



Model Group	Model Code	Model Year
CIVIC	FC1 / FC6	2016-2019
CIVIC	FK4 / FK5	2017-2019
CR-V	RW1	2018-2019
CR-V	RW2	2018-2019
CR-V	RW3	2018-2019

Authorized by Honda Australia Pty Ltd – Ownership Experience Division – Technical Department

Issued 14th April 2022

WARRANTY EXTENSION: ABNORMAL NOISE FROM STEERING WHILE TURNING (6G1)

Symptom

Customer reports an abnormal noise when turning steering.

Causes

Investigations found that abnormal noise could be attributed to an insufficient cleaning process that contaminated the lubricating grease of the worm and pinion gear set, leading to the gradual degradation of the grease and noise being generated when steering was turned.

Countermeasure

Manufacturing now includes a controlled inspection to the cleaning process of parts from the manufacturing plant.

Market Treatment

Please replace with the KIT parts (06530) only.

*Kit parts consists of EPS G/BOX ASSY, without the EPS motor and normal replacement parts like bolt/gasket.

The EPS motor from the vehicle must be reused.

Parts Information

The connection between SERVICE parts and KIT parts by Model Code is shown below

Model Code	Service P/No	KIT P/No
FC6	53620TEAZ02	06530TEA306
FC6	53620TEAZ12	06530TEA306
FC6	53620TECN02	06530TEA307
FC6	53620TECP02	06530TEA305
FC6	53620TECQ02	06530TEA307
FC6	53620TECQ12	06530TEA307
FC6	53620TEHP02	06530TEA307
FC1	53620TEDP02	06530TED305
FC1	53620TEDQ02	06530TED307
FC1	53620TEDQ12	06530TED307
FC1	53620TEDU02	06530TED307
FC1	53620TEDZ02	06530TED306
FC1	53620TEJP02	06530TED307
FK5	53620TGJQ01	06530TEA307
FK4	53620TGKQ01	06530TED307
FK4	53620TGKQ11	06530TED307
FK4	53620TGKZ01	06530TED306



Remark: KIT parts (*) must be selected properly by Model Code.

Model Code	Service P/No	KIT P/No
RW2	53620TMCQ13	06530TMC306
RW2	53620TMCU03	06530TMC306
RW2	53620TMCU13	06530TMC306
RW3	53620TMDQ03	*06530TMH306
RW1	53620TMDQ03	*06530TMD306
RW3	53620TMDU03	*06530TMH306
RW1	53620TMDU03	*06530TMD306
RW3	53620TMHP03	*06530TMH305
RW1	53620TMHP03	*06530TMD305
RW3	53620TMMF13	*06530TMH305
RW1	53620TMMF13	*06530TMD305
RW1	53620TMMF23	06530TMD305
RW1	53620TMMM13	06530TMD306

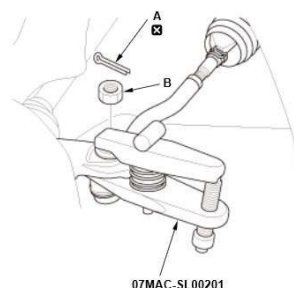
Repair Method

Repair operation to replace the EPS G/BOX ASSY. Is basically the same as in Marisll.

For KIT parts, EPS motor remove/reinstall process must be added to reuse the EPS motor.

For CIVIC Model:

1. Set the steering column to the center tilt position, and to the center telescopic position.
2. Vehicle Lift.
3. Front Wheel Remove.
4. Steering Joint Disconnect.
5. Tie-Rod End Ball Joint - Disconnect
(Both sides).



