Service Bulletin

American Honda Motor Co., Inc.

SAFETY RECALL

2010–2013 VFR1200F/FD DRIVE SHAFT REPLACEMENT

Honda is launching a Safety Recall of 2010–2013 VFR1200F/FD motorcycles for a potentially defective drive shaft. The drive shaft universal joint may break or seize, which can result in a loss of drive force or a locked rear wheel.

An updated drive shaft is available to correct this condition.

Safety Consequence
Loss of drive force or a locked rear wheel increases the risk of a crash.

CUSTOMER NOTIFICATION

Honda will mail a letter to all owners of affected motorcycles informing them that their motorcycle is being recalled for a safety related defect. The customer will be made aware of the safety risk and advised to have a Honda dealer replace the drive shaft.

For your reference, copies of the applicable Customer Letters are reproduced on Page 7 of this Service Bulletin.

AFFECTED UNITS

2010 VFR1200F/FD All units
2012 VFR1200F/FD All units
2013 VFR1200F/FD All units

DEALER INVENTORY

Do not sell any un-repaired units.
According to federal law, any affected units in your new inventory cannot be sold or leased until they are repaired with a replacement driveshaft, and Honda policy prohibits the sale of new or used un-repaired units.

To search for applicable recalls on a specific unit, refer to *Unit Information* on ***iN***.

To manage your affected inventory, use e*Responsibility Report* on ***iN***

REPAIR VERIFICATION

Before you begin the repair procedure, check if the repair has been performed on the unit. See the IDENTIFICATION section of this Service Bulletin for details.

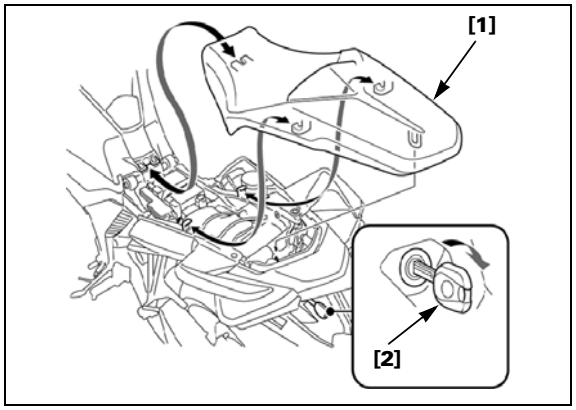
- If there is a punch mark:
  - No further action is necessary
- If there is no punch mark:
  - You must proceed with the REPAIR PROCEDURE section of this Service Bulletin.

REPAIR PROCEDURE

DRIVE SHAFT REMOVAL

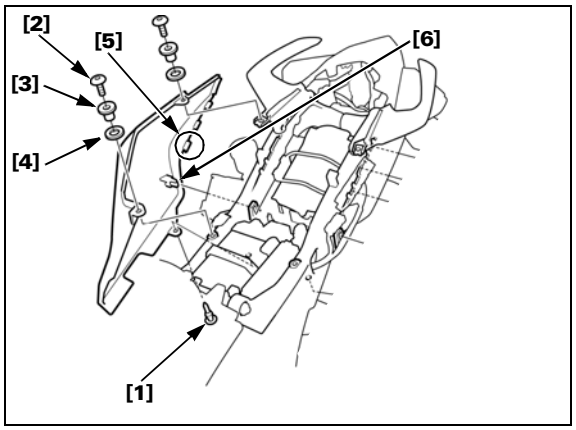
1. Unlock the seat [1] using the ignition key [2].

   Pull the seat back and remove it.

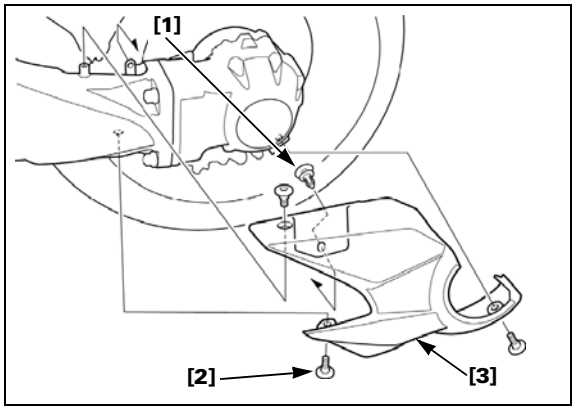


2. Remove the clip [1], special screws [2], collars [3], and rubber washers [4].

   Release the hooks [5], tabs [6] and remove the right rear cowl only [7].



