



Service Bulletin

American Honda Motor Co., Inc.

ADV160 #1
Revised: July 2025

SAFETY RECALL

2024 and 2025 ADV160 OIL PUMP DRIVEN GEAR

(This bulletin has been revised to include repair information for ALL affected units.)

NEW

BACKGROUND

Honda launched a **SAFETY RECALL** on **CERTAIN 2024 and 2025 ADV160 scooters** to replace the engine's oil pump driven gear due to abnormal wear. Due to a manufacturing defect, the gear may wear prematurely causing inadequate oil pressure to the engine. If the scooter continues to operate with low oil pressure, the engine can eventually seize, causing the engine to stall while riding, potentially increasing the risk of a crash or injury.

AFFECTED UNITS

As of March 24, 2025, you **MUST NOT SELL** any **AFFECTED NEW or USED** 2024 or 2025 ADV160 scooter until it is repaired according to this Service Bulletin. Additionally, you **MUST NOT SELL** or **INSTALL** any affected oil pump driven gear with part number 15133-K2S-N00.

- To search for applicable recalls on a specific unit, you **MUST** use *Unit Information* on **iN**.
- To manage your affected new inventory, use your dealer *eResponsibility Report* on **iN**.

CUSTOMER NOTIFICATION

American Honda mailed customer letters to all owners of affected 2024 and 2025 ADV160 scooters in May 2025. Customers were informed that their scooter may be affected by a safety related defect and that repair parts are currently unavailable. Affected customers will be notified by a second letter in early August that parts are now available and to contact an authorized service dealer to have their scooter repaired.

PARTS INFORMATION

- The oil pump driven gear kit listed below must be ordered through the *Controlled Parts Order* process (see [page 10](#) for instructions). An affected VIN will be required to order the kit.
- Engine oil and coolant are to be reused.**

Part Name	Part Number	Qty.
Kit, Oil Pump Driven Gear	06150-K0W-305	1
The kit includes the following parts:		
Gasket, Stator Base		1
Oil Seal, 20.8 x 32 x 6		1
Gear, Oil Pump Driven		1
Seal Ring, Drain		1
Washer, Sealing (6.5 mm)		1
NOTE: The drain washer (12 mm) is not included in the kit above. However, the cost of the drain washer is already included in the warranty template claims. If not already in stock, order the oil drain washer (12 mm) through standard daily parts ordering process.		
Washer, Drain (12 mm)	94109-12000	1

DEALER REPAIR RESPONSIBILITY

- Repairs must be performed by a qualified technician.
- Performing this repair exactly as shown in Repair Procedure instructions is critical for the remedy to be effective. Carefully follow all instructions.
- Service Management should inspect and confirm the repair.
- Dealer submission of a warranty claim affirms this repair was properly performed.

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WARRANTY CLAIM INFORMATION

After completing this *Service Bulletin* repair, submit one warranty claim per unit with the applicable template number.

YEAR	MODEL	TEMPLATE	FLAT RATE
2024	ADV160	Gear Replacement KR9A	1.1 hr
2025	ADV160	Gear Replacement KR9B	1.1 hr

NEW

Notes:

All warranty template claims will reimburse freight for the Oil Pump Driven Gear Kit. To ensure your dealership receives the freight credit, follow these steps.

1. Make sure 'YES' is selected from the *Freight Involved* drop down window.
2. Make sure to include the *Part Order Reference Number*.
3. Include the freight *Amount* associated with the listed *Part Order Reference Number*.
 - The *Part Order Reference Number* can be found on your *Parts Order Statement* on *iN*.

Template Warranty Claim

Template Number*

Basic Claim Information (required for all claim types)

Claim No.*
VIN*
Mileage*
Sublet Involved? NO

Repair Order Number*
Repair Order Date (open)*
Work Completed Date*

Freight Involved? YES
Part Order Reference Number*
Amount* 0.00

Submit Save View Claim CHANGE CLAIM TYPE

DEALER SUPPORT

TECHNICAL QUESTIONS

If you have any technical questions relating to this update procedure, please contact:
Motorcycle TechLine Online:

iN > Service > TechLine > TechLine Connect

WARRANTY QUESTIONS

If you have any warranty administration questions relating to warranty claim templates, and claim filing procedures, please contact:

Motorcycle Warranty Online:

iN > Service > Warranty & HondaCare > Warranty Connect Filing

Or call (800) 421-1900, option 7

RECALL REPAIR IDENTIFICATION

Before you begin the repair procedure, verify that the unit has not already been repaired by searching *Unit Information* on *iN*.

