



SAFETY RECALL

Release Date: September 09, 2022

RZR

Communication #: Z-22-05

Model Year(s): 2021

— Confidential and Proprietary —

VERSION: R02 (December 22, 2022)

****Converted from Stop Sale / Stop Ride to Safety Recall****

IMPORTANT STOP RIDE / STOP SALE SAFETY NOTICE!

Stop selling affected vehicles immediately until the repair procedure has been completed on affected units at your dealership. Federal law prohibits the sale of products subject to a recall. Selling such products could subject the seller to substantial penalties.

IMPORTANT

If you are working with a printed copy, please verify you have the most current version of this document.

SUBJECT: PRIMARY CLUTCH FAILURE PURPOSE

Polaris has determined that under certain operating conditions, some 2021 RZR Turbo S and XP Turbo models may have an increased risk of primary (drive) clutch failure. Certain primary clutch failures can cause debris and/or clutch components to be ejected from the clutch housing, posing a potential injury hazard to consumers. This condition typically occurs under high-load, low speed conditions (high boost vehicle launch, high RPM belt slip, launching with simultaneous brake and throttle application).

To resolve this concern, Polaris has developed a procedure to install a new primary clutch assembly, install a fuel line bracket, and complete an ECU calibration update for affected units.

NOTICE

Polaris is requiring dealers to record the *NEW* primary clutch manufacturing information on all Z-22-05 claims. Please reference the Warranty Parts Information section of this document.

STOP!

Some international EU5/EGI Motors vehicles do not have a repair available at this time. Vehicles that do not have a repair available are on Part B of this Safety Recall. Claims may not be filed for this yet. Polaris will update this communication when the repair is available for EU5/EGI Motors vehicles.

AFFECTED MODELS

MODEL YEAR	MODELS	AFFECTED RANGE
2021	RZR Turbo S	Reference Unit Inquiry on the dealer website or the Service Communications list on the STOP site to look up affected units.
	RZR XP Turbo	

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IMPORTANT AFFECTED VIN UPDATE

- **If a RZR Turbo S or XP Turbo previously had Safety Recall Z-20-07 completed, should we complete Safety Recall Z-22-05?** Yes. Regardless of any Z-20-07 completion (passed inspection OR clutch was replaced) all 2021 RZR Turbo S and XP Turbo vehicles require repair under Safety Recall Z-22-05.
- **Should we still complete an open Z-20-07 Safety Recall on 2021 RZR Turbo S and XP Turbo vehicles now affected by Z-22-05?** No. Vehicles affected by Z-22-05 will have Z-20-07 superseded, and should only be repaired under Z-22-05.
- **Are there vehicles affected by Z-22-05 that were not on Z-20-07?** Yes. 2021 RZR Turbo S and XP Turbo vehicles built after and not affected by Z-20-07 will require repair under Z-22-05.
- **Is there any change to RZR Pro XP vehicles that are impacted by Z-20-07?** No. RZR Pro XP models are not included in Z-22-05 and no additional updates beyond what is outlined in Z-20-07 will be required.

CUSTOMER NOTIFICATION

Dealers are required to review their sales records and make arrangements with customers for Recall completion. In addition to consumer units, dealers are required to correct any affected units in their inventory. Polaris will be mailing a notification letter to consumers affected by this Recall. Polaris will also send an email to owners for whom Polaris has a valid email address.

CONTACT POLARIS

If you have questions that are not addressed in this document or in the Safety Recall FAQ, contact Polaris Service through Ask Polaris or by phone at 800-330-9407 (US/Canada Dealers Only).

DEALER - WHAT TO DO?

As of September 09, 2022, **YOU MUST NOT SELL OR DELIVER** any affected **NEW OR USED Model Year 2021 RZR XP Turbo, and RZR Turbo S** affected by this **Stop Sale / Stop Ride** until it is repaired according to the **Safety Recall**.

WARRANTY CLAIM INFORMATION

2021 RZR TURBO S AND XP TURBO	
Bulletin	Z-22-05-A
Claim Type	SB (Service Bulletin)
Labor Allowance	1.2 hours (72 minutes)
Part Number / Description	2211626 (QTY 1) K-CLUTCH,TURBO-S,CHAMP,MY21
Parts Availability	Limited quantities available
University of Polaris Video Training Required	Yes ¹

¹Polaris requires one person from a dealership to be certified before parts ordering may occur and two people from a dealership to be certified before warranty claims may be processed.

Claim Submission:

- **US / Canada Dealers:** On DEX, go to Service and Warranty > Warranty Claim and Extended Coverage > Start a New Warranty Claim. Select Service Bulletin > Enter the VIN / PIN and Retrieve Registration. Select Z-22-05-A and Send Claim.
- **International Dealers:** On iDEX, go to Service and Warranty> Warranty Claims>Start a New Warranty Claim. Select Service Bulletin > Enter the VIN / PIN and Retrieve Registration. Select Z-22-05-A and Send Claim.

2021 RZR TURBO S	
STOP!	
Some international EU5/EGI Motors vehicles do not have a repair available at this time. Vehicles that do not have a repair available are on Part B of this Safety Recall. Claims may not be filed for this yet. Polaris will update this communication when the repair is available for EU5/EGI Motors vehicles.	
Bulletin	Z-22-05-B
Claim Type	SB (Service Bulletin)
Labor Allowance	N/A
Part Number / Description	N/A
Parts Availability	N/A
University of Polaris Video Training Required	Yes ¹

¹Polaris requires one person from a dealership to be certified before parts ordering may occur and two people from a dealership to be certified before warranty claims may be processed.

CLAIM SUBMISSION INFORMATION

REQUIRED CLUTCH MANUFACTURING INFORMATION

Record the manufacturing information numbers on the *NEW* primary clutch for warranty claims processing. Claims filing will not be permitted without the *NEW* primary clutch manufacturing information numbers.



Clutch Part Number ①: _____
 Clutch Production Date ②: _____
 Clutch Production Time ③: _____

Enter the *NEW* primary clutch manufacturing information when filing a claim.

Warranty Claim - Serial Number Entry

Claim Number: _____ VIN/PIN: _____ Product Line: _____

Warranty Claim contains parts that require the replacement part Serial number.

NEW Primary Clutch Manufacturing Information: 1327410 / 2022 / 11 / 22 / 10 : 02 : 56

Clutch Information Unreadable or Illegible. Contact Technical Service:

① ② ③

DECLINED SAFETY RECALL

Polaris provides a claim process that allows dealers to accurately document when a Safety Recall cannot be performed on a vehicle due to modification. Criteria and instructions can be found under Service & Warranty > STOP Site > News, Forms, & Links > Declined Safety Bulletin Tracking.

US & CANADA TRANSPORT & MOBILE SERVICE REIMBURSEMENT

Polaris will authorize travel or transport up to 1.0 hour of labor to perform the bulletin. Wholegood stock vehicles are not eligible for travel / transport coverage reimbursement. Polaris recommends that dealers work with vehicle owners to determine the best solution for their situation. To obtain travel / transport reimbursement, enter the actual labor time up to 1.0 hour, into the Travel Hours or Travel Minutes on the bulletin claim.

INVENTORY / STOCK PART CLAIMS

Dealers should review their service parts inventory and ensure the following service parts are **NOT** used and are disposed of properly:

- 1327152

NOTICE

To remove these service parts from circulation, file a Part Stock claim as directed below.

Use the following process for filing a Part Stock warranty claim for any of the parts listed above.

1. Start a new Part Stock warranty claim.
2. Select Product Line: RZR
3. Enter today's date into the Date Failed and Date Repair information fields
4. Enter Z-22-05 into the CONCERN field.
5. Enter Z-22-05 into the CAUSE field.
6. Enter Removed From Inventory into the CORRECTION field.
7. Enter the part number and quantity.
8. Enter warranty fail codes: 115/237/151
9. Validate the parts.
10. Save and submit the claim to Polaris.

ACCESSORY LABOR

Polaris will cover labor for the removal and installation of accessories required to complete the bulletin work. Follow the steps below to obtain reimbursement.

1. Start a new Ask Polaris Case, Service &Warranty Question > Authorization: In Warranty or Polaris ESC or Authorization: Out of Warranty.
2. Enter your contact information and VIN, along with miles and hours into the applicable fields.
3. Enter Z-22-05 in the CONCERN and CAUSE fields. In the CORRECTION field, enter "ACCESSORY REMOVAL AND INSTALLATION".
4. Enter warranty fail codes 142/279/209.
5. Add part 0000541, quantity 1.
6. Attach photos of the vehicle and accessories sufficient to support the labor time requested.
7. Submit the case to Polaris.

COVERAGE PERIOD

Coverage will begin on December 22, 2022. This bulletin has no expiration date.

UNIVERSITY OF POLARIS TRAINING REQUIREMENT

Each member of your service department team must complete the training on University of Polaris prior to completing **ANY** work, or submitting **ANY** warranty claim for this Bulletin. You must complete the entire course on University of Polaris in order to get credit.

<http://www.universityofpolaris.com>

PARTS RETURN / DISPOSAL INFORMATION

Under no circumstances shall the parts removed be re-used, sold, or re-purposed for another application. It is your dealership / distributor's responsibility to make sure every part replaced (related to this communication) is taken out of circulation and disposed of properly or returned to Polaris (if required).

FEEDBACK FORM

A feedback form has been created for the technician to provide Polaris with an overall satisfaction rating for the instructions, provide comments on your experience or upload pictures/video. The form is viewable on mobile devices by scanning the QR code or on a PC by clicking [HERE](#).

