

# ATV KIT - Snorkel

Part number (SKU) : 715001730

|                        |                                      |
|------------------------|--------------------------------------|
| Product:               | <b>ATV</b>                           |
| Project no:            | <b>487800650</b>                     |
| Instruction Sheet P/N: | <b>487800650</b>                     |
| Revision no:           | <b>2</b>                             |
| Revision date:         | <b>June, 2017</b>                    |
| Item covered:          | <b>Snorkel (Kit P/N : 715001730)</b> |

The following symbols may be used in this document:

## WARNING

Indicates a hazardous situation which, if not avoided, could result in death or serious injury.

**⚠ CAUTION:** Indicates a hazard situation which, if not avoided, could result in minor or moderate injury.

**NOTICE** Indicates an instruction which, if not followed, could severely damage vehicle components or other property.

## WARNING

- For safety reasons, this kit must be installed by an authorized BRP dealer.
- This kit is designed for specific applicable models only (authorized BRP dealers will confirm model(s)). It is not recommended for units other than the one (those) for which it was sold.
- If the installation of the kit requires a template, ensure that template is to scale.
- Should removal of a locking device (e.g. lock tabs, self-locking fasteners, etc.) be required when undergoing disassembly/assembly, always replace with a new one.
- Torque wrench tightening specifications must strictly be adhered to.
- Some components may be HOT. Always wait for engine to cool down before performing work.

**NOTE:** USE TIGHTENING TORQUES IN THE FOLLOWING TABLE IF NOT OTHERWISE SPECIFIED.

|    | GRADE                         |                               |                                  |                               |
|----|-------------------------------|-------------------------------|----------------------------------|-------------------------------|
|    | 5.8                           | 8.8                           | 10.9                             | 12.9                          |
| M4 | 1.8 ± 0.2 N•m (16 ± 2 lbf•in) | 2.8 ± 0.2 N•m (25 ± 2 lbf•in) | 3.8 ± 0.2 N•m (34 ± 2 lbf•in)    | 4.5 ± 0.5 N•m (40 ± 4 lbf•in) |
| M5 | 3.3 ± 0.2 N•m (29 ± 2 lbf•in) | 5 ± 0.5 N•m (44 ± 4 lbf•in)   | 7.8 ± 0.7 N•m (69 ± 6 lbf•in)    | 9 ± 1 N•m (80 ± 9 lbf•in)     |
| M6 | 7.5 ± 1 N•m (66 ± 9 lbf•in)   | 10 ± 2 N•m (89 ± 18 lbf•in)   | 12.8 ± 2.2 N•m (113 ± 19 lbf•in) | 16 ± 2 N•m (142 ± 18 lbf•in)  |

|     |                                  |                                |                                |                                |
|-----|----------------------------------|--------------------------------|--------------------------------|--------------------------------|
| M8  | 15.3 ± 1.7 N•m (135 ± 15 lbf•in) | 24.5 ± 3.5 N•m (18 ± 3 lbf•ft) | 31.5 ± 3.5 N•m (23 ± 3 lbf•ft) | 40 ± 5 N•m (30 ± 4 lbf•ft)     |
| M10 | 29 ± 3 N•m (21 ± 2 lbf•ft)       | 48 ± 6 N•m (35 ± 4 lbf•ft)     | 61 ± 9 N•m (45 ± 7 lbf•ft)     | 73 ± 7 N•m (54 ± 5 lbf•ft)     |
| M12 | 52 ± 6 N•m (38 ± 4 lbf•ft)       | 85 ± 10 N•m (63 ± 7 lbf•ft)    | 105 ± 15 N•m (77 ± 11 lbf•ft)  | 128 ± 17 N•m (94 ± 13 lbf•ft)  |
| M14 | 85 ± 10 N•m (63 ± 7 lbf•ft)      | 135 ± 15 N•m (100 ± 11 lbf•ft) | 170 ± 20 N•m (125 ± 15 lbf•ft) | 200 ± 25 N•m (148 ± 18 lbf•ft) |
| M16 | 126 ± 14 N•m (93 ± 10 lbf•ft)    | 205 ± 25 N•m (151 ± 18 lbf•ft) | 255 ± 30 N•m (188 ± 22 lbf•ft) | 305 ± 35 N•m (225 ± 26 lbf•ft) |
| M18 | 170 ± 20 N•m (125 ± 15 lbf•ft)   | 273 ± 32 N•m (201 ± 24 lbf•ft) | 330 ± 25 N•m (243 ± 18 lbf•ft) | 413 ± 47 N•m (305 ± 35 lbf•ft) |