REPAIR PROCECURE

NEW

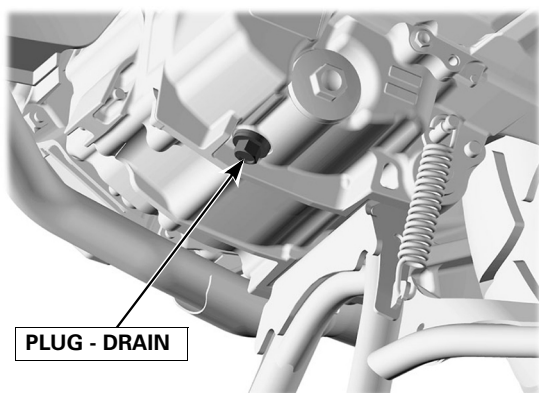
Perform this repair procedure on all new and used dealer inventory and in-service customer units.

Refer to the appropriate service manual if you need additional information or assistance.

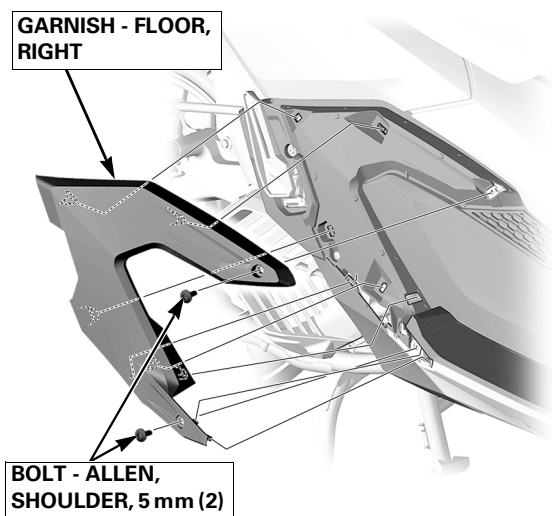
NOTE: Be careful not to scratch any parts.

DISASSEMBLY

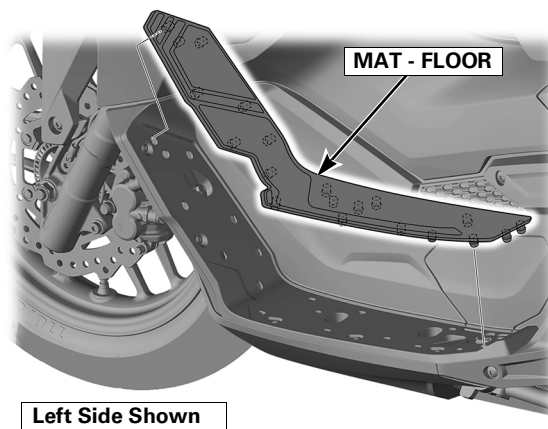
1. Drain the engine oil into a suitable clean container and retain it for reuse after assembly.



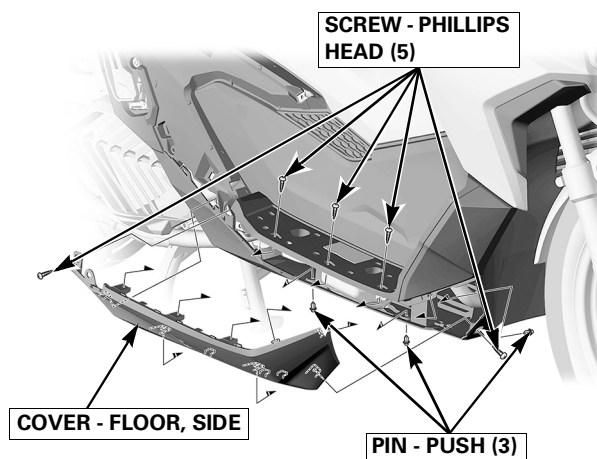
2. Remove the two (2) 5 mm Allen bolts, and then remove the right floor garnish.