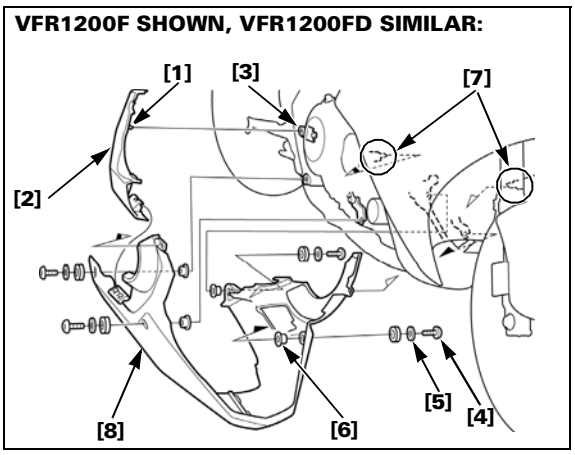
3. Remove the trim clip [1] and special bolts [2], then remove the final gear cover [3].



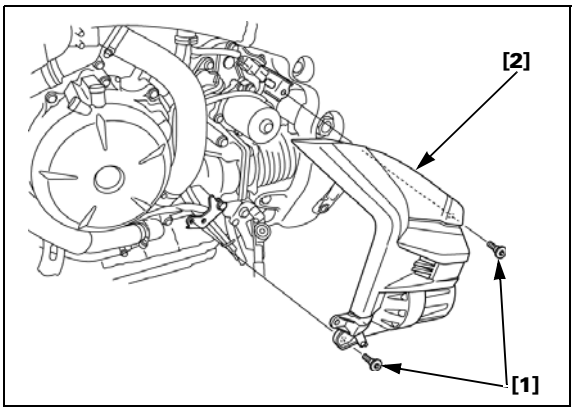
4. Release the boss [1] on the engine heat guard [2] from the engine heat guard stay grommet [3] and remove the engine heat guard.

   Remove the special bolts [4], washers [5] and collars [6].

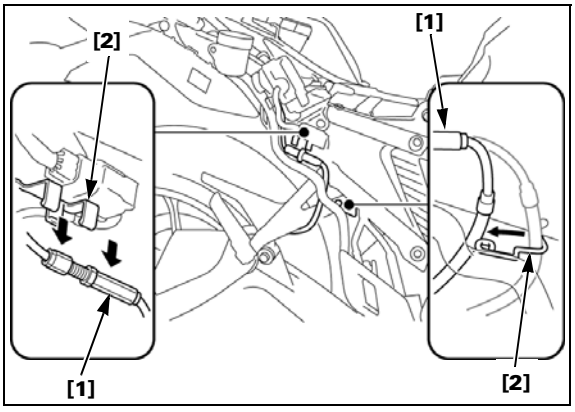
   Release the hooks [7] on the middle cowls from the under cowl [8] and remove the under cowl.



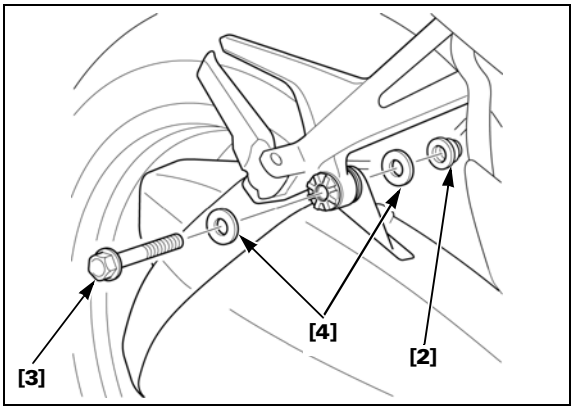
5. Remove the bolts [1] and side gear case cover [2].



