the CVT.

REQUIRED MATERIALS

| Materials | Part Number | Quantity |
|---|---|----------------|
| Honda HCF-2 Continuously Variable Transmission Fluid (55-gallon drum) | 08200-9020 | 8 quarts (AWD) |
| Honda HCF-2 Continuously Variable Transmission Fluid (1-quart bottle) | le Transmission Fluid 08200-HCF2 7 quarts (FWD) | |
| Disposable Paint Strainer (pack of 250) or Commercially equivalent (fixes 250 vehicles) | PMICSM6 | 1 |

WARRANTY CLAIM INFORMATION

NOTE:

- Check the powertrain and emissions table on the iN to verify the applicable coverage.
- Use the information shown below:
 - If within 5 years / 60,000 miles, use normal Powertrain coverage in the flat rate manual.
 - If over 5 years / 60,000 miles, but within 8 years / 80,000 miles, use the operation number below for the emissions warranty coverage.
 - If over 5 years / 80,000 miles, but within 7 years / 150,000 miles, use the operation number below for the warranty extension coverage.

| Powertrain and Emissions Warranty Coverage Inquiry | | | | | | | |
|--|-----------------------|--------------------|---------------------------------------|-------------------------------------|--|--|--|
| | | | | | | | |
| Identification VAT0031 | | | | | | | |
| | Inquiry Information | | | | | | |
| VIN | | Custon | ner State CA - California | | | | |
| Descrip | otion HR-V 5DR 2WD EX | Year 2016 Model | RU5H5GJW | Emission Type KA | | | |
| | | | | | | | |
| Item | Part Number | Description | Powertrain Warranty (Months/Miles) | Emission Warranty (Months/Miles) | | | |
| 1 | 20031-52P-A02 | TRANSMISSION (DOT) | 60/ 60,000 | 96/ 80,000 | | | |

Use the information below if the warranty information is covered by the emissions warranty of 8 years or 80,000 miles.

| Operation Number | Description | Flat Rate Time | Defect Code | Symptom Code | Template ID | Failed Part Number |
|---------------------|--|-------------------|----------------|-----------------|-------------|--------------------|
| 2181CU | 2016-20 2WD Replace Transmission 8/80 Emissions Warranty (Includes DTC clear, alignment & VSA sensor learn) | 5.4 hr. | 00504 | 03214 | A21047A | 20031-52N-A02 |
| | 2016-18 AWD Replace Transmission 8/80 Emissions Warranty (Includes DTC clear, alignment & VSA sensor learn) | 5.8 hr. | | | A21047B | 20031-52P-A02 |
| | 2019-20 AWD Replace Transmission 8/80 Emissions Warranty (Includes DTC clear, alignment & VSA sensor learn) | | | | A21047C | 20031-52P-A70 |

Use the information below if the warranty information is covered for 7 years or 150,000 miles.

| Operation Number | Description | Flat Rate Time | Defect Code | Symptom Code | Template ID | Failed Part Number |
|---------------------|---|-------------------|----------------|-----------------|-------------|--------------------|
| 2181CT | 2016-20 2WD Replace Transmission 7/150 Warranty Extension (Includes DTC clear, alignment & VSA sensor learn) | 5.4 hr. | 6M900 | JAT00 | A21047D | 20031-52N-A02 |
| | 2016-18 AWD Replace Transmission 7/150 Warranty Extension (Includes DTC clear, alignment & VSA sensor learn) | | | | A21047E | 20031-52P-A02 |
| | 2019-20 AWD Replace Transmission 7/150 Warranty Extension (Includes DTC clear, alignment & VSA sensor learn) | ο.8 nr. | | | A21047F | 20031-52P-A70 |

Skill Level: Repair Technician

INSPECTION PROCEDURE AND CONFIRMATION OF FAILED CVT

The transmission inspection utilizes a special magnet to detect any metal fragments that may have been shed from the CVT belt. These fragments will collect in the oil pan. The inspection is done by placing a clear template on the CVT oil pan. Refer to service bulletin 21-046, *Product Update: 2016-20 HR-V Software Update and CVT Inspection*.

If the PCM was updated and the CVT failed the magnet inspection on service bulletin 21-046, *Product Update: 2016-20 HR-V Software Update and CVT Inspection*, contact Tech Line to order a replacement transmission. You will need to have the following information:

- Provide a clear picture of the magnet sticking on the CVT oil pan at the inspection area (this picture should have been taken during the CVT magnet inspection).
- Drain the CVT fluid through a paint strainer as shown below. Provide a clear picture of the inside of the strainer showing any contamination.
- Provide a clear picture of the magnet on the end of the oil pan drain plug.