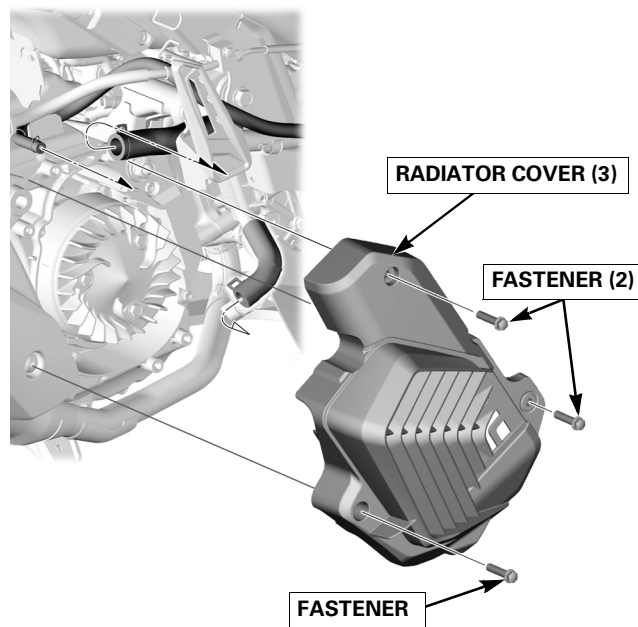
3. Remove the floor mat of the **right** rubber step.



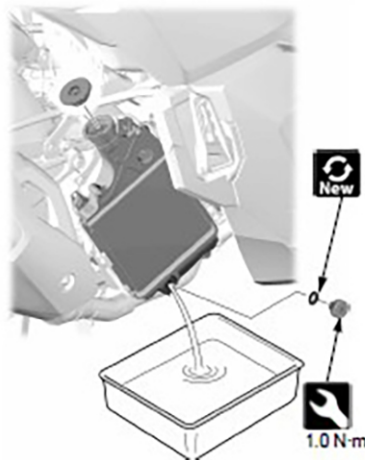
4. Remove the five (5) Phillips head screws, three (3) push pins, and then the right garnish floor.



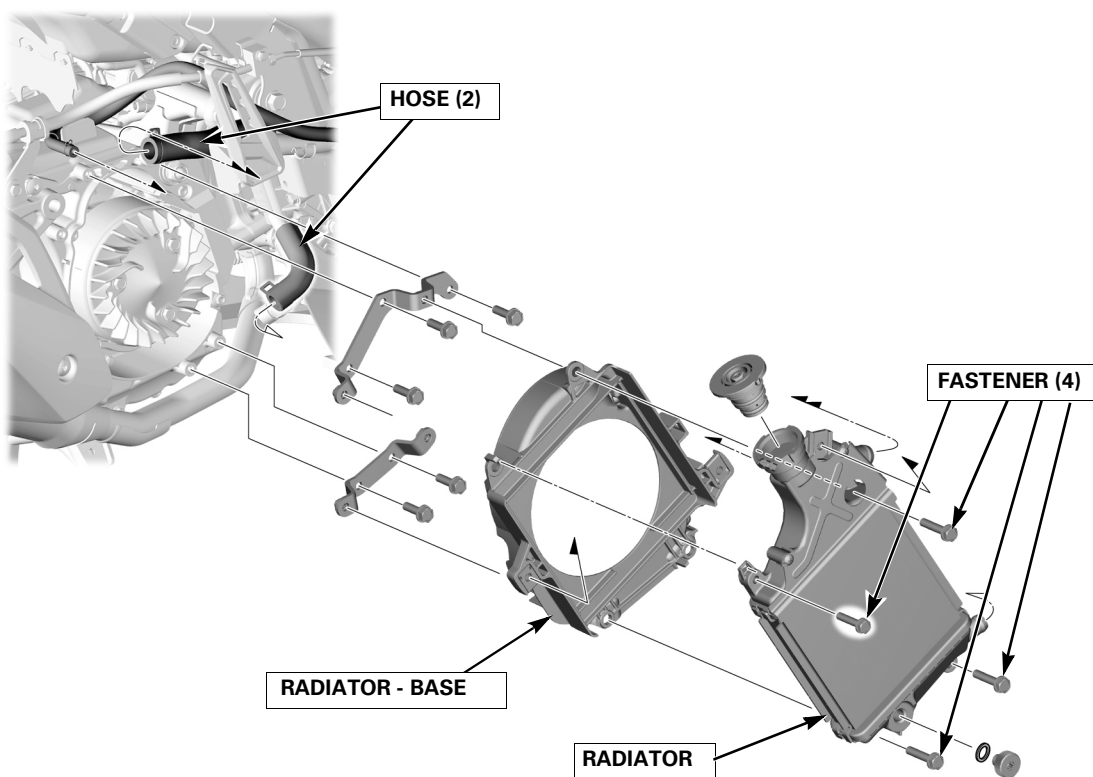
5. Remove the radiator cover and three (3) fasteners.