6. Release the EGCA cable [1] from the cable guides [2].



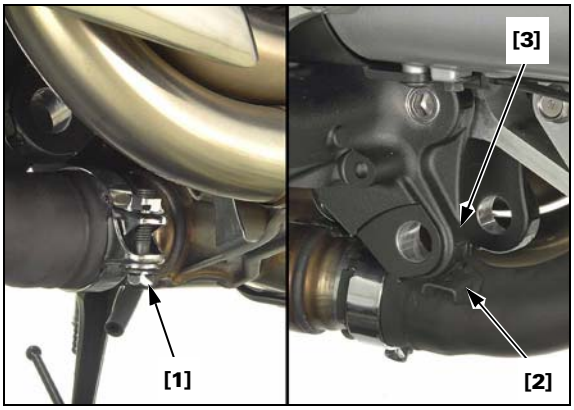
7. Remove the muffler bracket mounting nut [2], bolt [3] and washers [4].



8. Loosen the muffler band bolt [1].

   Swing the muffler outward until the muffler stopper [2] contacts the frame [3].

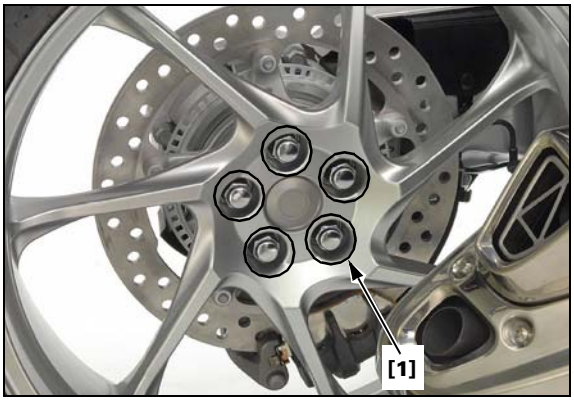
   TORQUE: 17 N·m (1.7 kgf·m, 13 lbf·ft)



9. Support the motorcycle securely and raise the rear wheel off the ground.

   Remove the wheel nuts [1] and rear wheel.

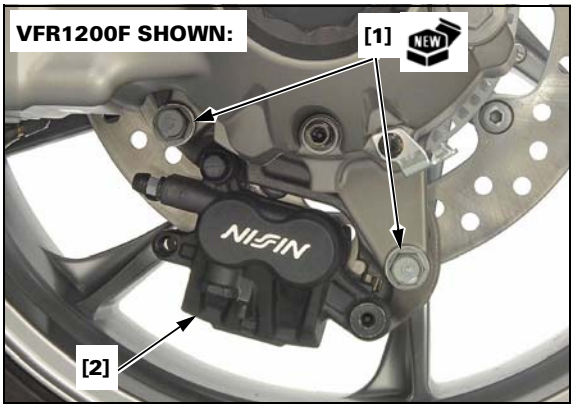
   TORQUE: 108 N·m (11.0 kgf·m, 80 lbf·ft)



10. Remove the mounting bolts [1] and caliper assembly [2].

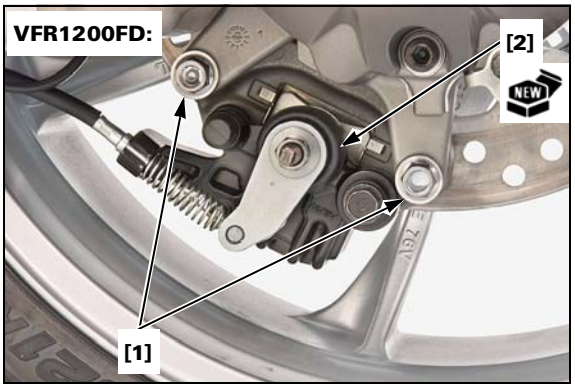
    Suspend the caliper assembly [3] from the left passenger peg bracket with mechanic's wire.

    TORQUE: 45 N·m (4.6 kgf·m, 33 lbf·ft)



VFR1200FD: Remove the mounting bolts [1] and parking brake caliper [2].