**NOTE:** The illustrations in this document show typical construction of the different assemblies and may not reproduce the full detail or exact shape of the parts; however, they represent parts that have the same or similar function.

Installation time is approximately 3.5 hours.

## VEHICLE HEAT PROTECTION

For increase engine protection, BRP recommends the installation of the Radiator Relocator kit (P/N 715 001 666) in conjunction with this kit.

Furthermore, it is highly recommended the use of the ATV Heat Dissipation kit (P/N 703 500 844) if you plan riding in these following condition.

- Extended deep snow or mud riding
- Low speed
- Plowing
- Towing
- Or with an Apache track kit installed.

## ACCESSORY COMPATIBILITY

This snorkel kit is not compatible with the XT Handlebar Protector Kit (P/N 715 000 271).





XT HANDLEBAR PROTECTOR KIT

In place, you may install the:

- Full Wrap Aluminum Mounting Kit (P/N 715 001 378)
- Or

- Short Aluminum Mounting Kit (P/N 715 001 379)  
with your choice of handlebar wind deflectors.

## ICON LEGEND

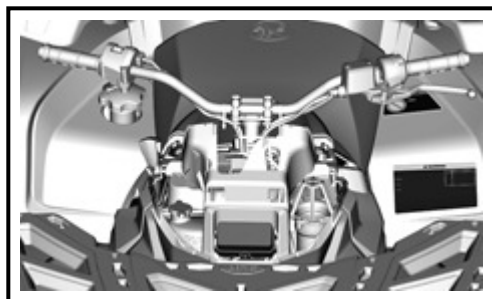
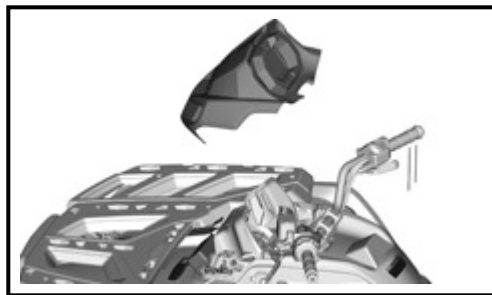
| Icon  | Indicate                      |
|---|-------------------------------|
|  | Parts to be discarded         |
|  | Parts kept for reinstallation |