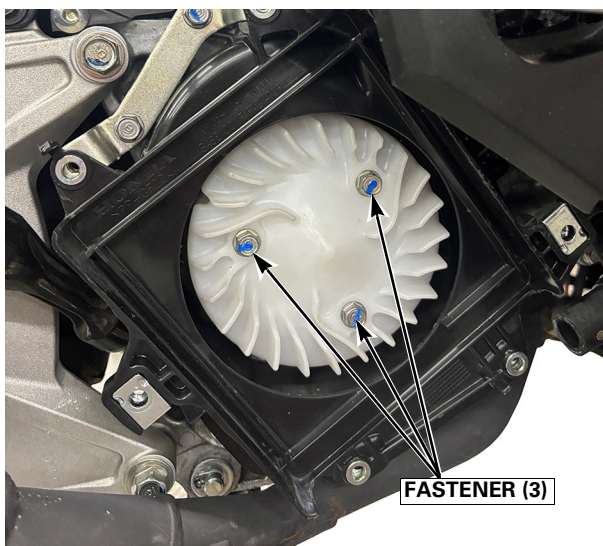
6. Drain the coolant into a suitable clean container and retain it for reuse after assembly.



7. Remove the radiator, radiator base, four (4) fasteners, and two (2) hoses.



8. Remove the three (3) cooling fan fasteners.

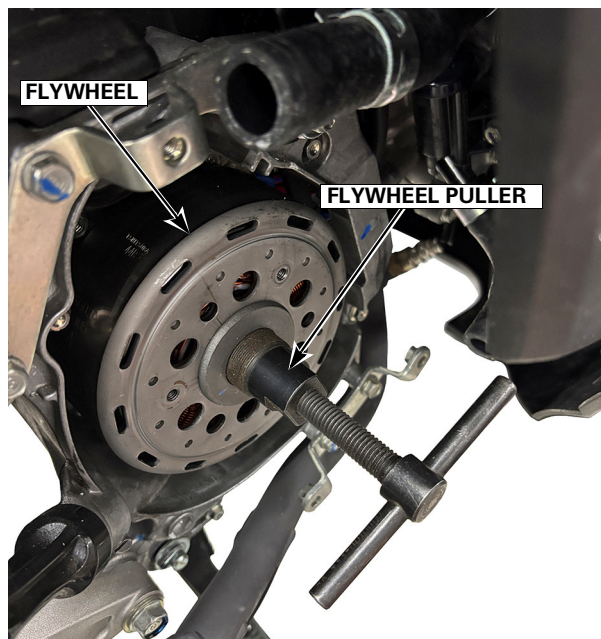


9. Remove the flywheel nut.

TORQUE: 69 N·m (7.0 kg-m, 51 ft-lb)