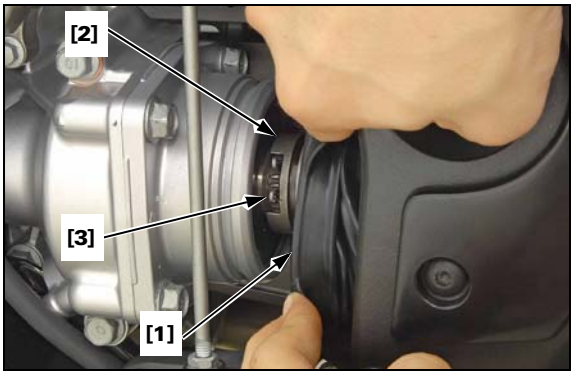
TORQUE: 31 N·m (3.2 kgf·m, 23 lbf·ft)



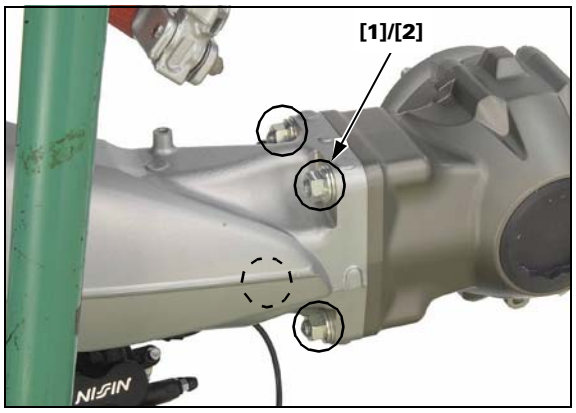
11. Open the drive shaft boot [1].

    Rotate the drive shaft [2] slowly until the snap ring [3] appears as shown.

    Remove the snap ring from the output shaft groove and slide the drive shaft rearward.

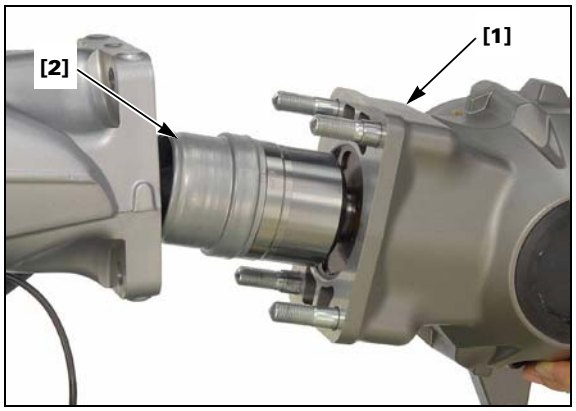


12. Remove the final gear case assembly mounting nuts [1] and washers [2].



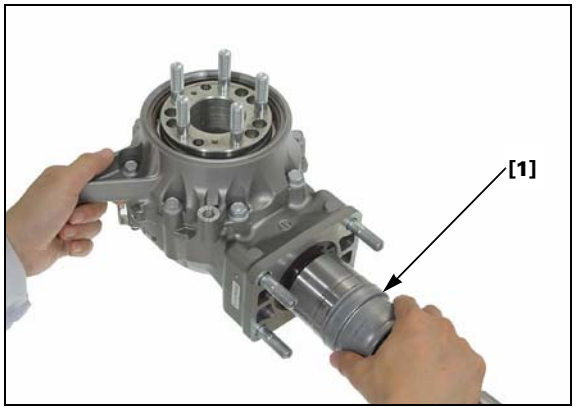
13. Pull the final gear case assembly [1] out of the swingarm gently.

NOTE:
Be careful not to tear the constant velocity joint boot [2].



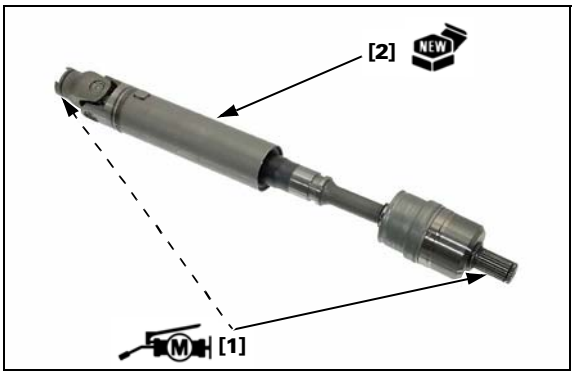
14. Remove the drive shaft assembly from the final gear case by gently turning the constant velocity joint [1] and pulling it.

