

July 3, 2018

Version 1

Engine Stalls In Reverse Shortly After Cold Start (On-Board Snapshot Required)

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2015	CR-V	ALL	ALL
2016	CR-V	2WD	5J6RM3H...GL000001 thru 5J6RM3H...GL013389
2016	CR-V	AWD	5J6RM4H...GL000001 thru 5J6RM4H...GL068776
2016	CR-V	2WD	2HKRM3H...GH000001 thru 2HKRM3H...GH540639
2016	CR-V	AWD	2HKRM4H...GH000001 thru 2HKRM4H...GH652093
2016	CR-V	2WD	3CZRM3H...GG000001 thru 3CZRM3H...GG708940

SYMPTOM

When cold-starting the engine and shifting to Reverse, the engine stalls in the first 10 to 14 seconds.

POSSIBLE CAUSE

There is too much oil clearance between the input and stator shafts, which allows ATF to drain out of torque converter during extend off periods. During a cold start, when the torque converter is refilled, air gets trapped in the torque converter. This applies the lock up clutch, which stalls the engine.

CORRECTIVE ACTION

If the vehicle stalled, there will be a PGM-FI on-board snapshot. Follow the INSPECTION PROCEDURE to retrieve and analyze the snapshot. Replace the transmission if required.

NOTE

You must submit the on-board snapshot to Tech Line, you do not need to call them. If you do not submit one, your transmission order may be rejected and/or your warranty claim subject to debit.

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.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2185D8	For 2WD - Replace the transmission. This includes on-board snapshot diagnosis, alignment, neutral position memorization, and steering angle sensor neutral position clear.	7.3 hrs	07403	09303	A18072A	06200-5LK-A05
2185D9	For AWD - Replace the transmission. This includes on-board snapshot diagnosis, alignment, neutral position memorization, and steering angle sensor neutral position clear.	7.7 hrs	07403	09303	A18072B	06200-5LJ-A05

Skill Level: Repair Technician

PARTS INFORMATION

Part Name	Order Part Number	Quantity
CVT Transmission 2WD	06200-5LK-A05RM	1
CVT Transmission AWD	06200-5LJ-A05RM	1
Prop Shaft Bolt (12-Point 8 x 12 mm) (AWD Only)	90113-S10-000	4
Flange Nut (12 mm)	90371-SAA-010	2
Flange Bolt (12 x 40 mm)	90164-S5A-010	1
Flange Bolt (12x 40 mm)	90165-T0A-A00	2
Flange Bolt (12 x 35 mm)	90164-T0A-A00	1
Flange Bolt (8 x 14 mm) (AWD Only)	95701-08014-08	2
Exhaust Pipe Gasket	18212-T2F-A01	1
Exhaust Pipe Gasket	18302-SP0-003	1
Pre-Chamber Gasket (57.5 - 58.5 mm)	18393-SS0-J30	1
Self-Lock Nut (8 mm) (CLINCH)	90115-659-003	2
Self-locking Nut (10 mm)	90212-SA5-003	6
Self-locking Nut (12 mm) (CLINCH) (SATO RASHI)	90215-SB0-003	4