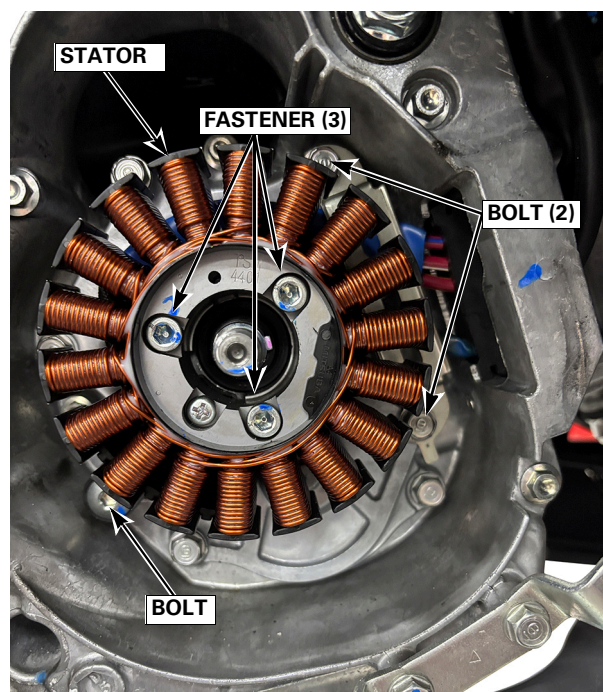


10. Remove the flywheel with a flywheel puller.



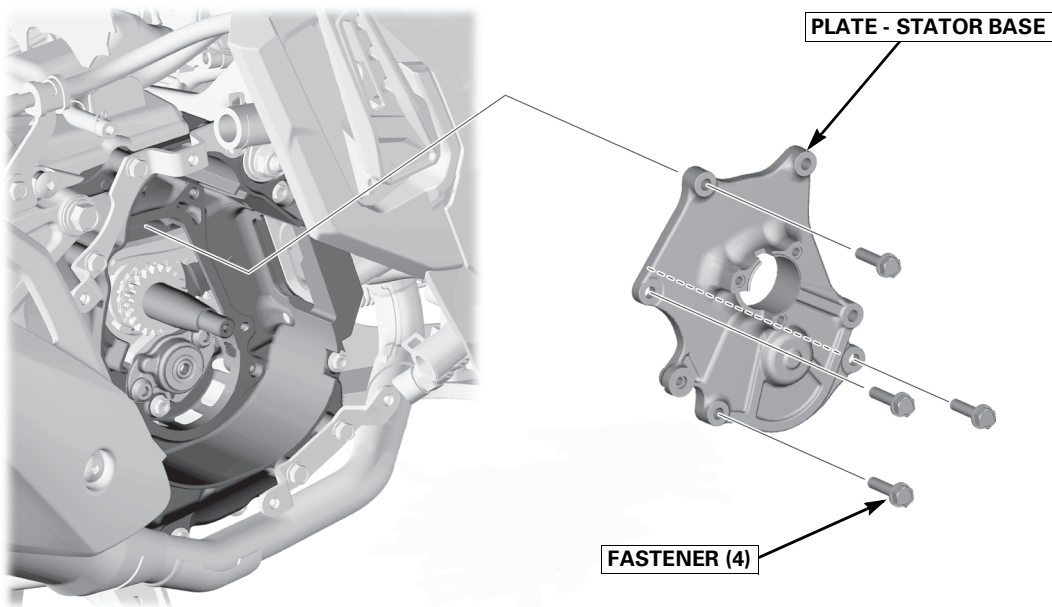
11. Remove the stator, three (3) fasteners and two (2) bolts for plate, one (1) bolt for the retainer.

STATOR MOUNTING BOLT TORQUE:
10 N·m (1.0 kg-m, 88 in·lb)

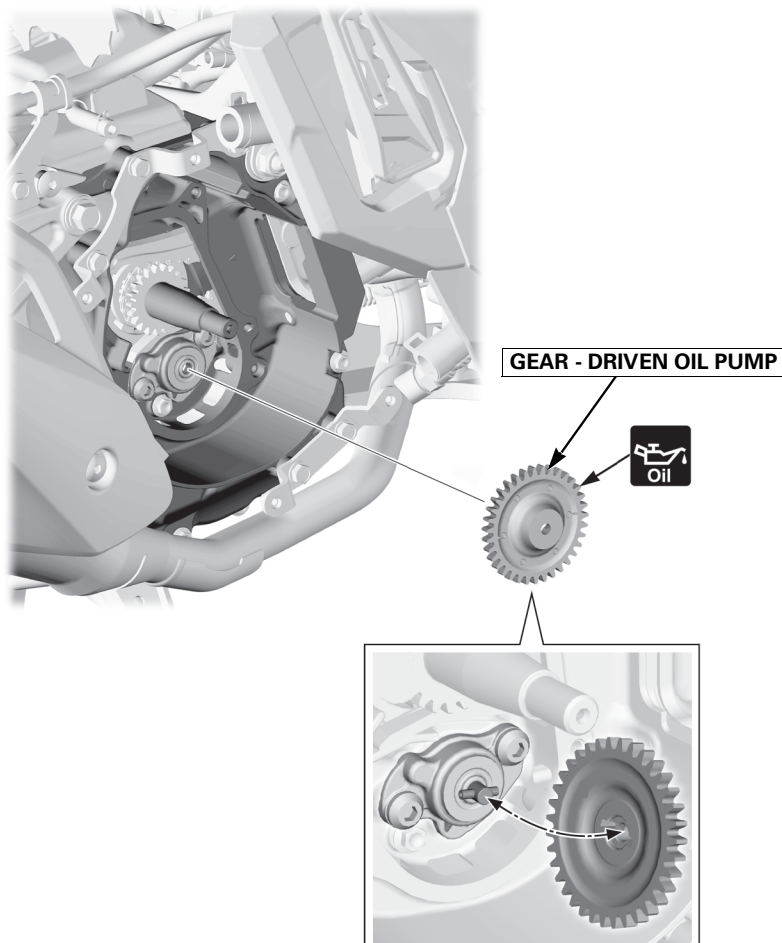


NOTE: Secure the stator with a wire so that it does not loosely hang.