Save the drive shaft per Honda Warranty Policy.

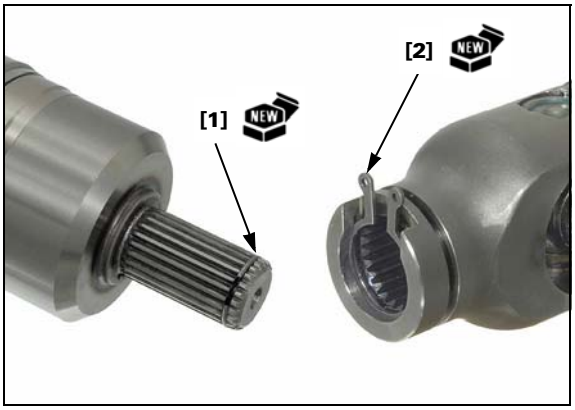


NEW DRIVE SHAFT INSTALLATION

15. Apply molybdenum disulfide grease to the splines [1] of the new drive shaft assembly [2].



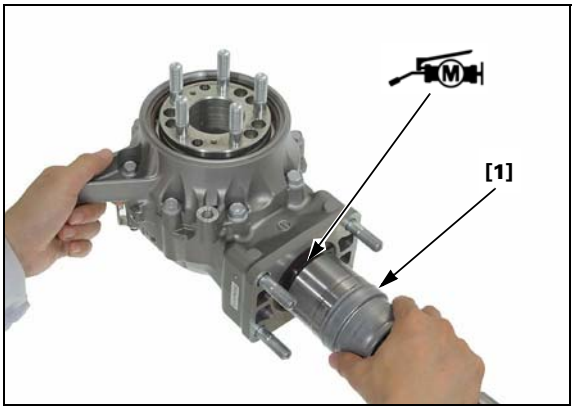
16. Install a new stopper ring [1] and new snap ring [2] to the new drive shaft assembly.



17. Apply 1.0 – 1.5 g (0.04 – 0.05 oz) of molybdenum disulfide grease to the pinion shaft splines.

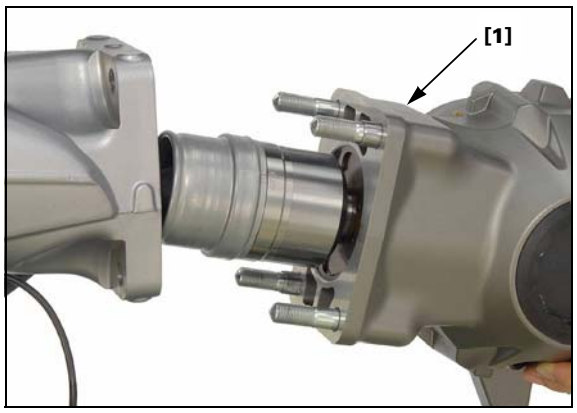
Install the drive shaft assembly [1] into the pinion shaft until the stopper ring seats in the pinion shaft spline groove.

Make sure the stopper ring is seated properly by pulling on the drive shaft lightly.



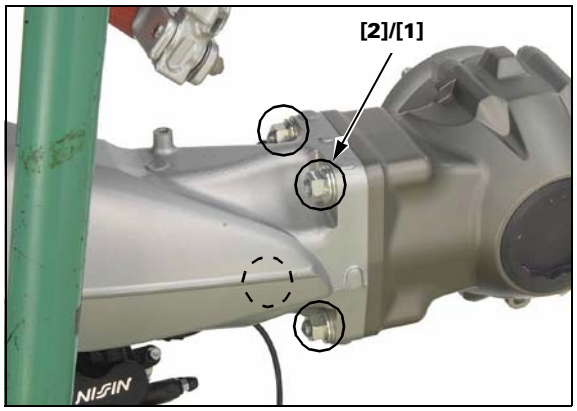
18. Apply grease to the splines of output shaft.