REPAIR PROCEDURE

1. Remove wiper arms and cowl cover.



2. Remove the left and right front fender covers.





3. Remove the hood rear seal.

HOOD REAR SEAL



4. Remove the cowl cover.



5. Remove the dashboard upper lid.



6. If necessary, remove the dashboard upper lid insulator.



7. Remove the front grille cover.



8. Remove the air intake duct.



AIR INTAKE DUCT Remove. 9. Remove the air cleaner.





- 10. Disconnect and remove the 12-volt battery. Refer to the service information.
- 11. Remove the bolts and disconnect the connectors.



BOLTS (3)

12. Remove the lock pin, control pin, shift cable bracket, shift cable, and engine wire harness.

NOTE: Do not bend the shift cable excessively.



13. Remove the engine cover, harness cover bolts, harness bracket, harness holder, disconnect the connectors.



14. Remove the bolts, clamps, and move the harness holder, then remove the bracket.



15. Attach the universal lifting eyelet to the cylinder head.



16. Install the engine support hanger, then attach the hook to the slotted hole in the universal lifting eyelet. Tighten the wing nut by hand and support the engine/transmission.

NOTE: Be careful when working around the windshield.



17. Remove the ground cable and the transmission mount.



- 18. Raise up the vehicle and drain the transmission fluid. Refer to the service information.
- 19. Remove the front wheels. Refer to the service information.

20. Set the steering column to the center tilt position and to the center telescopic position. Center the steering wheel spoke angle and install a steering wheel holder.



21. Remove the steering joint cover.



22. Hold the spline shaft on the column with a piece of wire between the joint yoke of the spline and the joint yoke of the spline tube to prevent the lower spline shaft from coming out.



23. Remove the steering joint bolt.



24. Disconnect the steering joint from the pinon shaft.



25. Remove the center guide (if equipped) and discard it.



26. Remove the flange bolt and self-locking nuts, then disconnect the lower arm from the lower arm ball joint.

NOTE:

- Use new self-locking nuts and the flange bolt during reassembly.
- Tighten the self-locking nuts and the flange bolt in the sequence shown.



27. Remove the self-locking nut and the flange nut while holding the joint pin with a hex wrench and remove the stabilizer link.



28. Disconnect the connector and remove the secondary HO2S. SECONDARY HO2S



29. Remove the under-floor TWC and the gaskets.



30. Lift and support the engine with a transmission jack and a wood block under the oil pan and remove the torque rod.



31. Remove the torque rod bracket as needed.



32. Attach a wood block (A) to the lower center of the front subframe, attach a transmission jack (C) to the center of the wood block. Support the front subframe securely by raising the transmission jack, remove the front subframe mounting bolts (D) and the subframe rear stay mounting bolts (E).



- 33. Lower the jack slowly until the subframe of the body has dropped about **30 mm**.
 - NOTE: Do not lower the subframe more then required.



34. Remove the steering gearbox stays and remove the gearbox washer.



STEERING GEARBOX STAY

35. Remove the pinon shaft grommet.



- 36. Disconnect the connectors and remove the harness clamp.
 - NOTE: To prevent damage, cover the solenoid wire harness connector using a shop towel.



37. Disconnect the connector.



For 2WD models, go to step 46. For AWD models, continue to the next step. 38. Remove the front floor undercover.

NOTE: The retainer clips stay in the front floor under cover.



39. Remove the front fuel tank guard.



40. Remove the canister guard.



41. Remove the front center member.



42. Remove the propeller shaft protector.



43. Make a reference mark across the No. 1 propeller shaft, transfer the companion flange, then remove the No. 1 propeller shaft flange bolts.



44. Make a reference mark across the No. 2 propeller shaft, the rear differential companion flange, then remove the No. 2 propeller shaft flange bolts.



45. Remove the center support bearing mounting bolts.



46. Remove the torque converter cover.



47. Remove the 8 torque converter bolts.



48. Disconnect the left driveshaft inboard joint and secure the driveshafts to the body with straps.

LEFT DRIVESHAFT



49. Disconnect the right driveshaft inboard joint and secure the driveshaft to the body with straps.

RIGHT DRIVESHAFT



50. Remove the intermediate shaft bolts.



51. Remove the intermediate shaft.

NOTE: Hold the intermediate shaft horizontal until it is clear of the differential to prevent damaging the oil seal.



52. Check that the transmission is free of hoses and electrical wiring, lower the transmission by loosening the wing nut of the engine support hanger and tilt the engine just enough for the transmission to clear its end from the side frame. Slide the transmission away from the engine, then remove the transmission from the vehicle.

NOTE: Be careful not to drop the torque converter.

53. Install the new CVT with the new torque converter installed.

NOTE: It is very important to use the new transmission warmer that comes with the CVT instead of re-using the old one to avoid contaminating the new CVT.

- 54. Install all removed parts in the reverse order of removal.
- 55. Fill the CVT with fluid. Refer to the service information.
- 56. Do a wheel alignment. Refer to the service information.
- 57. Do a VSA sensor neutral position memorization.

END