12. Remove the base stator plate and four (4) fasteners.



13. Remove the oil pump driven gear from the oil pump.



NEW

14. Inspect the oil pump driven gear by measuring the outside diameter of the gear using a Vernier caliper.

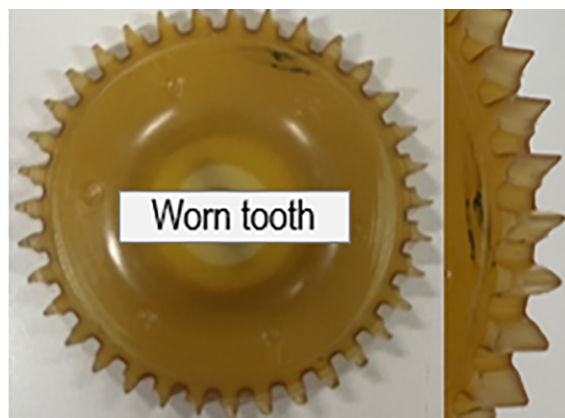
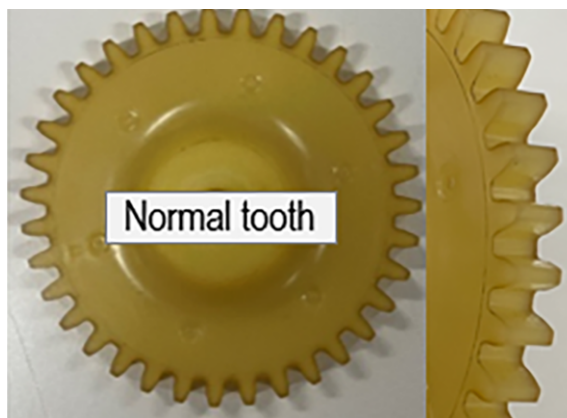
- If the outside diameter of the gear measures **62 mm or larger**, install the Oil Pump Driven Gear Kit shown in the Parts Information section using the Reassembly procedure beginning on this page.
- If the gear fails the inspection by measuring **less than 62 mm** in diameter or has irregular wear on the teeth (as shown below), submit a TechLine Connect request to inform TechLine that an oil pump driven gear has failed the inspection. TechLine will provide further instructions to you based on your findings.