Except Type-R

1. Remove the cotter pin (A).
2. Remove the nut (B).

6. Engine Undercover – Remove.
7. Connector (EPS Sub harness) – Disconnect.

HONDA**Technical Information**

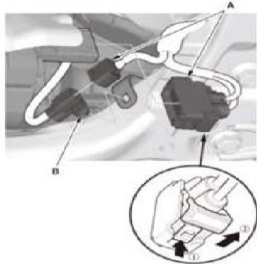
Asian Honda Motor Co.,Ltd

ASH-TI420210060



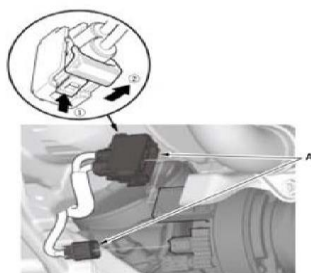
STEERING

LHD model

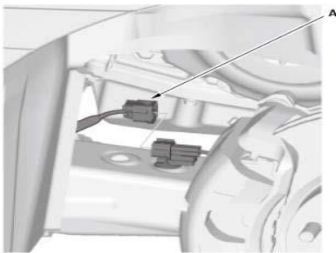


1. Disconnect the connectors (A).
2. LHD model. Remove the harness clip (B).

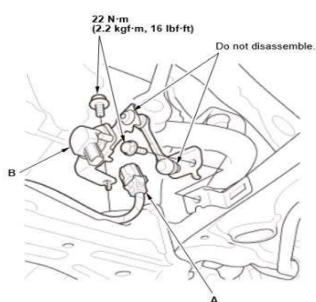
RHD model



8. Connector (Front Suspension Stroke Sensor Sub harness) – Disconnect (With Headlight Leveling System or Adaptive Damper System).



9. Front Suspension Stroke Sensor – Remove (With Headlight Leveling System or Adaptive Damper System).

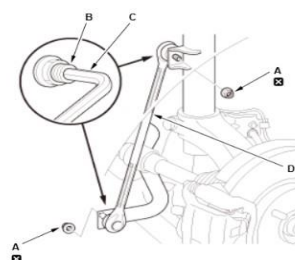


1. Disconnect the connector (A).
2. Remove the front suspension stroke sensor (B).

22 N·m
(2.2 kgf·m, 16 lbf·ft)

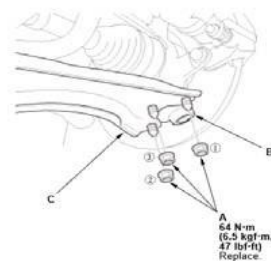
Do not disassemble.

10. Stabilizer Link – Disconnect.



1. Remove the flange nuts (A) while holding the respective joint pin (B) with a hex wrench (C).
2. Remove the stabilizer link (D).

11. Lower Arm Ball Joint – Disconnect (Both Sides).



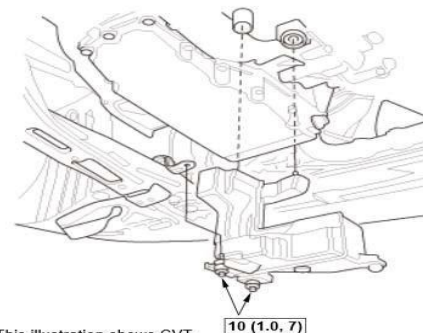
1. Remove the flange nuts (A).

NOTE: During installation, note these items:

- Use the new flange nuts.
- Tighten the flange nuts in the sequence shown.

2. Disconnect the lower ball joint (B) from the lower arm (C).

12. Intake Air Resonator – Remove



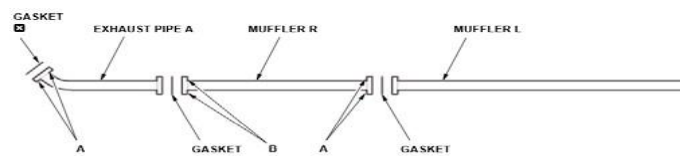
This illustration shows CVT.

10 (1.0, 7)

13. Exhaust Pipe A – Remove (Except Type -R).

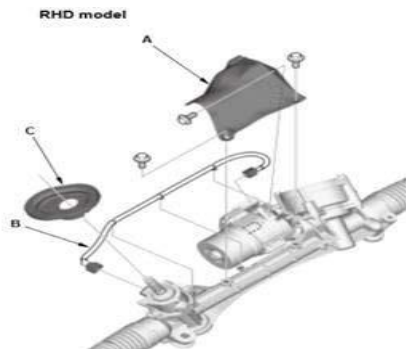
Item	Torque	Note
A	54 N·m (5.5 kgf·m, 40 lbf·ft)	Replace.
B	33 N·m (3.4 kgf·m, 24 lbf·ft)	Replace.