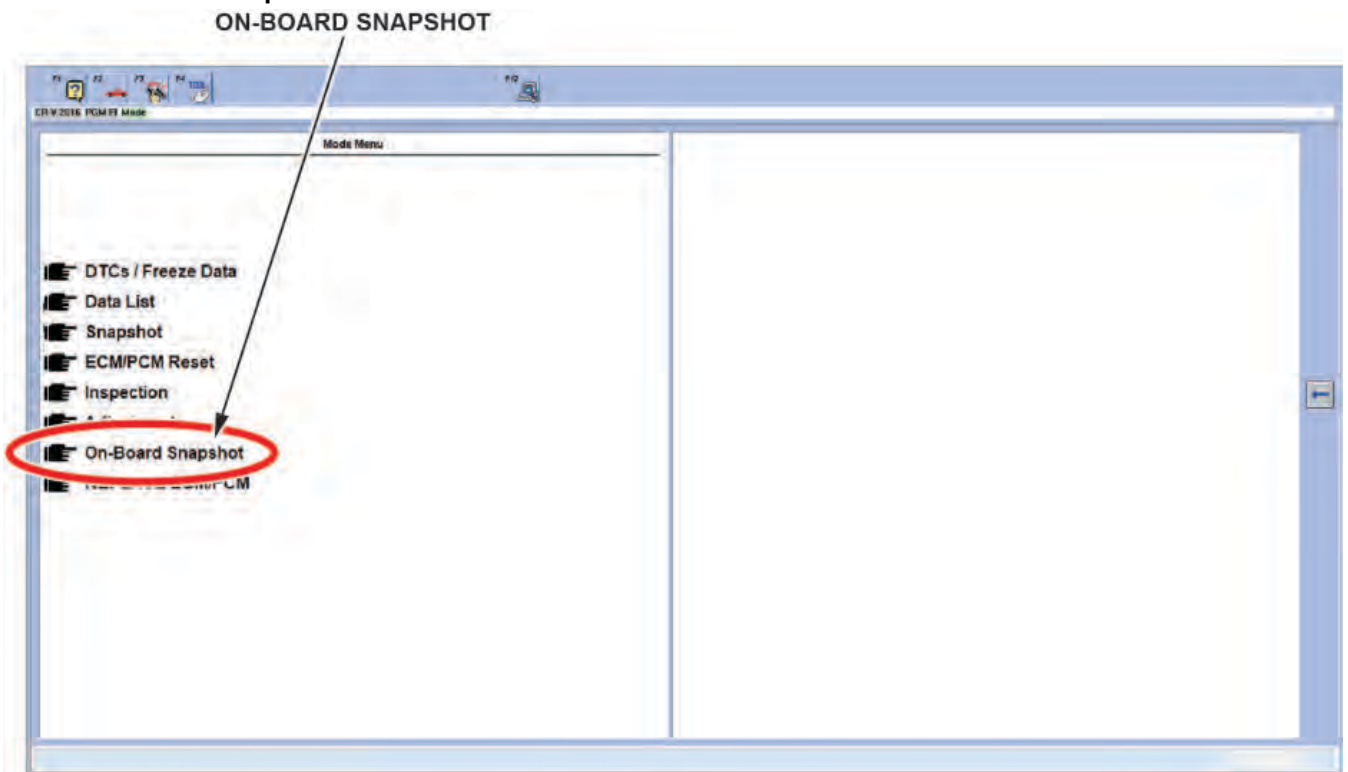
Part Name	Order Part Number	Quantity
Flange Bolt (12 x 18 mm)	90018-SNA-010	2
Set Ring (28 x 2.0 mm)	44319-S84-300	1
Split Pin (3.0 x 22 mm)	94201-30220	2
Flange Bolt (12 x 38 mm)	90162-SYP-000	2
Flange Bolt (12 x 88 mm)	90167-S5A-010	1
Flange Bolt (12 x 25 mm)	90182-S2H-000	2
Flange Bolt (14 x 135 mm)	90176-SDA-A00	4
Flange Bolt (14 x 80 mm)	90163-SWE-T00	2
Flange Nut (12 mm)	94050-12080	4