Broken Gear Tooth



Worn Tooth

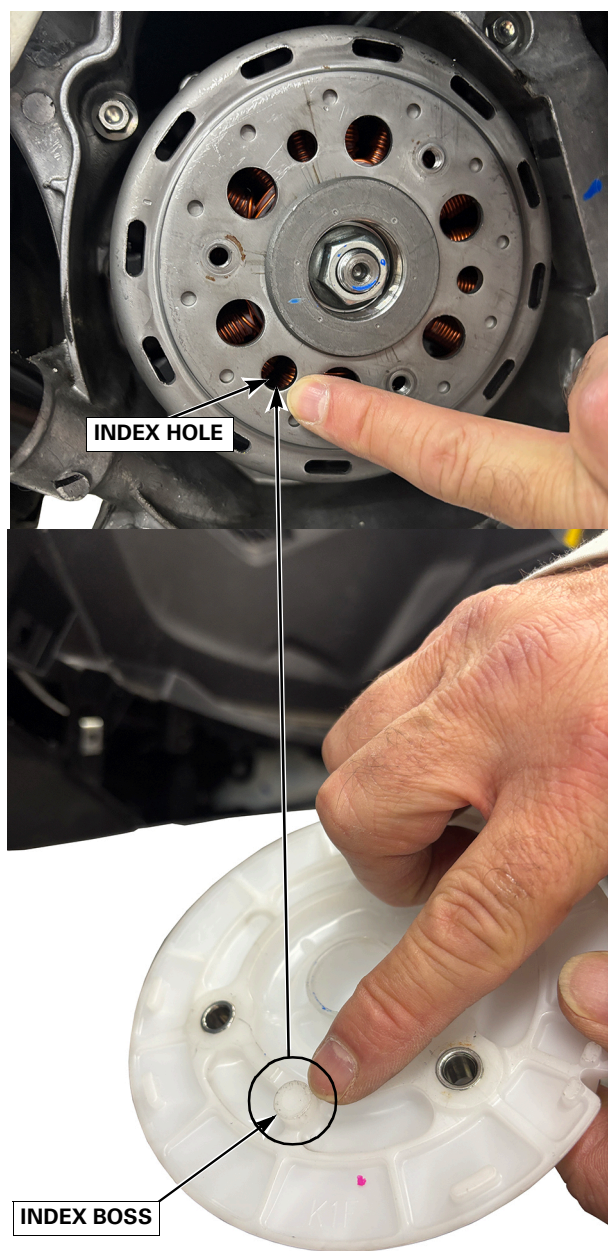


REASSEMBLY

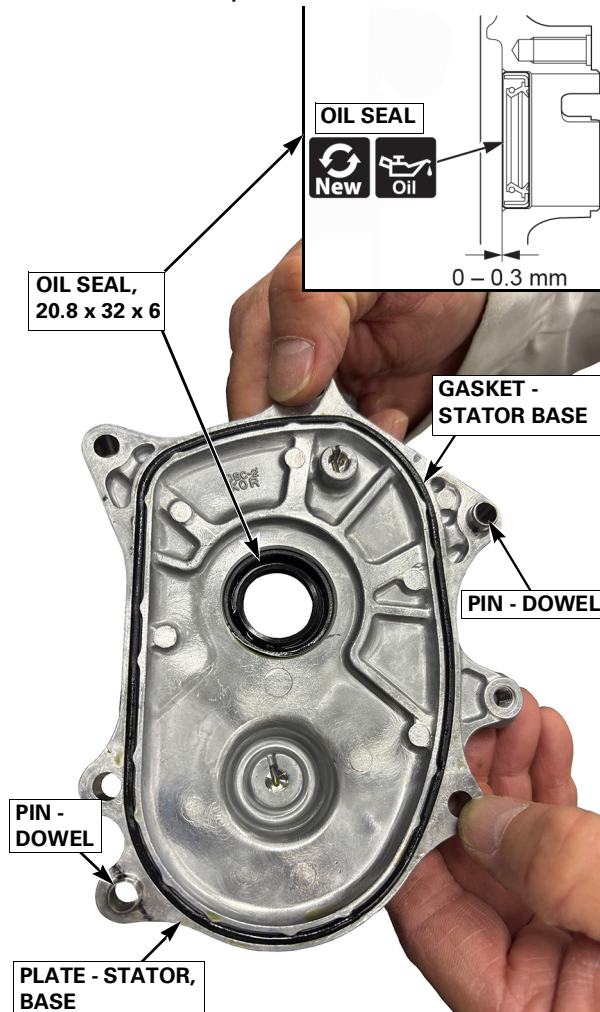
Install the oil pump driven gear kit shown in the Parts Information section. Reassemble the unit in the reverse order of disassembly paying special attention to the cooling fan. Refill the engine oil and coolant using the procedures on [page 9](#).

NOTES:

- The index boss on the cooling fan must be aligned with the index hole on the fly-wheel as shown.



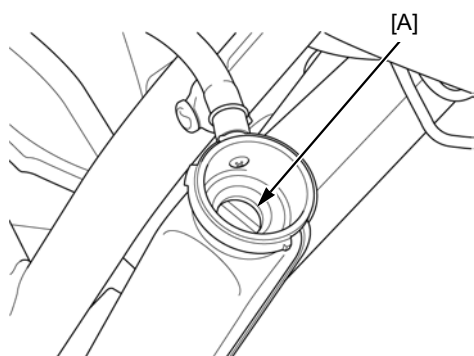
- The stator base gasket and oil seal will need to be replaced on this cover upon reassembly using the new parts in the kit.
- Be sure the dowel pins are installed in the stator base plate.



COOLANT REFILL AND AIR BLEEDING

NOTE: When filling the system or reserve tank with coolant, or checking the coolant level, support the vehicle in an upright position on a flat, level surface.

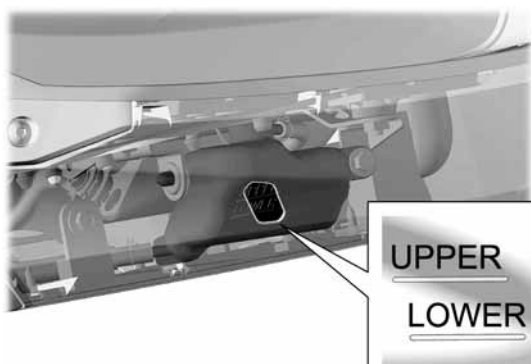
1. Refill the system with the coolant that was drained during disassembly through the filler opening to the filler neck [A].