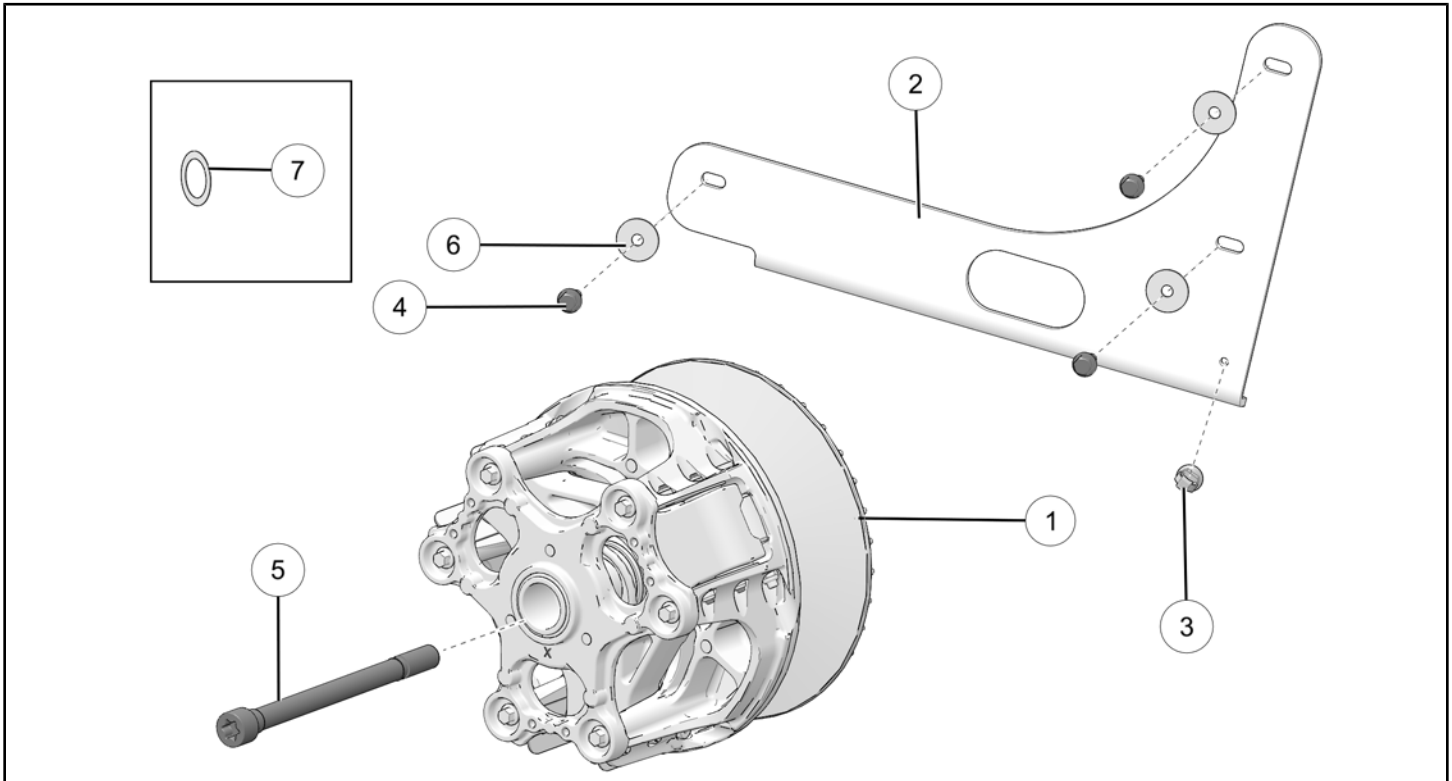


REPAIR OVERVIEW

This repair consists of four main procedures:

1. **Primary clutch assembly replacement** - the new primary clutch assembly is manufactured with different materials, increased sheave thickness, and stainless steel wear plates on the towers. A replacement primary clutch bolt is provided in the kit.
2. **Fuel line bracket installation** - bracket installs to the cargo box supports and shrouds the engine fuel line.
3. **ECM reflash and update** - update revises misfire calibration to match the new primary clutch assembly and prevent false misfire detection.
4. **Repair verification** - complete these steps before submitting a warranty claim.

KIT CONTENTS



2211626 K-CLUTCH, TURBO-S, CHAMP, MY21

REFERENCE	QTY	PART DESCRIPTION	P/N AVAILABLE SEPARATELY
①	1	ASM-DRIVE CLUTCH, 31MM	1327410
②	1	BRKT-GUARD, CLUTCH	5274390
③	1	CLIP-ROUTING	7082068
④	3	SCR-M6X1.0X20, HXHD, FLG, TDFM, BK	7518529
⑤	1	SCR-HXFL, M14X1.5X180 12.9 SPC	7520950
⑥	3	WASHER-.281X1.00X.051	7556329
⑦	5	SHIM-RING, 23.25X32.25X0.5 <i>Shims are provided in the kit to allow for proper clutch alignment. Shims install to the secondary clutch. 5 shims are included, but up to 8 total may be used if additional adjustment is necessary.</i>	7557060

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Z-22-05-A PROCEDURE

TOOLS REQUIRED

- 8mm Socket
- 1/4" Socket
- Ratchet
- Torx T60
- Torque Wrench
- Drive Clutch Holding Tool **PU-52944** or 1" diameter by 18" long hardwood dowel.
- Clutch Puller **PU-52422**
- Clutch Spreader Tool **2883577**
- 10mm Socket
- Wire cutters
- Pick tool

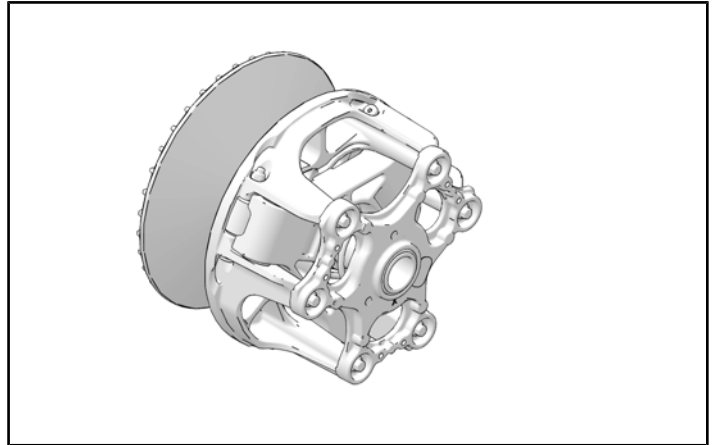
REPLACEMENT PARTS INFORMATION

Service parts used in this bulletin look similar, but contain different primary clutch components. Ensure the correct clutch is installed.

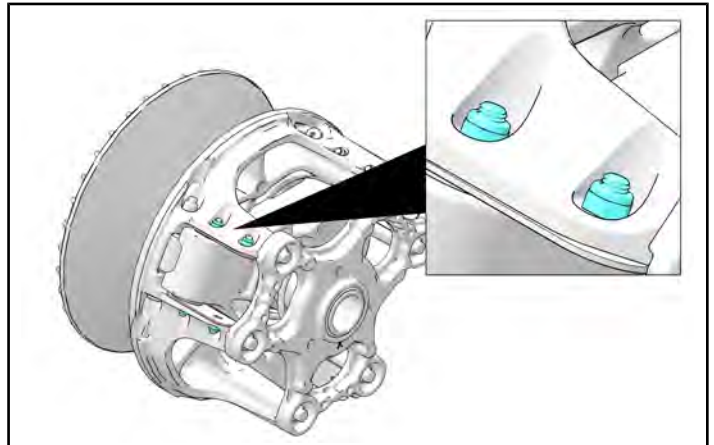
WARNING

Ensure that the correct clutch is installed. Installing the incorrect clutch can result in a vehicle hazard. Review the following images and table to ensure that the correct clutch is installed on the affected vehicle.

OLD CLUTCH

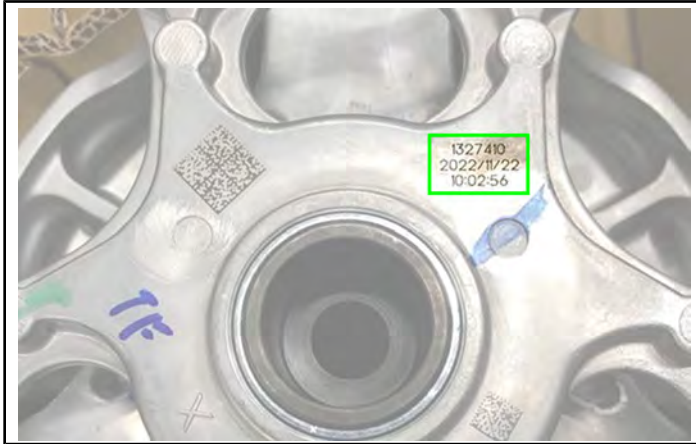


NEW CLUTCH



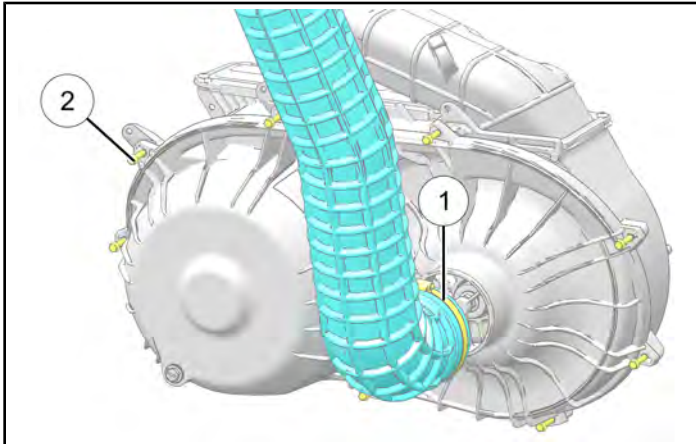
MODEL	NEW PART NUMBER (PN)
RZR TURBO S	1327410
RZR TURBO S 4	
RZR XP TURBO	
RZR XP 4 TURBO	

Reference the image below for the location of the part number on the *NEW* clutch.



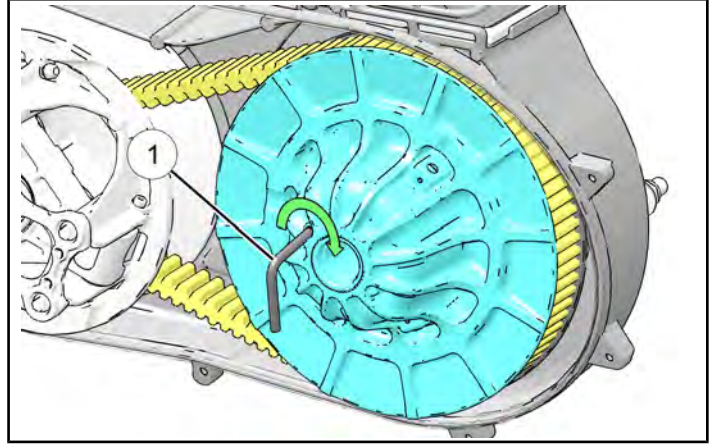
CLUTCH REMOVAL

1. Loosen the clamp ① retaining PVT inlet duct to the outer clutch cover.
2. Loosen the fasteners ② that retain the outer clutch cover. Remove the clutch cover.



3. Mark the drive belt direction of rotation so that it can be installed in the same direction.

4. Insert clutch spreader tool into the driven clutch and turn the tool clockwise to open the sheaves on the driven clutch.