REQUIRED MATERIALS

Part Name	Part Number	Quantity
Honda Genuine HCF-2	08200-HCF2	6

INSPECTION PROCEDURE

1. Connect the i-HDS. Select **PGM-FI**, then **Mode Menu**.
2. Select **On-Board Snapshot**.

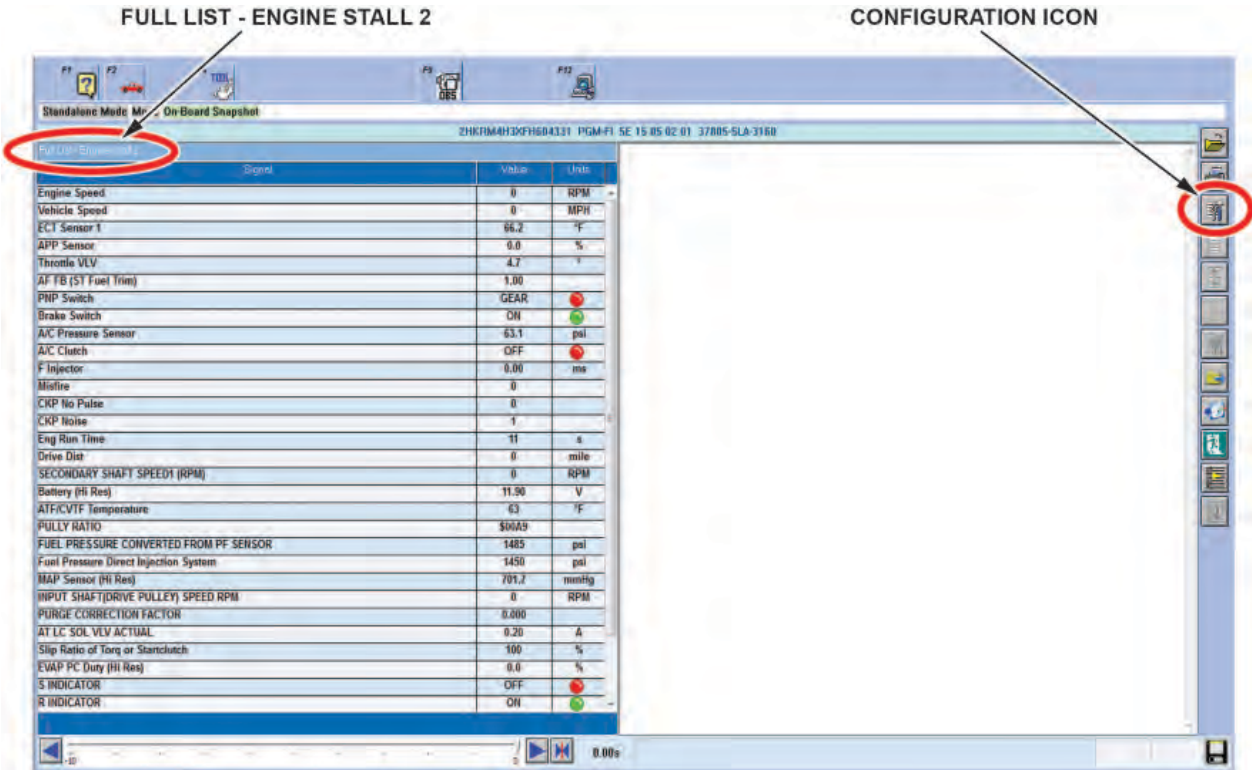


3. Download the on-board snapshot. There may be several files. Find the one titled **Full List-Engine stall 2**.

NOTE

If there is no snapshot, this service bulletin does not apply. Continue with normal system troubleshooting .

4. Select the Configuration icon.



5. Select the following parameters, then select the Line Graph icon.

- Engine Speed
- Vehicle Speed
- PNP Switch
- ECT Sensor 1
- Brake Switch
- ATF/CVTF Temperature
- Eng Run Time
- AT LC SOL VLV ACTUAL

1. ENGINE SPEED
2. VEHICLE SPEED
3. ECT SENSOR 1
4. PNP SWITCH
5. BRAKE SWITCH
6. ENGINE RUN TIME
7. ATF/CVTF TEMPERATURE
8. AT LC SOL VLV ACTUAL

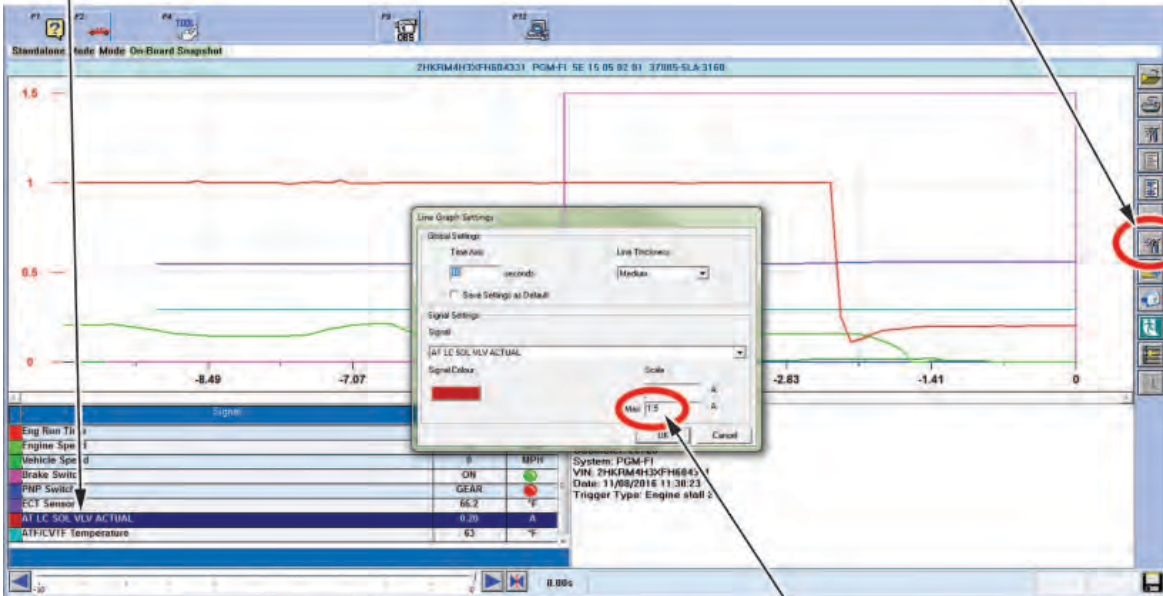
Select Line Graph icon.