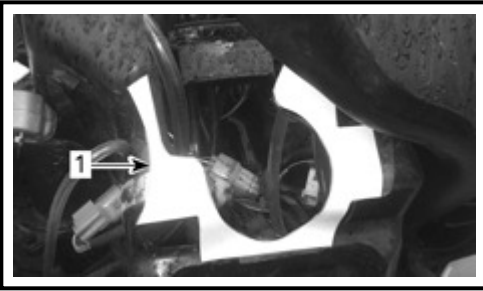
## INSTALLATION INSTRUCTIONS

**NOTE:** Prior to installation, please verify if a revised version of this instruction sheet is available on BOSSWeb.

### Vehicle Preparation

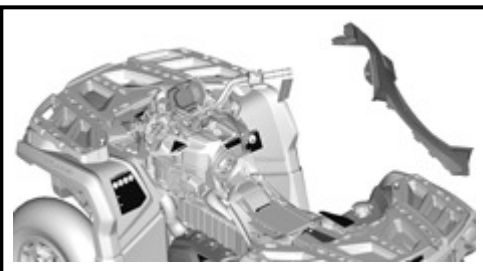
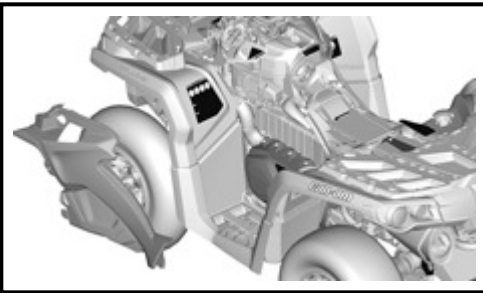
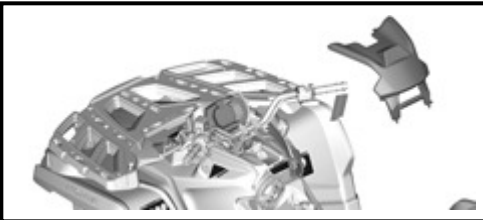
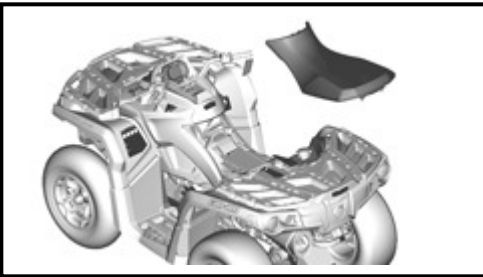
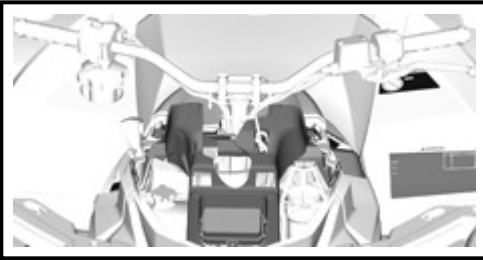
| Item | Description                      | Part number              | QTY |
|------|----------------------------------|--------------------------|-----|
| C1   | Console Support Cutting Template | Not Available Separately | 1   |

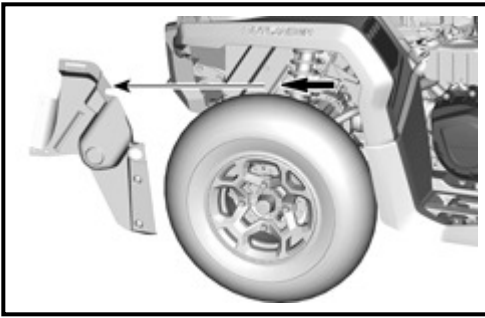




**CONSOLE SUPPORT**

1. Console support cutting template C1

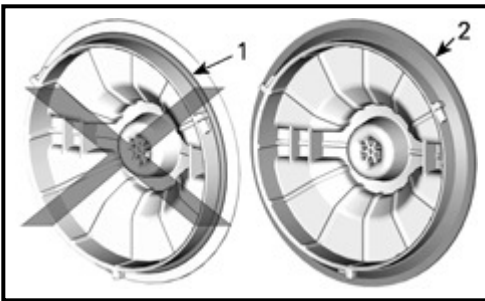
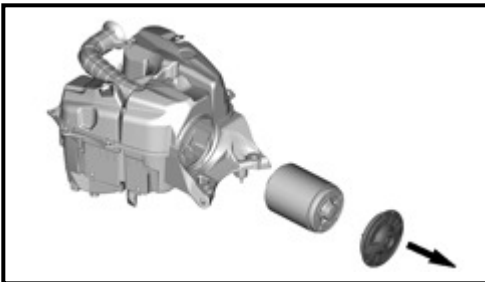
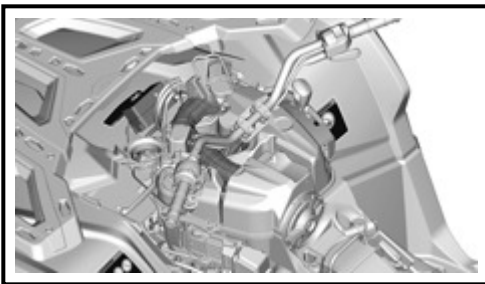




## Engine Air Intake

**NOTE:** On XMR MODELS, only the P4 needs to be install. All other parts are factory installed. Remember that equipment removal and illustration may be different.