Clutch Spreader Tool:
2883577

5. Remove the drive belt from the driven clutch and drive clutch. Remove the belt from the vehicle.

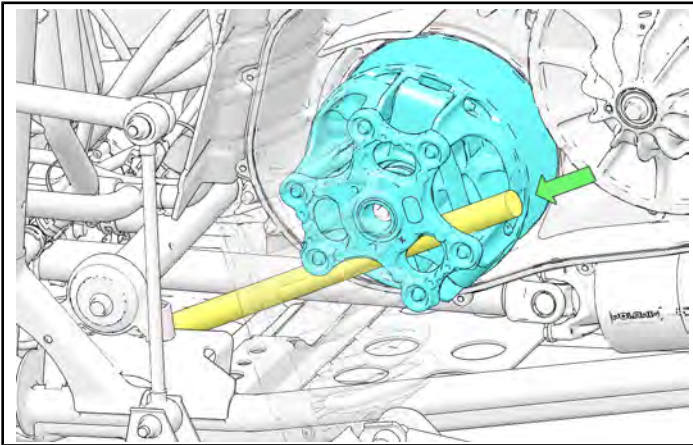
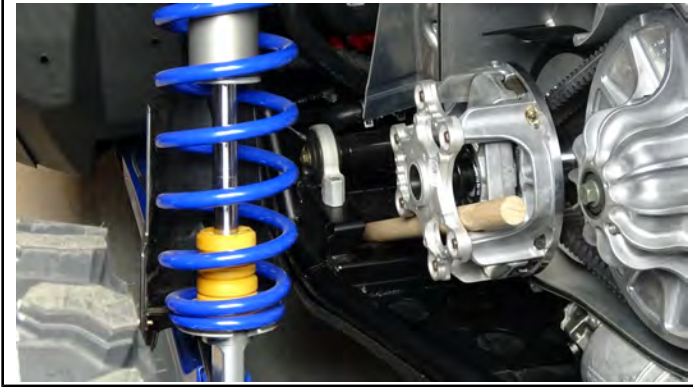
IMPORTANT

Note the orientation of the drive belt for installation.

6. Install the Drive Clutch Holding Tool or a hardwood dowel to hold the drive clutch.

Drive Clutch Holding Tool:
PU-52944

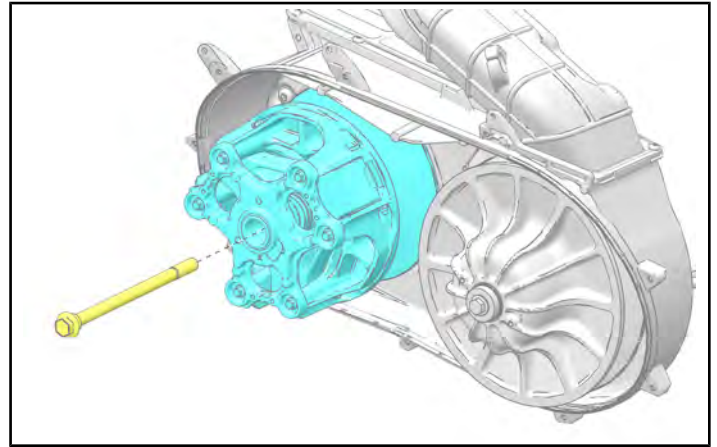
Dowel Use: using a 1" diameter by 18" long hardwood dowel insert the dowel through the drive clutch allowing it to rest against the chassis underneath the front engine cross member as shown.



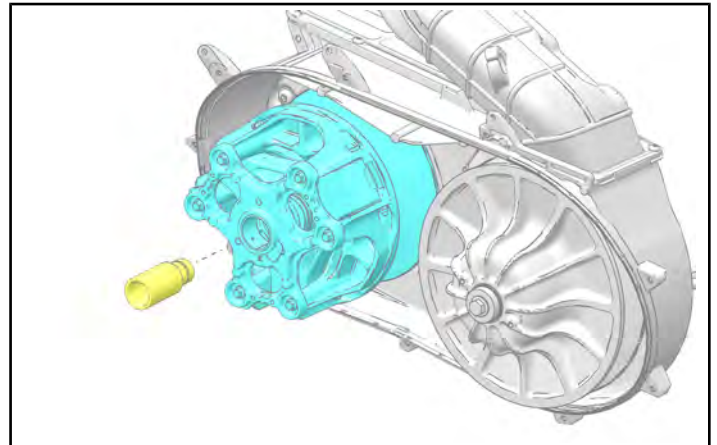
CAUTION

The dowel must **NOT** touch the machined tower surface of the drive clutch, damage to the drive clutch may result.

7. Remove the drive clutch retaining bolt using a T-60 Torx internal driver and **DISCARD**.

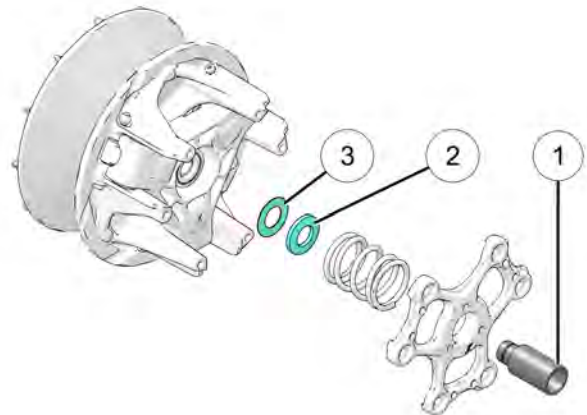


8. Remove the outer slip fit post.

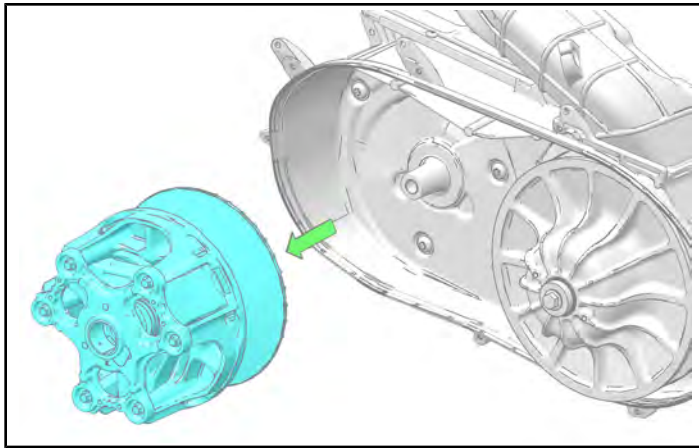


NOTICE

When the outer slip-fit post ① is removed, the belleville washer ② and flat washer ③ will fall out of the clutch assembly. **DISCARD** the slip-fit post and washers. These will be pre-installed in the **NEW** clutch assembly.

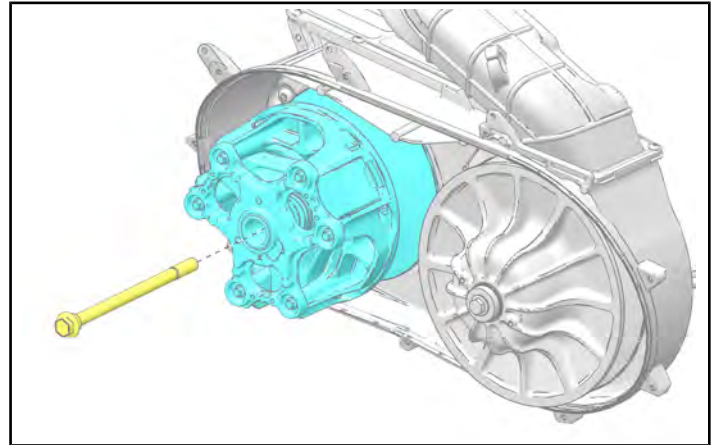


9. Using Drive Clutch Puller (PN **PU-52422**), remove the primary clutch assembly.



CLUTCH AND FUEL LINE BRACKET INSTALLATION

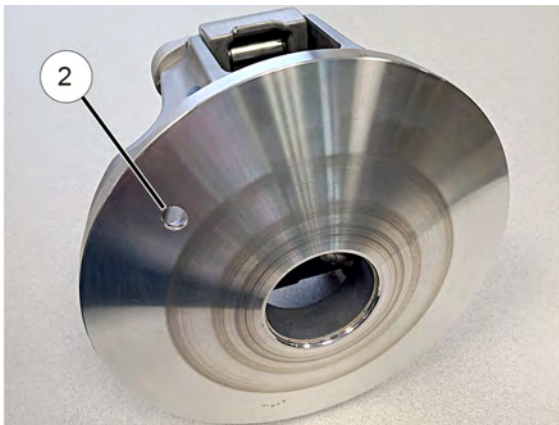
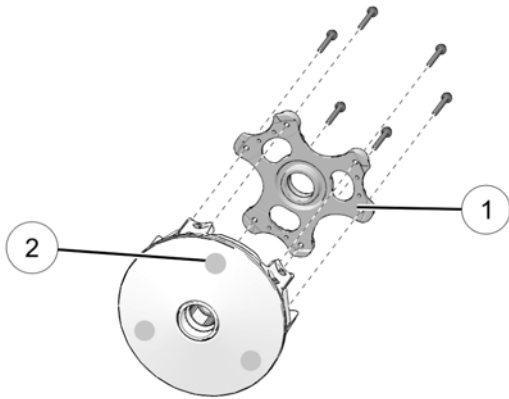
1. Clean the crankshaft taper using isopropyl alcohol or an equivalent. Allow to dry prior to installation.
2. Install the *NEW* primary (drive) clutch assembly and *NEW* primary clutch bolt.



STOP!

Remove the primary clutch assembly from service by completing the following:

1. Return the primary clutch spider cover ① to Polaris via warranty parts return.
2. Render the remaining primary clutch assembly unusable by drilling a hole ② in the moveable sheave. Discard the clutch. The following image shows possible drill hole ② locations.

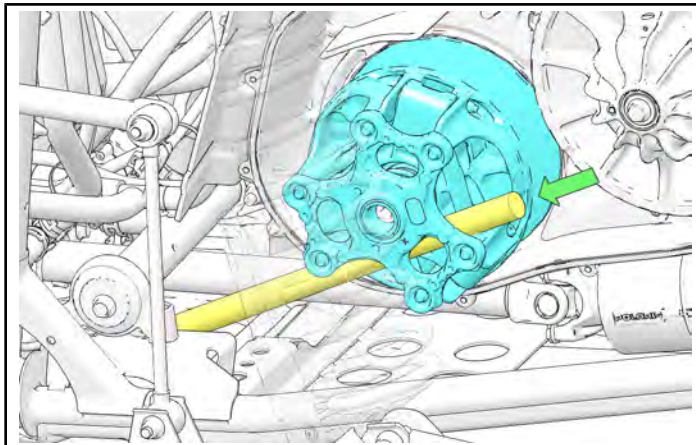
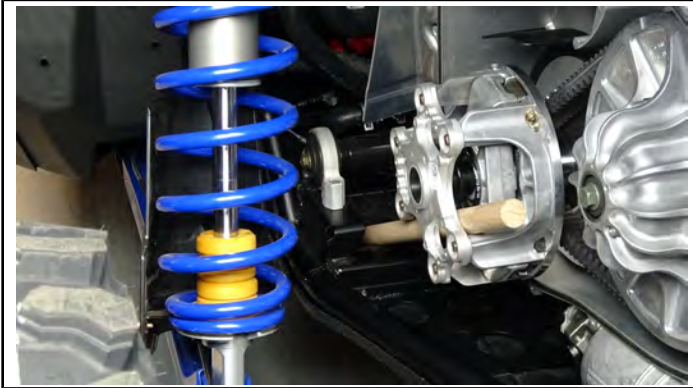


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3. Install the Primary Clutch Holding Tool or a hardwood dowel to hold the primary clutch.