Dual Muffler:

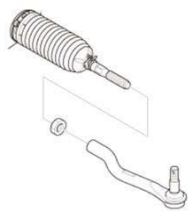




18. Heat Shield, EPS Harness, and Pinion Shaft Grommet– Remove.



19 Steering Rack End Remove.

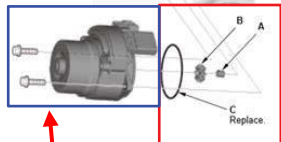


. Tie-Rod End – Remove

20 EPS Motor/ Control Unit – Remove



1. If necessary, remove the rubber bush (A) and motor bush (B).
2. Remove the O-ring (C).



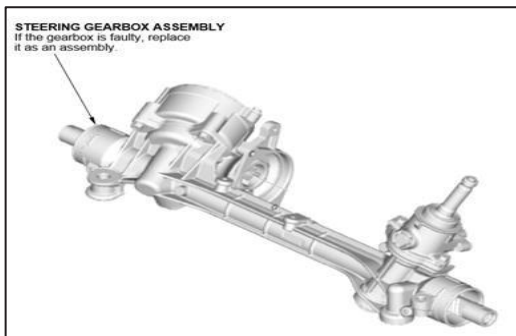
Reuse EPS motor, bolts

These 3 parts are included in KIT -

- **A&B:** Bushes are set in new G -Box
- **C:** O-ring is in plastic bag separately.

21. Replace with new Steering Gearbox

Kit Part (excluded EPS Motor).



22. EPS Motor/Control Unit – Reinstall

23. Please Install the parts in the reverse order of removal and confirm torque tightening value by referring to Maris II.

24. Conduct wheel alignment.

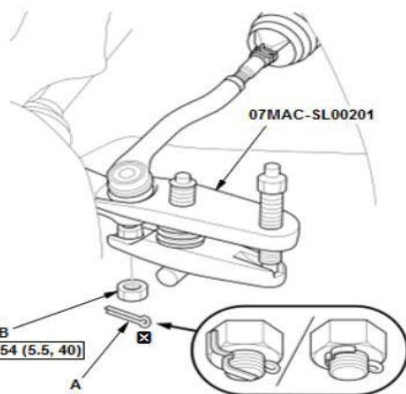
25. VSA sensor neutral position memorization.

26. Head light initial position learning (With Head light leveling system).



For CR-V Model:

1. Set the steering column to the centre tilt position, and to the centre telescopic position.
2. Vehicle Lift.
3. Front Wheel Remove.
4. Steering Joint Disconnect.
5. Tie-Rod End Ball Joint - Disconnect (Both sides).
 - 5.1. Remove the cotter pin (A).
 - 5.2. Remove the nut (B).
 - 5.3. Disconnect the tie-rod end ball joint from the knuckle using the ball joint remover.



NOTE:

- Be careful not to damage the ball joint boot when installing the ball joint remover.
- During installation, install the new cotter pin after tightening the nut, and bend its end as shown.

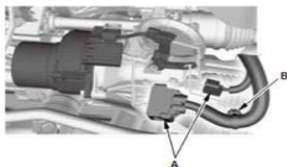
6. Engine Undercover - Remove.
7. Connector (EPS Sub harness) - Disconnect.

LHD model

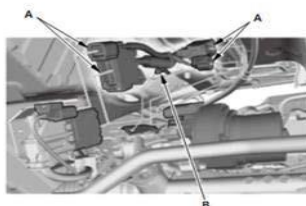
1. Disconnect the connectors (A).

NOTE: Wrap the connectors with vinyl tape to avoid contamination from grease or water.

2. Remove the harness clip (B).



RHD model

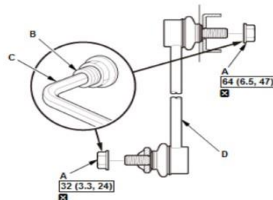


8. Stabilizer Link - Remove.

1. Remove the flange nuts (A) while holding the respective joint pin (B) with a hex wrench (C).

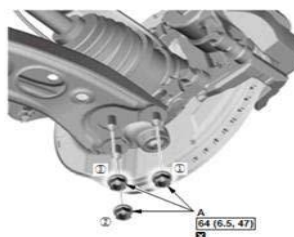
NOTE: Use new flange nuts during reassembly.