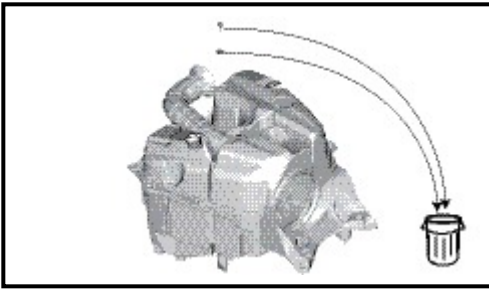
### Original Equipment Removal



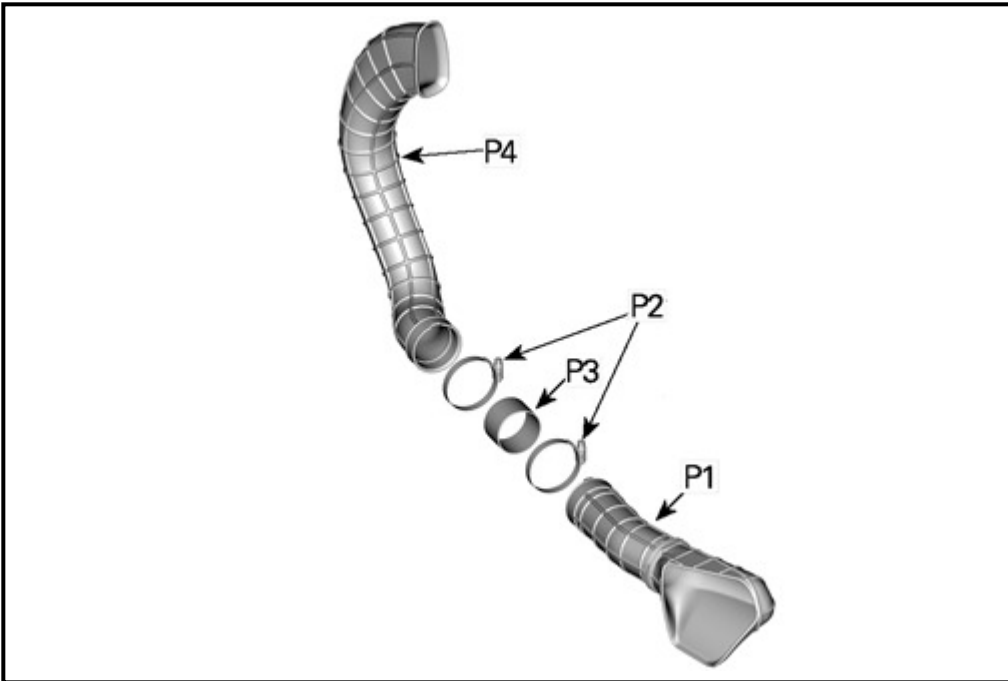
**AIR FILTER COVER**

- 1. 2012 and older
- 2. 2013 and newer

| <b>Recommended upgrade</b> |             |
|----------------------------|-------------|
| Item                       | Part Number |
| Air filter cover           | 707 800 518 |
| Air filter cover gasket    | 293 300 175 |