Primary Clutch Holding Tool:
PU-52944

Dowel Use: using a 1" diameter by 18" long hardwood dowel insert the dowel through the primary clutch allowing it to rest against the chassis underneath the front engine cross member as shown.



CAUTION

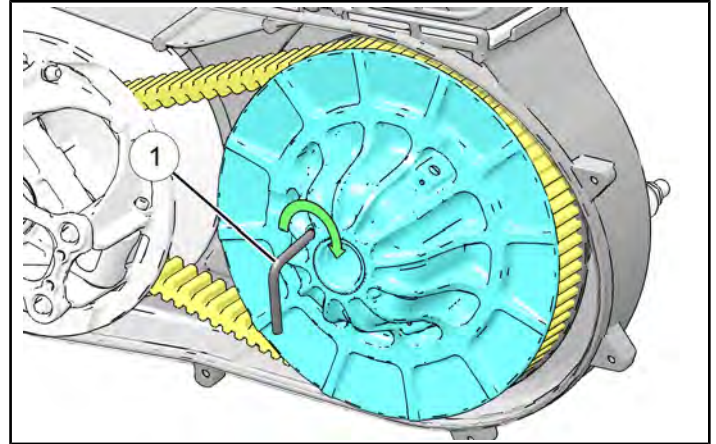
The dowel must NOT touch the machined tower surface of the primary clutch, damage to the primary clutch may result.

4. Torque the primary clutch bolt.

TORQUE

Primary Clutch Bolt:
140 ft-lbs (190 Nm)

5. With the clutch spreader tool ① installed, loop the belt over the primary clutch and over the driven clutch. Verify correct belt orientation.



Clutch Spreader Tool:
2883577

6. Remove the clutch spreader tool ① from driven clutch.
7. Rotate / spin the driven clutch and belt approximately 5-7 times clockwise to properly seat the belt in the driven clutch.

IMPORTANT

5 shims are provided in the kit to allow for proper clutch alignment. Shims install to the secondary clutch, and up to 8 shims can be installed if additional adjustment is necessary. Extras may be discarded.

8. Check clutch alignment by verifying drive belt position within the primary clutch. Drive belt should ride on the center of the primary clutch bearing without contacting either sheave. If adjustments are needed refer to the clutch alignment procedure in the applicable service manual.

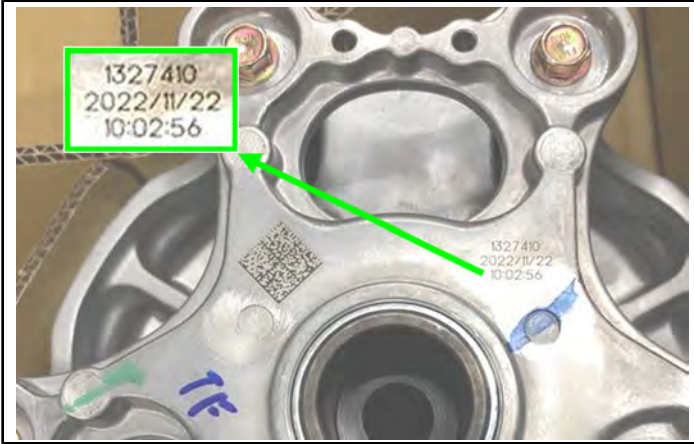
NOTICE

Inspect where the belt is riding on the primary clutch. A mobile device can be used to capture a picture of the belt tracking to determine if adjustment is needed.

9. Record the manufacturing information numbers located on the front of the *NEW* clutch/clutch spider cover.

IMPORTANT

Record the manufacturing information numbers on the *NEW* primary clutch for warranty claims processing. Claims filing will not be permitted without the *NEW* primary clutch manufacturing information numbers.

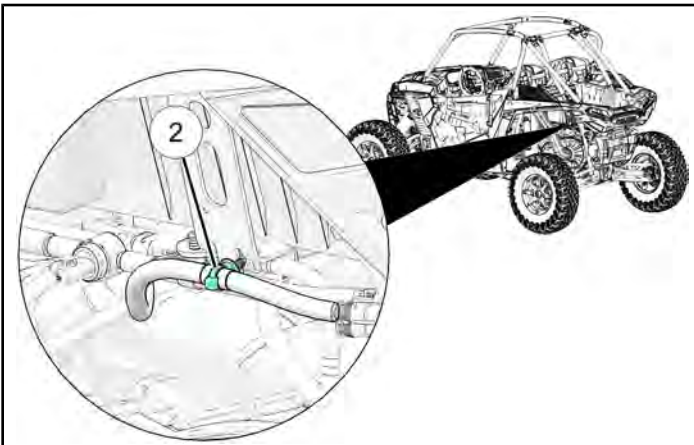


Clutch Part Number: _____
 Clutch Production Date: _____
 Clutch Production Time: _____

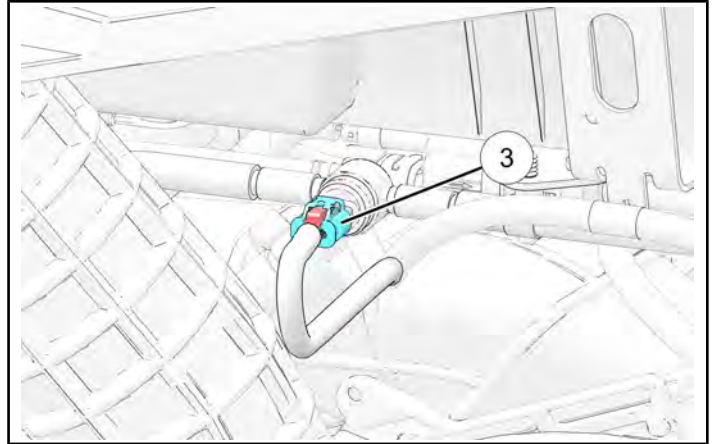
10. Disconnect the fir tree clip ② on the box harness from the box support.

NOTICE

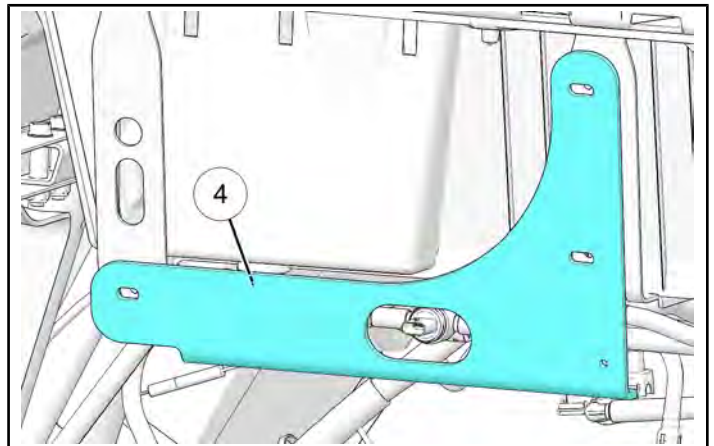
If the fir tree clip is damaged during removal, a replacement clip is provided in the kit.



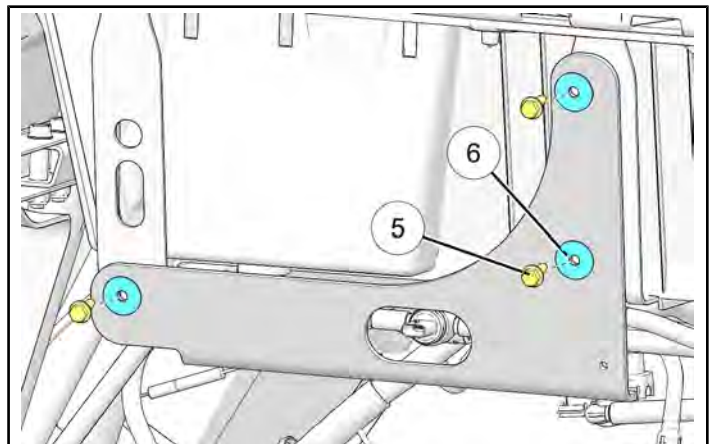
11. Release the secondary retaining clip ③ on the fuel pressure sensor using a screwdriver or pick. Push down on the connector tab to release the connector.



12. Set the fuel line bracket ④ into place.



13. Loosely install the three fasteners ⑤ and washers ⑥ into the box support, two in the rear box support and one in the front box support.



14. Torque the fasteners on the box supports to specification.

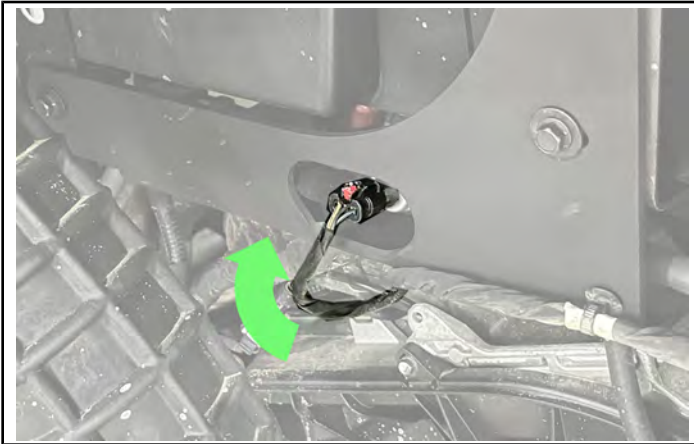
TORQUE

**Box Support Fasteners ⑥:
11 ft-lbs (15 N·m)**

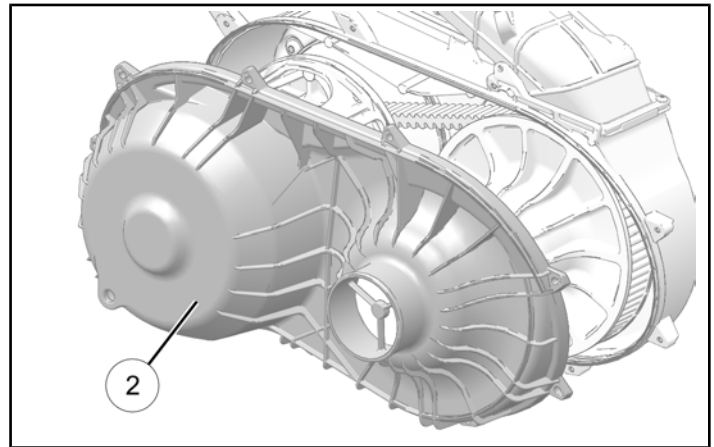
15. Attach the box harness to the fuel line bracket. If the fir tree clip has been damaged, a replacement is provided in the kit.