    Insert the final drive assembly [1] into the swingarm and align the drive shaft splines with the output shaft splines.



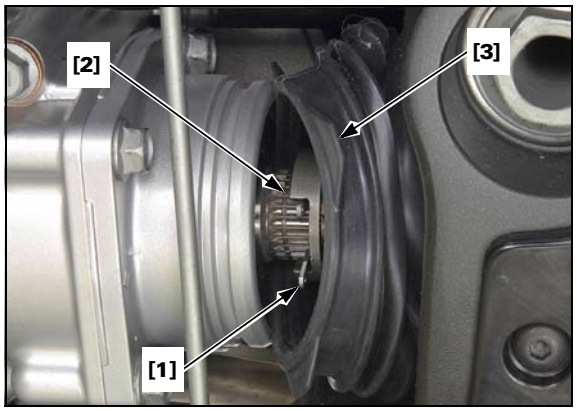
19. Install the final gear case assembly mounting washers [1] and nuts [2] and tighten them to the specified torque in a crisscross pattern in several steps.

    TORQUE:
    88 N·m (9.0 kgf·m, 65 lbf·ft)



20. Set the snap ring [1] into the output shaft groove [2] securely.

    Install the drive shaft boot [3] securely.



REINSTALL THE REMOVED PARTS

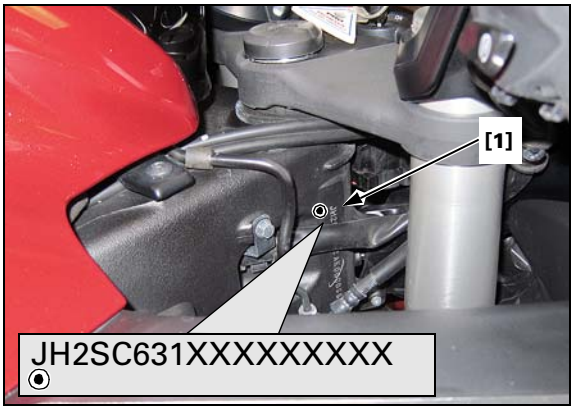
21. Reinstall the removed motorcycle parts in the reverse order of removal.

    Use new hardware where indicated.

    Apply the indicated torque values during reassembly.

IDENTIFICATION

After you have completed the REPAIR PROCEDURE, apply a punch mark *below the first character of the frame serial number* [1], located on the right side of the steering head pipe, as shown.



CLAIM INFORMATION

This Safety Recall will be in effect indefinitely for the symptoms described on page 1 of this Service Bulletin, regardless of the date of vehicle purchase.

Normal warranty claim submission requirements apply. After completing the Service Bulletin repair procedure, submit one warranty claim per unit with the following information:

TEMPLATES

VFR1200F: JW2A
Flat Rate Time: 1.0 hours

VFR1200FD: JW2B
Flat Rate Time: 1.2 hours

PARTS INFORMATION

REQUIRED PARTS

Initially, parts supply will be limited and only available through TechLine. If repair parts are unavailable at the time a customer requests a recall repair, an inspection procedure is available to determine if the customer's motorcycle can be ridden for a short time until repair parts become available.

Contact TechLine to order parts.

Shaft Assy. Kit, Propeller
P/N 06400-MGE-306

Contents:

Drive shaft assy.	(1)
Set ring	(1)
Flange bolt, 8 x 40 mm (VFR1200FD: Parking brake caliper)	(2)
Flat screw, 6 x 16 mm (not used)	(2)
Flange bolt 10 x 45 mm	(2)
Circlip, special 26 mm	(1)

DEALER SUPPORT

TECHNICAL QUESTIONS

If you have any technical questions relating to repair procedures or parts information, please contact:

Motorcycle TechLine Online:

iN > Service > TechLine > TechLine Connect

Or call (800) 421-1900, option 9

WARRANTY QUESTIONS

If you have any warranty administration questions relating to warranty claim templates, repair verification discrepancies, and claim filing procedures, please call:

Motorcycle Warranty, (800) 421-1900, option 7

TEXT OF CUSTOMER LETTER

TEXT OF CUSTOMER LETTER IS FORTHCOMING