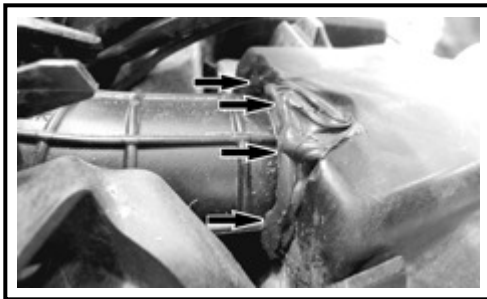
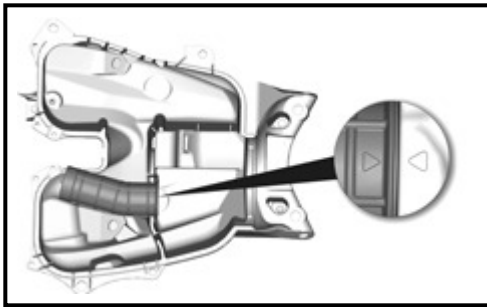
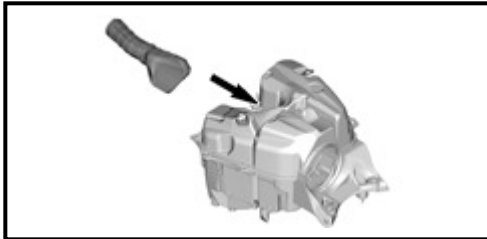
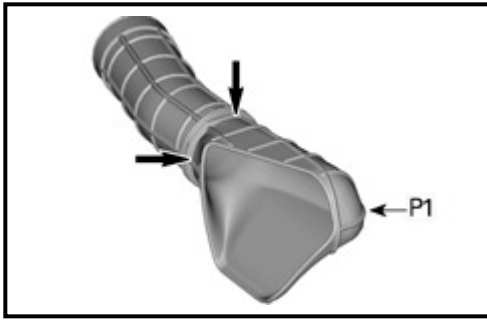


### Engine Air Intake Installation



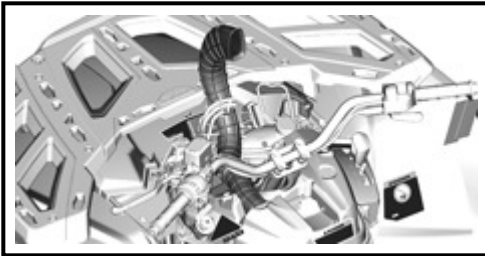
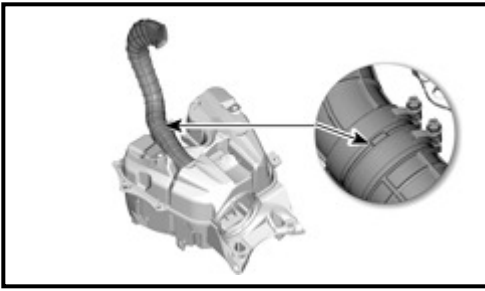
| Item | Description                                | Part number              | QTY |
|------|--|--------------------------|-----|
| P1   | Lower Engine Air Intake                    | 707 800 501              | 1   |
| P2   | Screw Clamp<br>40 to 60 mm (1.6 to 2.4 in) | 293 650 078              | 2   |
| P3   | Union                                      | 707 800 504              | 1   |
| P4   | Upper Engine Air Intake                    | Not Available Separately | 1   |

Apply LOCTITE 5900 (P/N 293 800 066) around lip on lower engine air intake [P1].



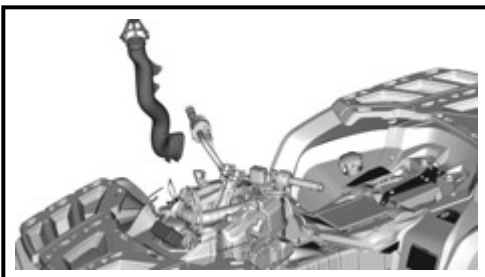
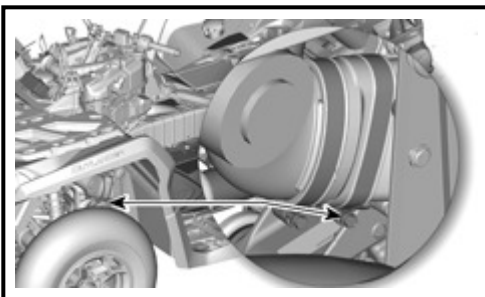
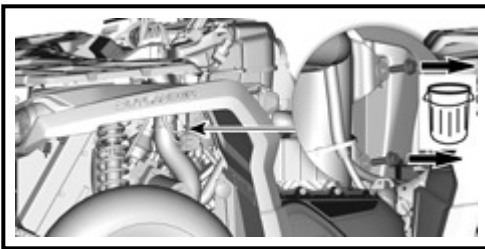
**NOTICE** Failure to properly seal lower engine air intake into air silencer assembly can cause severe engine damage.