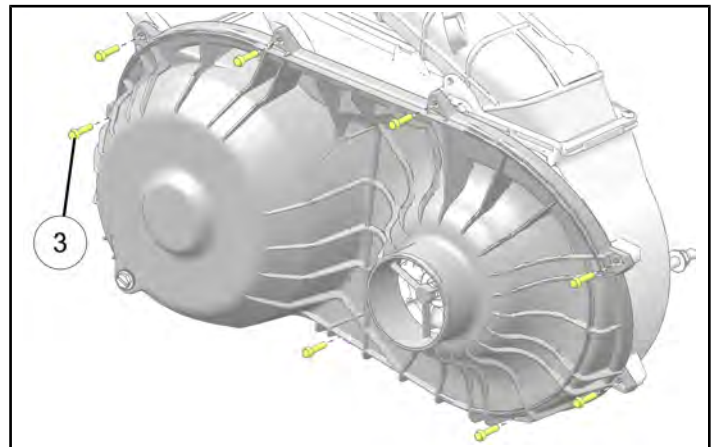
16. Route the fuel pressure sensor harness underneath and back through the hole in the bracket. Connect it to the sensor until a click is heard, and engage the red secondary retaining tab by pushing it towards the sensor.



17. Install the outer PVT cover ②.



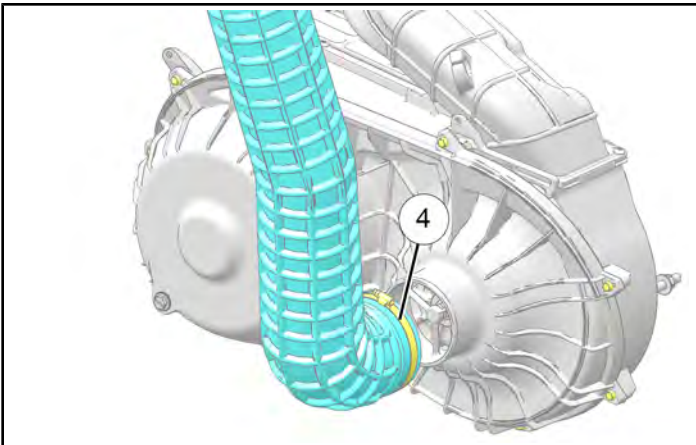
18. Install the outer cover fasteners ③. Torque to specification.



TORQUE

**Outer Clutch Cover Fasteners:
36 in-lbs (4 Nm)**

19. Install the PVT inlet duct to the outer clutch cover.
Torque the clamp ④ retaining the duct to the cover.



TORQUE

PVT Intake Hose Clamp:
25 in-lbs (3 Nm)

NOTICE

Continue on to the ECU Calibration Reflash procedure
and the Repair Verification instructions.

ECU CALIBRATION REFLASH / UPDATE PROCEDURE

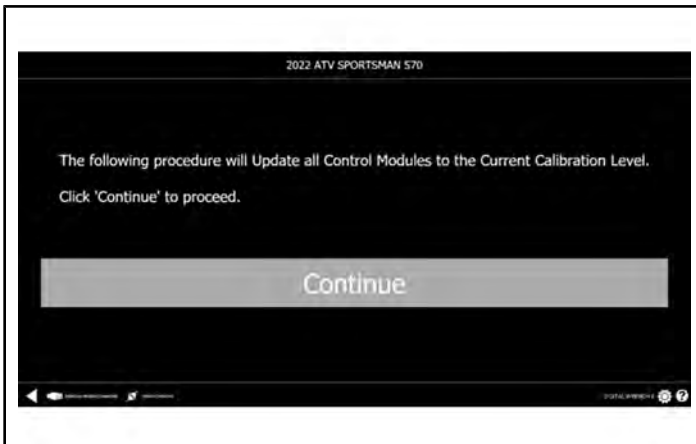
NOTICE

Reflash must be completed in Digital Wrench II. Reflashing for the affected models has been disabled in Digital Wrench I.

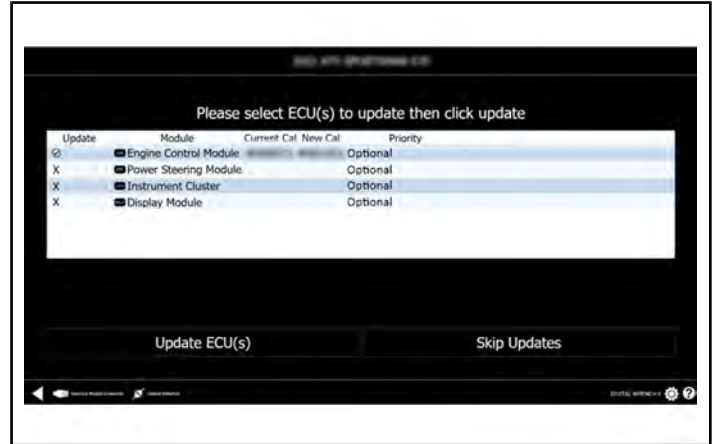
1. Connect the vehicle to Digital Wrench. Refer to the Digital Wrench II User Manual for information on connecting Digital Wrench II. Go to DEX > Service and Warranty > STOP Site > Other Publications > DWII User Manual.
2. Click the **Vehicle Update** button.



3. Click the **Continue** button. Digital Wrench will gather data from the vehicle modules.



4. Select the Engine Control Module and any other modules with an update available, and click **Update ECU(s)**.




5. If prompted, enter your DEX/iDEX credentials to continue.
6. If prompted, obtain a reflash authorization code and enter it into the popup window.
7. Digital Wrench will begin reflashing the module. This may take several minutes to complete. Monitor the progress on the Digital Wrench II screen. The **Continue** button will begin to flash when the reflash is complete. Click **Continue** and cycle the ignition key off for 30 seconds and back on, then verify proper operation of the unit.

REPAIR VERIFICATION

1. Start the vehicle engine.
2. Make sure the vehicle shifts smoothly and does not unintentionally move in gear (clutch creep).
3. Make sure the tail/brake lights operate correctly.
4. Verify no warning lights or malfunction lights are indicated on the display.
5. Submit the Service Report via Digital Wrench II.
6. Continue to the next step for claim submission instructions.

- 7. Submit a Service Bulletin Warranty Claim for Z-22-05-A once verification steps are completed.

REQUIRED CLUTCH MANUFACTURING INFORMATION



Clutch Part Number ①: _____

Clutch Production Date ②: _____

Clutch Production Time ③: _____

Warranty Claim - Serial Number Entry

Claim Number: _____ VIN/PIN: _____ Product Line: _____

Warranty Claim contains parts that require the replacement part serial number.

NEW Primary Clutch Manufacturing Information: Clutch Information Unreadable or Illegible. Contact Technical Service:

1327410	2022	/	11	/	22	:	10	-	02	:	56
①	②		②		②		③		③		③

Z-22-05-B PROCEDURE

STOP!

Some international EU5/EGI Motors vehicles do not have a repair available at this time. Vehicles that do not have a repair available are on Part B of this Safety Recall. Claims may not be filed for this yet. Polaris will update this communication when the repair is available for EU5/EGI Motors vehicles.

TOOLS REQUIRED

- 8mm Socket
- 1/4" Socket
- Ratchet
- Torx T60
- Torque Wrench
- Drive Clutch Holding Tool **PU-52944** or 1" diameter by 18" long hardwood dowel.
- Clutch Puller **PU-52422**
- Clutch Spreader Tool **2883577**
- 10mm Socket
- Wire cutters
- Pick tool

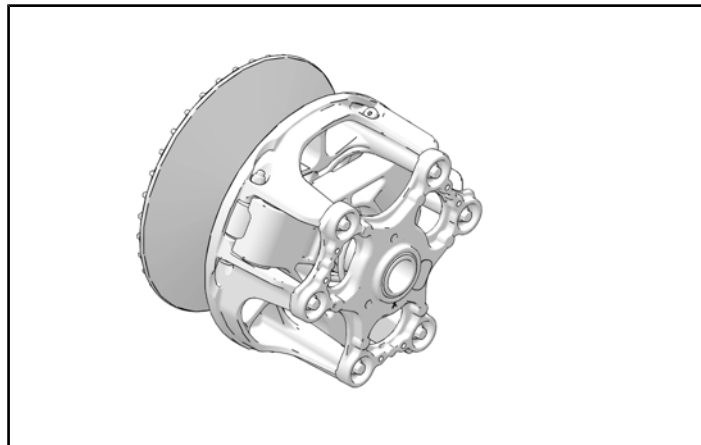
REPLACEMENT PARTS INFORMATION

Service parts used in this bulletin look similar, but contain different primary clutch components. Ensure the correct clutch is installed.

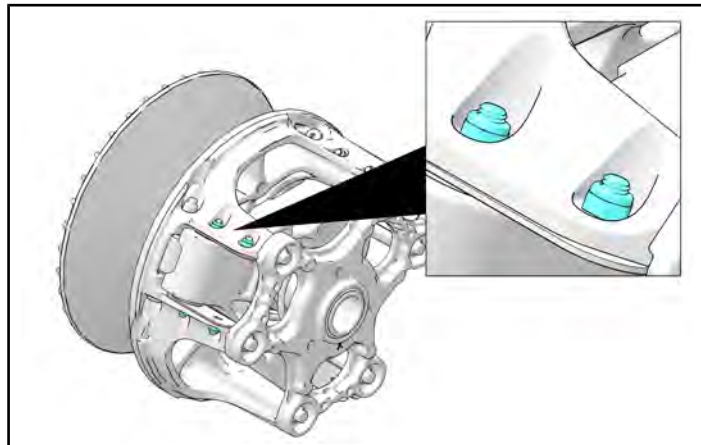
⚠ WARNING

Ensure that the correct clutch is installed. Installing the incorrect clutch can result in a vehicle hazard. Review the following images and table to ensure that the correct clutch is installed on the affected vehicle.