2. Remove the stabilizer link (D).



9. Front Lower Arm - Disconnect.

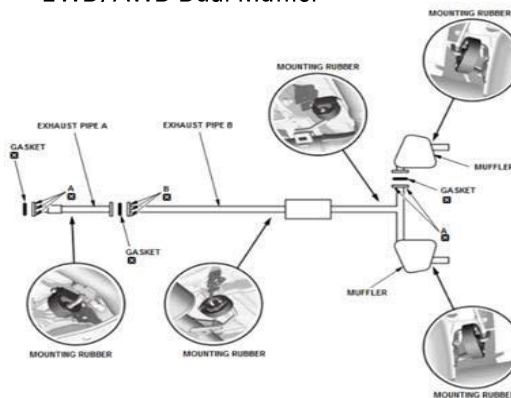
NOTE: During reassembly, loosely install new flange nuts (A), then tighten them to the specified torque in the numbered sequence shown.



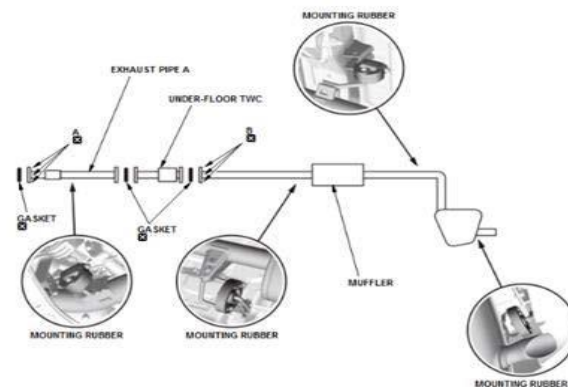
10. Exhaust Pipe A - Remove.

Item		Torque
	A	54 N·m (5.5 kgf·m, 40 lbf·ft)
	B	33 N·m (3.4 kgf·m, 24 lbf·ft)