Signal	Auto	Bar	Line
Engine Speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Vehicle Speed	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
ECT Sensor 1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
APP Sensor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Throttle VLV	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AF FB (ST Fuel Trim)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PNP Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Brake Switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
A/C Pressure Sensor	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
A/C Clutch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F Injector	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Misfire	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CKP No Pulse	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
CKP Noise	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Eng Run Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Drive Dist	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SECONDARY SHAFT SPEED(T RPM)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Battery (Hi Res)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ATF/CVTF Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PULLY RATIO	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FUEL PRESSURE CONVERTED FROM PF SENSOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Fuel Pressure Direct Injection System	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MAP Sensor (Hi Res)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
INPUT SHAFT(DRIVE PULLEY) SPEED RPM	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PURGE CORRECTION FACTOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AT LC SOL VLV ACTUAL	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Slip Ratio of Yorg or Startclutch	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EVAP PC Duty (Hi Res)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
S INDICATOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
R INDICATOR	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

6. Select the **AT LC SOL VLV ACTUAL** signal, then the Line Graph Set Up icon.
7. Change the Max scale to **1.5**, then select **OK**.

1 Select the AT LC SOL VLV ACTUAL signal.

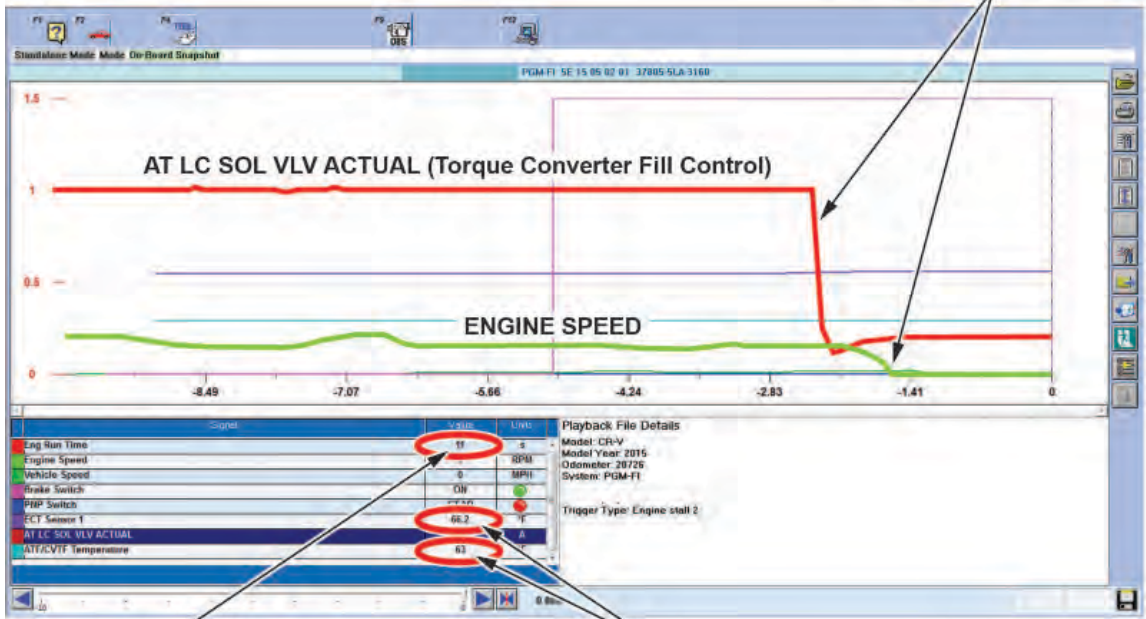
2 Select Line Graph Set Up Icon.



3 Change Max Scale to 1.5.

8. Compare your snapshot to the one below.

Engine stalls shortly after the torque converter fill control shuts off.



Engine run time will be between 10-14 seconds.

ECT Sensor 1 and ATF/CVTF Temperature Values should be almost the same.

NOTES

- **ECT Sensor 1** and **ATF/CVTF Temperature** should be almost the same and under **180°F**.
- The transmission will be in gear.
- **Eng Run Time** should be between **10 and 14 seconds**.
- Engine stall will happen right after the torque converter fill control shuts off.
- If your snapshot compares to the sample, send your snapshot to Tech Line using the RO number. Then, go to REPAIR PROCEDURE.
- If your snapshot does not compare, this service bulletin does not apply. Continue with normal system troubleshooting.

NOTE

You do not need to call Tech Line. Send the on-board snapshot to Tech Line. If there is no snapshot, the transmission order can be rejected and/or the warranty claim may be subject to debit.

REPAIR PROCEDURE

NOTE

In accordance with the Service Operations Manual, DPSM authorization is required for transmission replacements.

1. Replace the transmission. Refer to the service information.
2. Fill the transmission with Honda Genuine HCF-2 transmission fluid.
3. Do the Neutral Position Memorization procedure and the Steering Angle Sensor Neutral Position Clear procedure. Then, do a four wheel alignment on the vehicle.

Model/ Trim	Fluid Volume
CR-V 2WD	5.3 quarts (5.0 L)
CR-V AWD	6 quarts (5.7 L)

NOTE

Fill the transmission with only Honda Genuine HCF-2 transmission fluid. If you use the wrong fluid or do not fill the transmission to the proper level, the CVT will work poorly and may fail again.

END