OLD CLUTCH

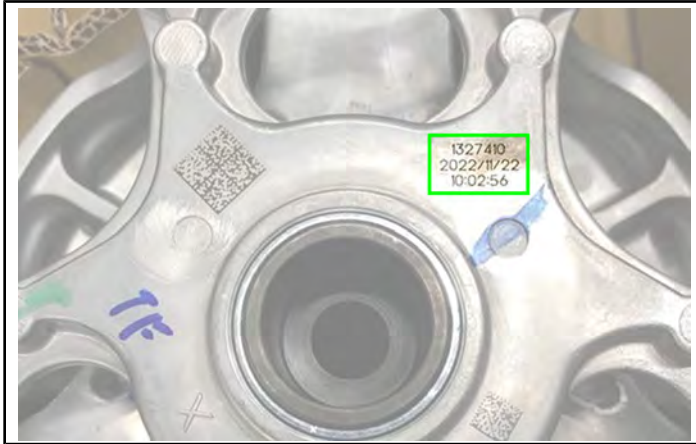


NEW CLUTCH



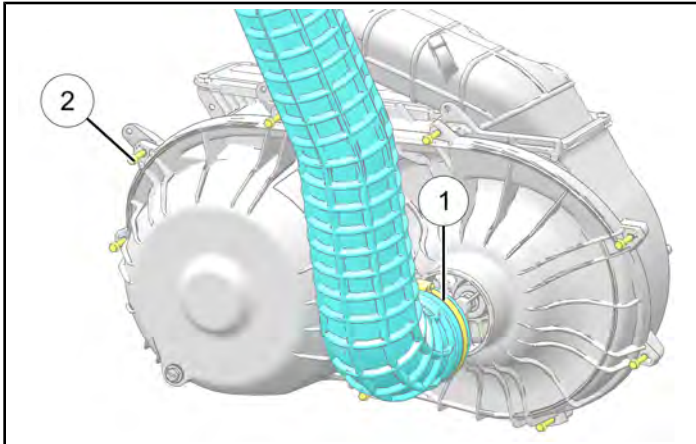
MODEL	NEW PART NUMBER (PN)
RZR TURBO S	1327410
RZR TURBO S 4	
RZR XP TURBO	
RZR XP 4 TURBO	

Reference the image below for the location of the part number on the *NEW* clutch.



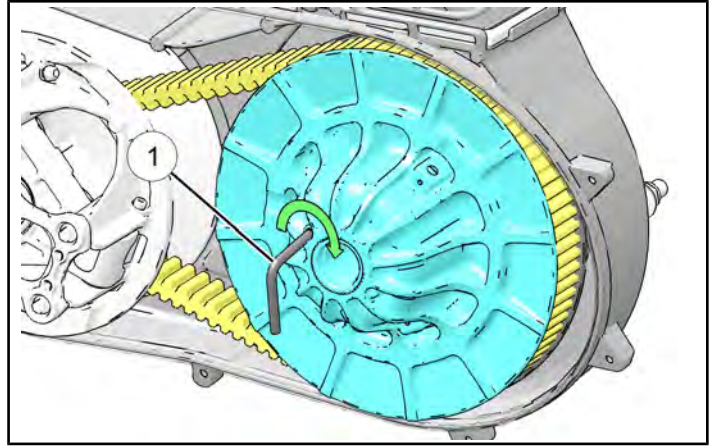
CLUTCH REMOVAL

1. Loosen the clamp ① retaining PVT inlet duct to the outer clutch cover.
2. Loosen the fasteners ② that retain the outer clutch cover. Remove the clutch cover.



3. Mark the drive belt direction of rotation so that it can be installed in the same direction.

4. Insert clutch spreader tool into the driven clutch and turn the tool clockwise to open the sheaves on the driven clutch.



Clutch Spreader Tool:
2883577

5. Remove the drive belt from the driven clutch and drive clutch. Remove the belt from the vehicle.

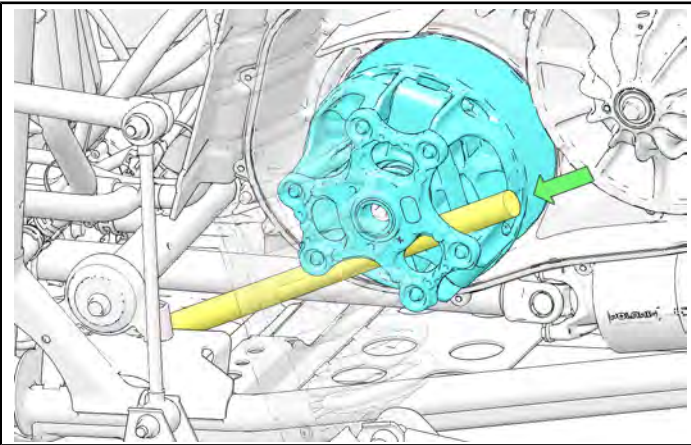
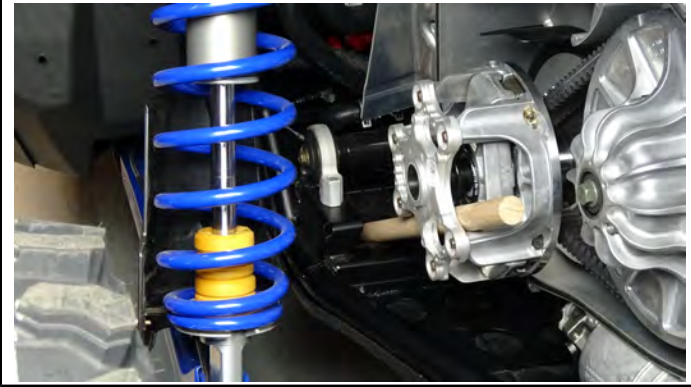
IMPORTANT

Note the orientation of the drive belt for installation.

6. Install the Drive Clutch Holding Tool or a hardwood dowel to hold the drive clutch.

Drive Clutch Holding Tool:
PU-52944

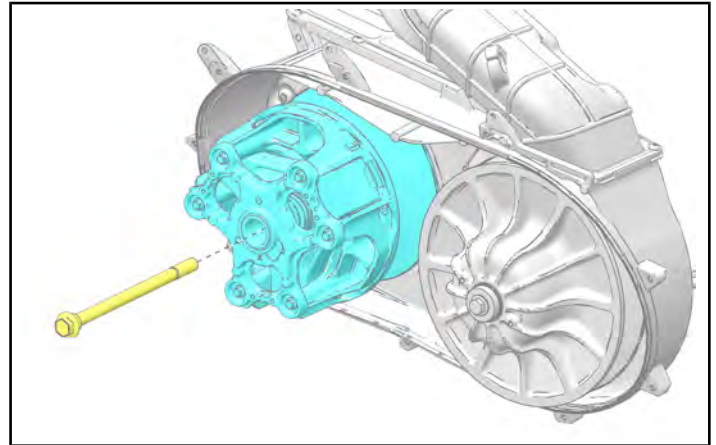
Dowel Use: using a 1" diameter by 18" long hardwood dowel insert the dowel through the drive clutch allowing it to rest against the chassis underneath the front engine cross member as shown.



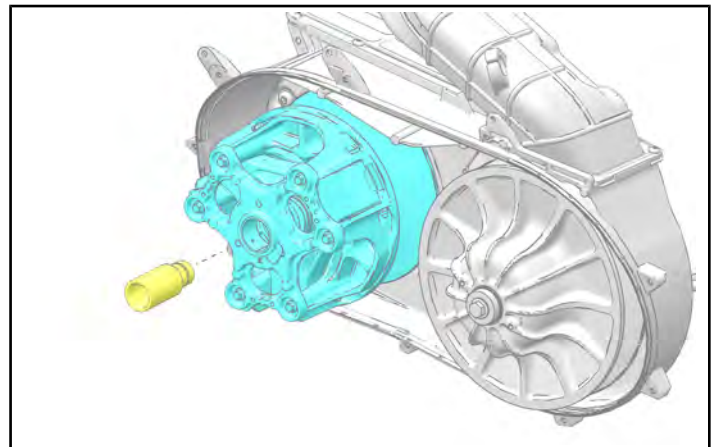
CAUTION

The dowel must NOT touch the machined tower surface of the drive clutch, damage to the drive clutch may result.

7. Remove the drive clutch retaining bolt using a T-60 Torx internal driver and DISCARD.

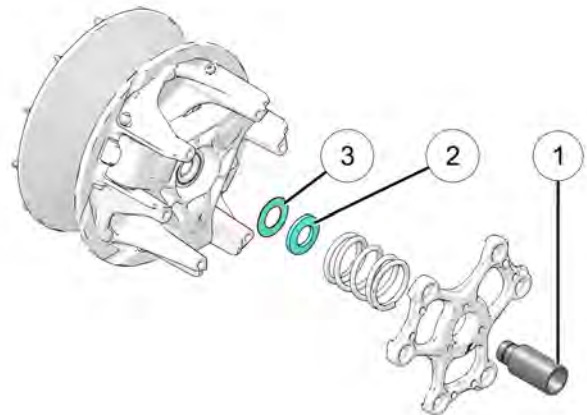


8. Remove the outer slip fit post.

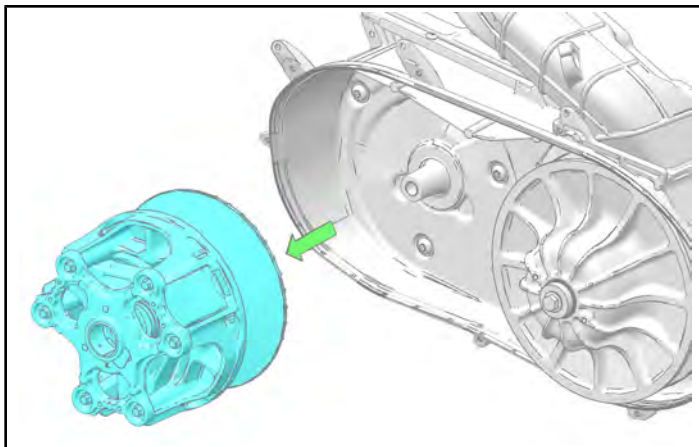


NOTICE

When the outer slip-fit post ① is removed, the belleville washer ② and flat washer ③ will fall out of the clutch assembly. **DISCARD** the slip-fit post and washers. These will be pre-installed in the **NEW** clutch assembly.