2WD, AWD Dual Muffler

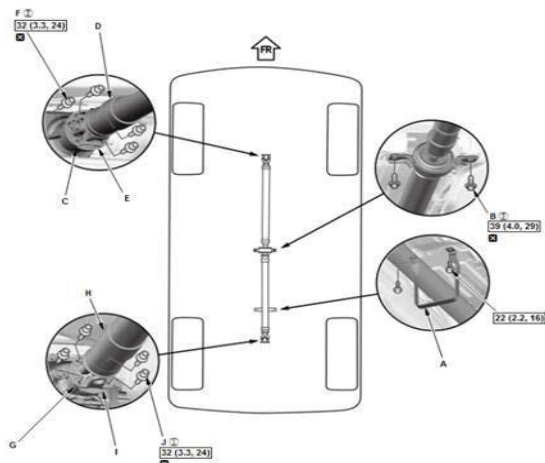


2WD, AWD Single Muffler

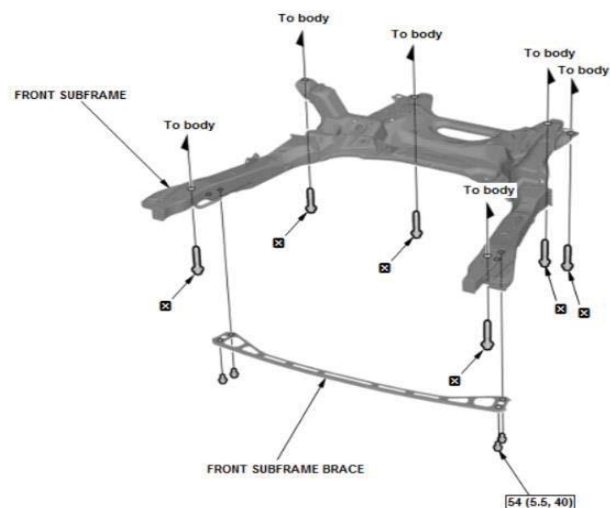




11. Propeller Shaft – Remove (AWD).



12. Front Subframe Brace – Remove.



13. Lower Torque Rod – Disconnect.

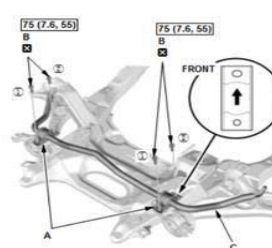


14. Front Lower Arm Mounting Bolt – Remove.



15. Front Subframe – Lift Down.

16. Front Stabilizer Bar Bushing Holder – Remove.



1. Remove the bushing holders (A).

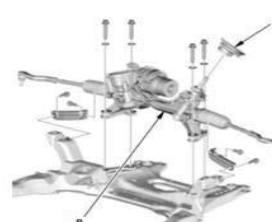
- NOTE: During installation, note these items.
- Note the direction of installation for the holders.
 - Use new bolts during reassembly.
 - Install the bushing holder mounting bolts as follows.

- 1. Loosely install the mounting bolts (B).
- 2. Tighten the mounting bolts to the specified torque in the sequence shown.

2. Remove the stabilizer bar (C).

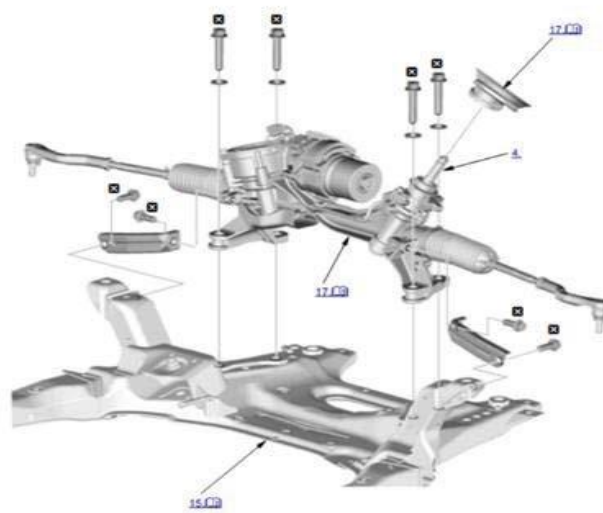
- NOTE: Do not try to remove the stabilizer bushings. Replace the stabilizer bar if the bushings need replacement.

17. Steering Gearbox – Remove.



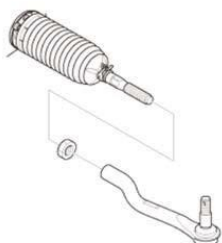
1. Remove the pinion shaft grommet (A).

2. Remove the steering gearbox (B) through the clearance of the body and the front subframe.

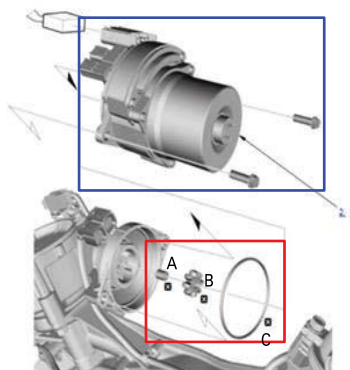


18. Steering Rack End – Remove.

Tie-Rod End – Remove



19. EPS Motor/Control Unit- Remove



Reuse (EPS motor, bolts)

These 3 parts are included in KIT

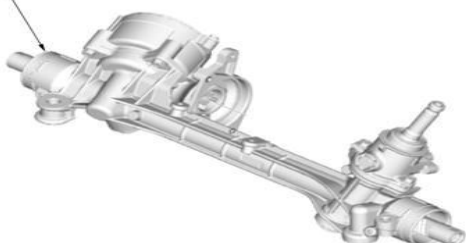
A & B: Bushes are set in new G-Box

C: O-ring is in plastic bag separately

20. Replace with new Steering Gearbox.

Kit Part (Excluded EPS Motor)

STEERING GEARBOX ASSEMBLY
 If the gearbox is faulty, replace it as an assembly.



21. EPS Motor/Control Unit – Reinstall

22. Please install the parts in the reverse order of removal and confirm torque tightening value by referring to Maris II.

23. Conduct wheel alignment.

24. VSA sensor neutral position memorization.