RECOMMENDED ANTIFREEZE:

Pro Honda HP Coolant or an equivalent high-quality ethylene glycol antifreeze containing corrosion protection inhibitors.

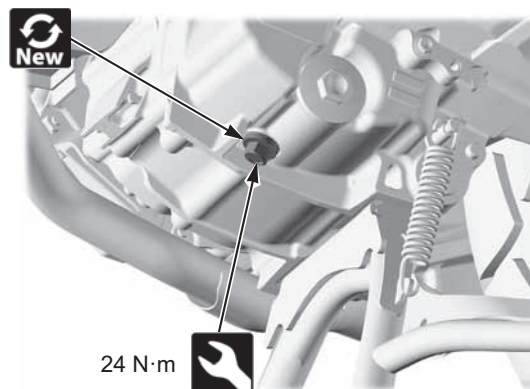
2. Bleed air from the system:
 - a. Start the engine and let it idle for 2 ~ 3 minutes.
 - b. Snap the throttle 3 ~ 4 times to bleed air from the system.
3. Stop the engine and add coolant up to the filler neck.
4. Screw in the radiator cap until its boss is contacting the lug of the radiator.
5. Fill the reserve tank with coolant to the upper level line.



OIL REFILL

1. Refill the crankcase using the engine oil that was drained during disassembly.
2. Install a **new** 12 mm drain washer (p/n 94109-12000) and then tighten the oil drain plug to the specified torque:

TORQUE: 24 N·m (2.4 kg-m, 18 ft-lb)



RECOMMENDED ENGINE OIL:

Pro Honda HP4M (with molybdenum additives) 4-stroke oil (U.S.A. & Canada) or equivalent motorcycle oil.

API service classification: SJ or higher

JASO T903 standard: MB

Viscosity: SAE 10W-30

ENGINE OIL CAPACITY:

0.75 Liter after draining

0.85 Liter after oil strainer screen cleaning

0.9 Liter after disassembly

CONTROLLED PARTS ORDER PROCEDURE

To order parts through the Controlled Parts Order process, follow the steps below:

1. From the *iN* home page go to:

Parts > Parts Order Management > Controlled Parts Order

Select the desired shipping method from the **Ship Via** drop down list.

NOTE: The default *Ship Via* is 2ND DAY DELIVERY, which will incur additional freight charges to the dealer. Normal freight charges apply if the order does not meet the pre-paid freight minimum.

SALES SERVICE **PARTS** MANAGEMENT HONDAPRO TRAINING

Hide This Menu

- Acknowledgements
- Transactions
- Parts Bulletins
- Unit Information
- Web Parts Catalog
- Parts Order
- Parts Information
- Parts Order Management
 - Controlled Parts Order**
 - Order Maintenance
 - Summary Inquiry

• = Required

Controlled Parts Order

Dealer Information

Dealer No WMD03D Back Order* YES Ship Via* 2- 2ND DAY DELIVERY
Reference* D 0010324 Cross Shipment YES Alt Ship Via* 2- 2ND DAY DELIVERY
Total Price \$0.00 3- SURFACE

Customer Information

VIN* Dealer Contact* Memo
LastName* FirstName*
Comment Vehicle in Collision* YES

2. Enter the required information: *VIN*, *Dealer Contact*, *Customer Name*, *Part Number* and *Quantity* (you may order only one (1) part per part number).
3. Set *Vehicle in Collision* and *Specification Label Request* to *NO*.
4. Click Submit.

• = Required

Controlled Parts Order

Dealer Information

Dealer No Back Order* YES Ship Via* 3- SURFACE
Reference* D Cross Shipment YES Alt Ship Via* 3- SURFACE
Total Price

Customer Information

VIN* 3H1JK07 Dealer Contact* Memo KP1
LastName* FirstName*
Comment KP1 CAMPAIGN Vehicle in Collision* NO

Specification Label Request* NO

Submit Save Confirm Search by PART NUMBER Search

It	Part*	Qty*	Description	Unit Price	
1	44830-KTE-D12	1	CABLE COMP, SPDMT		Delete
2					Delete