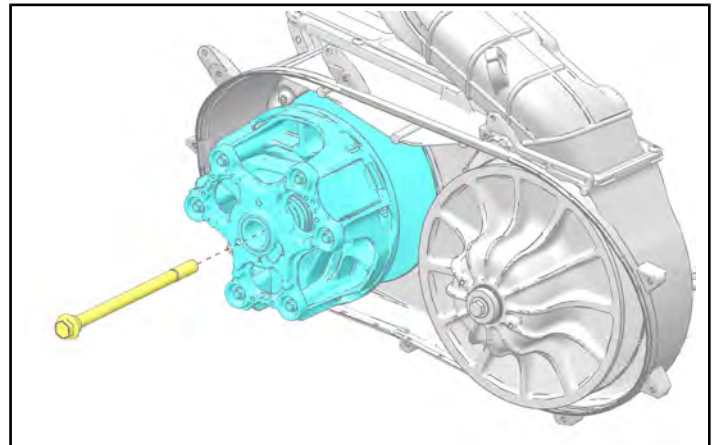


9. Using Drive Clutch Puller (PN **PU-52422**), remove the primary clutch assembly.



CLUTCH AND FUEL LINE BRACKET INSTALLATION

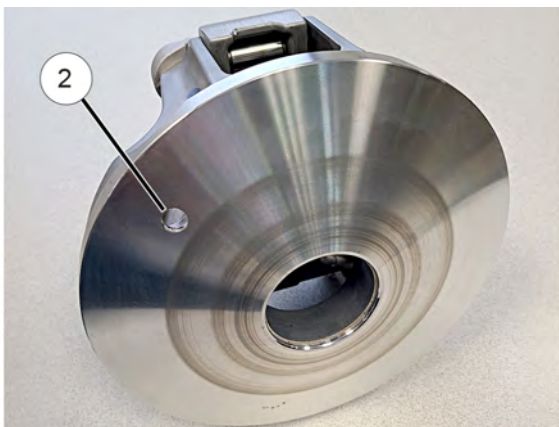
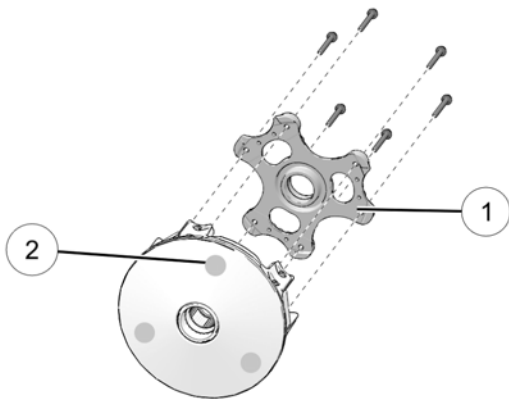
1. Clean the crankshaft taper using isopropyl alcohol or an equivalent. Allow to dry prior to installation.
2. Install the *NEW* primary (drive) clutch assembly and *NEW* primary clutch bolt.



STOP!

Remove the primary clutch assembly from service by completing the following:

1. Return the primary clutch spider cover ① to Polaris via warranty parts return.
2. Render the remaining primary clutch assembly unusable by drilling a hole ② in the moveable sheave. Discard the clutch. The following image shows possible drill hole ② locations.

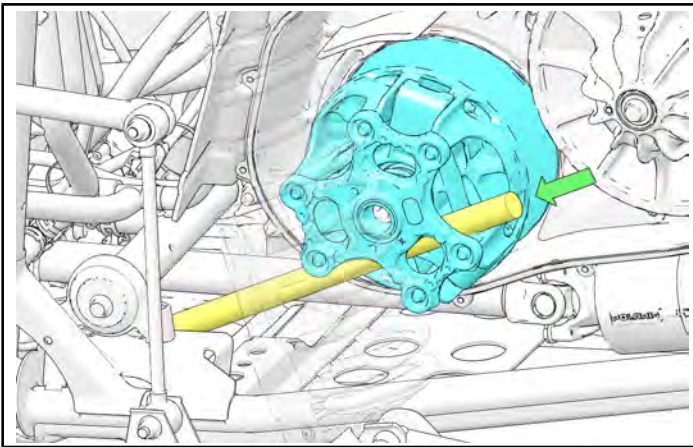
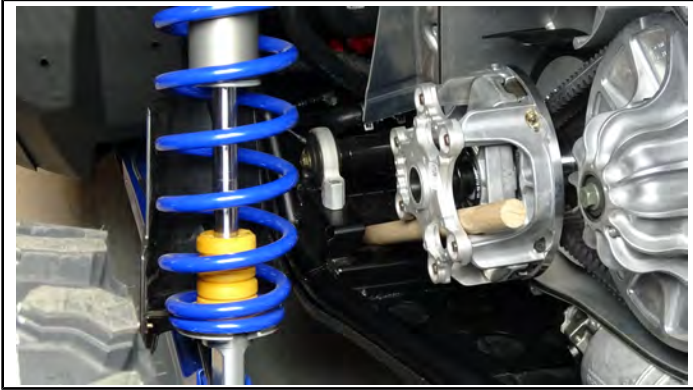


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3. Install the Primary Clutch Holding Tool or a hardwood dowel to hold the primary clutch.

Primary Clutch Holding Tool:
PU-52944

Dowel Use: using a 1" diameter by 18" long hardwood dowel insert the dowel through the primary clutch allowing it to rest against the chassis underneath the front engine cross member as shown.



CAUTION

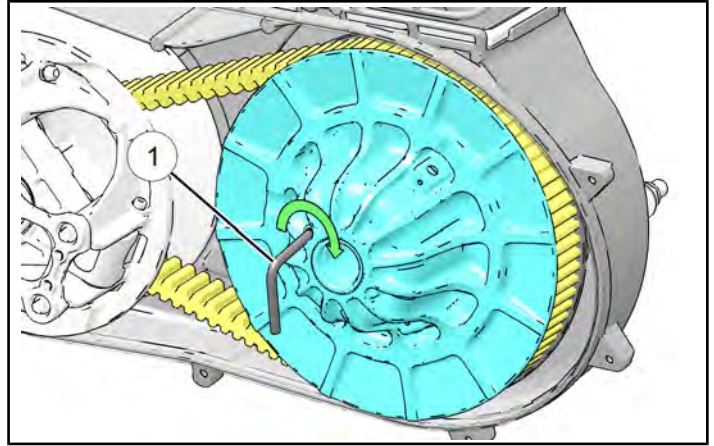
The dowel must NOT touch the machined tower surface of the primary clutch, damage to the primary clutch may result.

4. Torque the primary clutch bolt.

TORQUE

Primary Clutch Bolt:
140 ft-lbs (190 Nm)

5. With the clutch spreader tool ① installed, loop the belt over the primary clutch and over the driven clutch. Verify correct belt orientation.



Clutch Spreader Tool:
2883577

6. Remove the clutch spreader tool ① from driven clutch.
7. Rotate / spin the driven clutch and belt approximately 5-7 times clockwise to properly seat the belt in the driven clutch.

IMPORTANT

5 shims are provided in the kit to allow for proper clutch alignment. Shims install to the secondary clutch, and up to 8 shims can be installed if additional adjustment is necessary. Extras may be discarded.

8. Check clutch alignment by verifying drive belt position within the primary clutch. Drive belt should ride on the center of the primary clutch bearing without contacting either sheave. If adjustments are needed refer to the clutch alignment procedure in the applicable service manual.

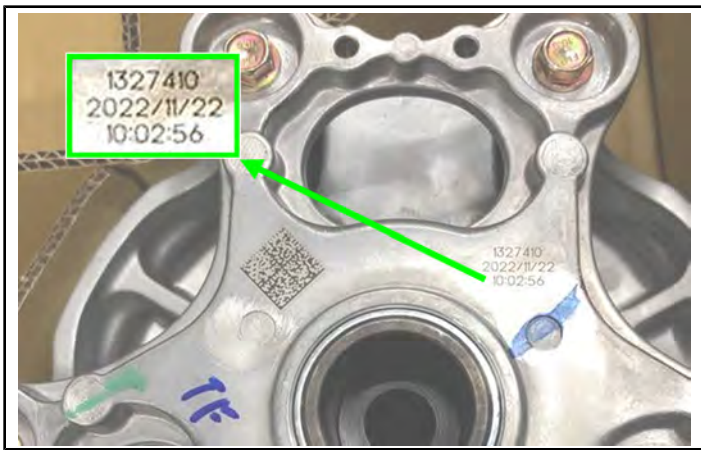
NOTICE

Inspect where the belt is riding on the primary clutch. A mobile device can be used to capture a picture of the belt tracking to determine if adjustment is needed.

9. Record the manufacturing information numbers located on the front of the *NEW* clutch/clutch spider cover.

IMPORTANT

Record the manufacturing information numbers on the *NEW* primary clutch for warranty claims processing. Claims filing will not be permitted without the *NEW* primary clutch manufacturing information numbers.

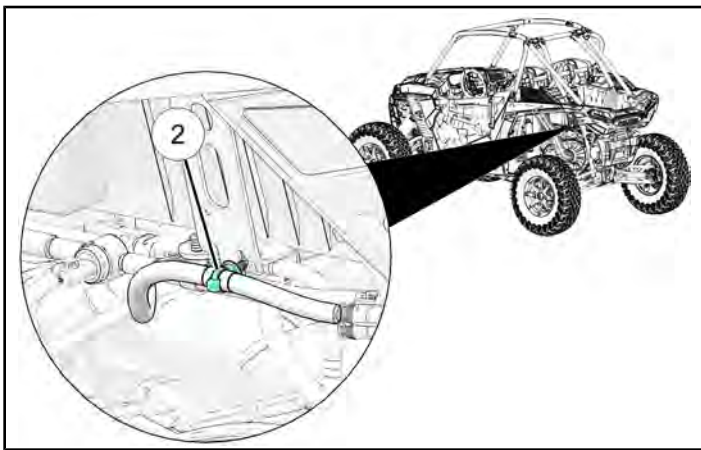


Clutch Part Number: _____
 Clutch Production Date: _____
 Clutch Production Time: _____

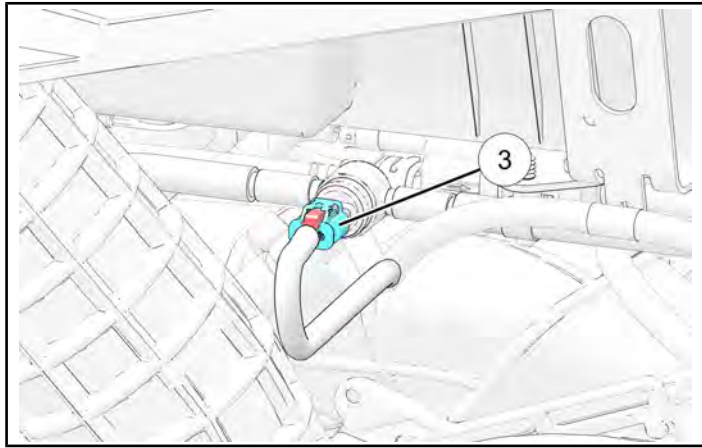
10. Disconnect the fir tree clip ② on the box harness from the box support.

NOTICE

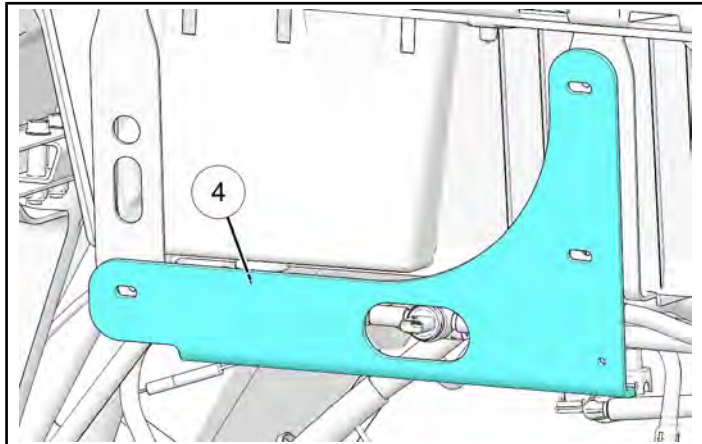
If the fir tree clip is damaged during removal, a replacement clip is provided in the kit.



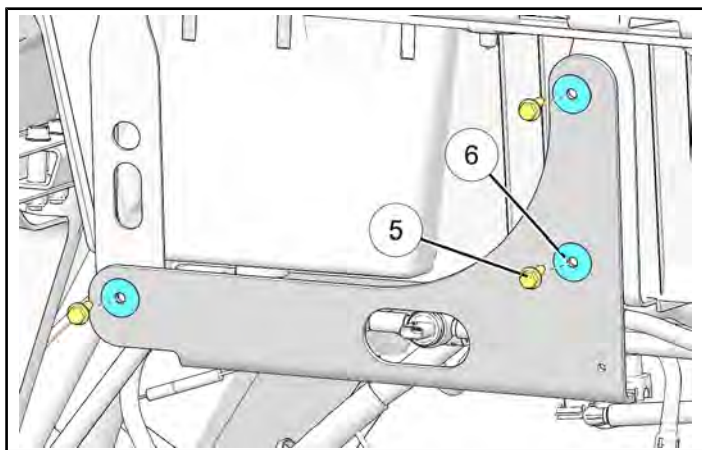
11. Release the secondary retaining clip ③ on the fuel pressure sensor using a screwdriver or pick. Push down on the connector tab to release the connector.



12. Set the fuel line bracket ④ into place.



13. Loosely install the three fasteners ⑤ and washers ⑥ into the box support, two in the rear box support and one in the front box support.



14. Torque the fasteners on the box supports to specification.

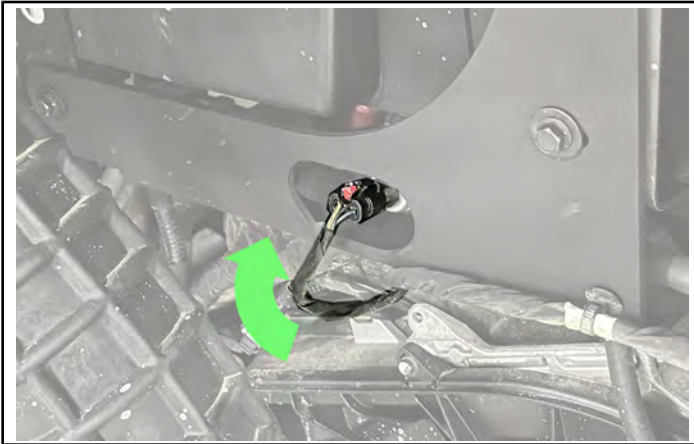
TORQUE

**Box Support Fasteners ⑥:
11 ft-lbs (15 N·m)**

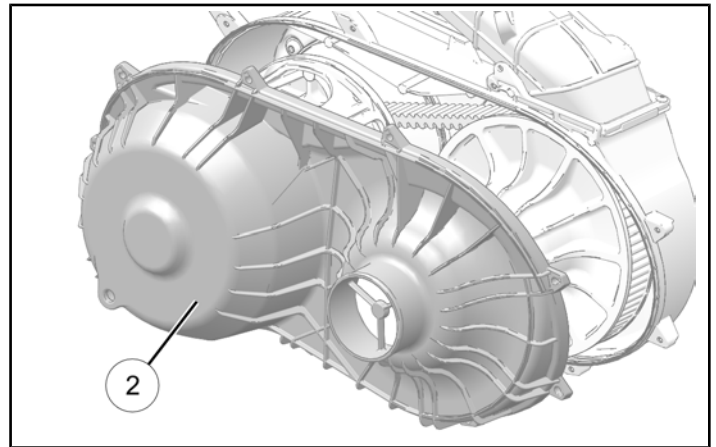
15. Attach the box harness to the fuel line bracket. If the fir tree clip has been damaged, a replacement is provided in the kit.



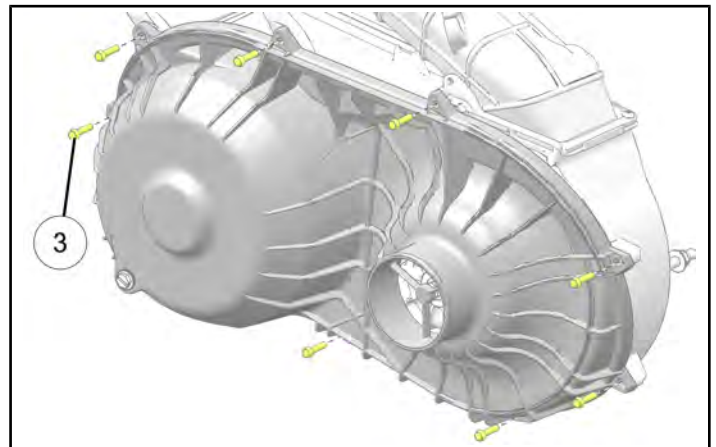
16. Route the fuel pressure sensor harness underneath and back through the hole in the bracket. Connect it to the sensor until a click is heard, and engage the red secondary retaining tab by pushing it towards the sensor.



17. Install the outer PVT cover ②.



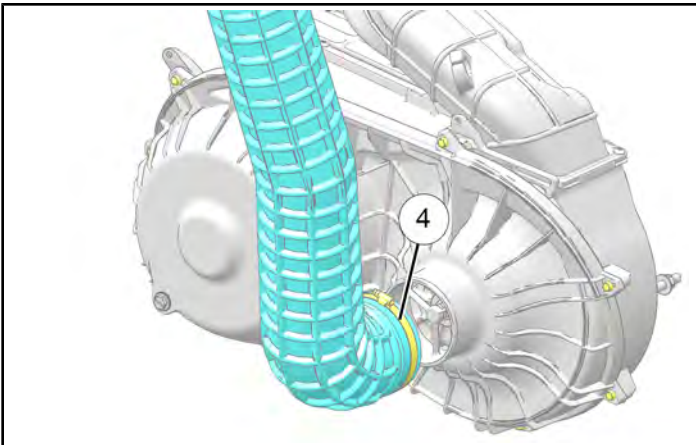
18. Install the outer cover fasteners ③. Torque to specification.



TORQUE

**Outer Clutch Cover Fasteners:
36 in-lbs (4 Nm)**

19. Install the PVT inlet duct to the outer clutch cover.
Torque the clamp ④ retaining the duct to the cover.



TORQUE

PVT Intake Hose Clamp:
25 in-lbs (3 Nm)

NOTICE

Continue on to the ECU Calibration Reflash procedure
and the Repair Verification instructions.

ECU CALIBRATION REFLASH / UPDATE PROCEDURE

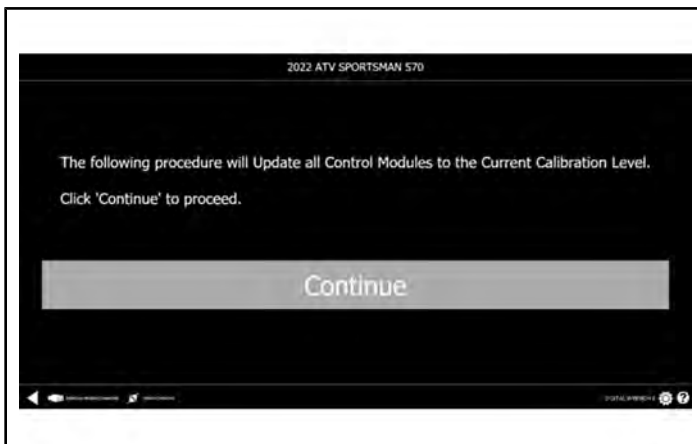
NOTICE

Reflash must be completed in Digital Wrench II. Reflashing for the affected models has been disabled in Digital Wrench I.

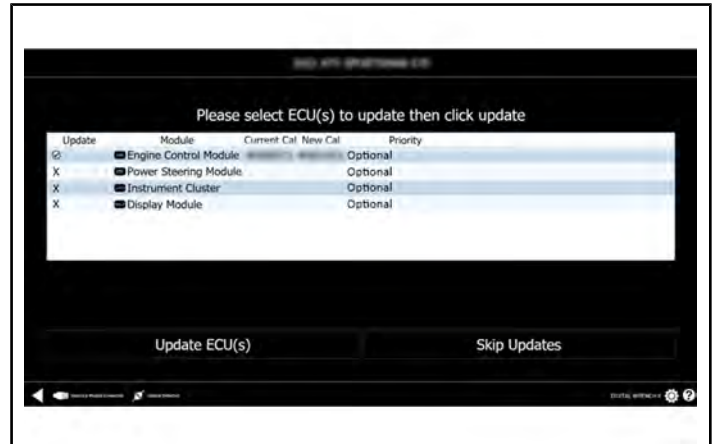
1. Connect the vehicle to Digital Wrench. Refer to the Digital Wrench II User Manual for information on connecting Digital Wrench II. Go to DEX > Service and Warranty > STOP Site > Other Publications > DWII User Manual.
2. Click the **Vehicle Update** button.



3. Click the **Continue** button. Digital Wrench will gather data from the vehicle modules.



4. Select the Engine Control Module and any other modules with an update available, and click **Update ECU(s)**.



5. If prompted, enter your DEX/iDEX credentials to continue.
6. If prompted, obtain a reflash authorization code and enter it into the popup window.
7. Digital Wrench will begin reflashing the module. This may take several minutes to complete. Monitor the progress on the Digital Wrench II screen. The **Continue** button will begin to flash when the reflash is complete. Click **Continue** and cycle the ignition key off for 30 seconds and back on, then verify proper operation of the unit.

REPAIR VERIFICATION

1. Start the vehicle engine.
2. Make sure the vehicle shifts smoothly and does not unintentionally move in gear (clutch creep).
3. Make sure the tail/brake lights operate correctly.
4. Verify no warning lights or malfunction lights are indicated on the display.
5. Submit the Service Report via Digital Wrench II.
6. Warranty claim submission is not available at this time for Z-22-05-B.

STOP!

Some international EU5/EGI Motors vehicles do not have a repair available at this time. Vehicles that do not have a repair available are on Part B of this Safety Recall. Claims may not be filed for this yet. Polaris will update this communication when the repair is available for EU5/EGI Motors vehicles.