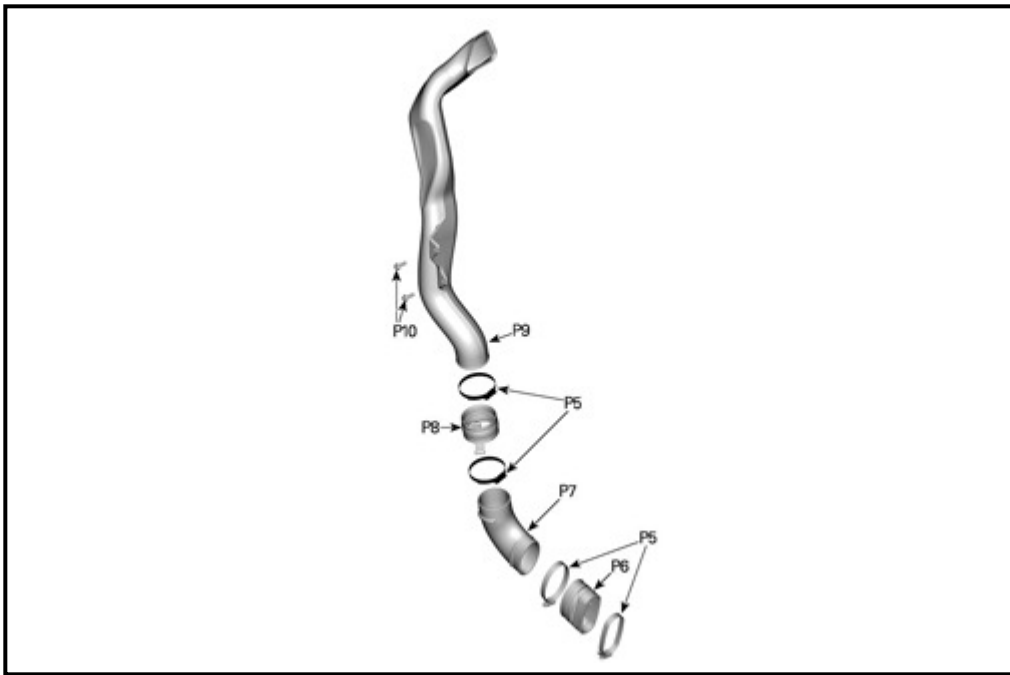
## CVT Air Intake

### Original Equipment Removal

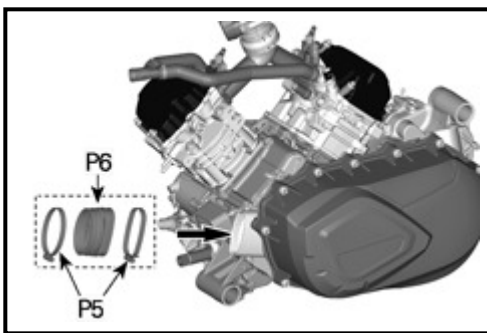


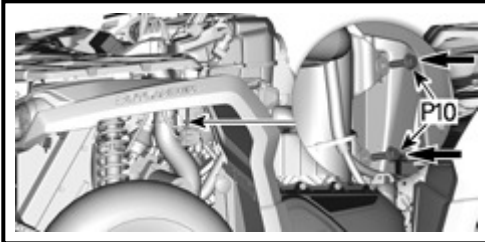
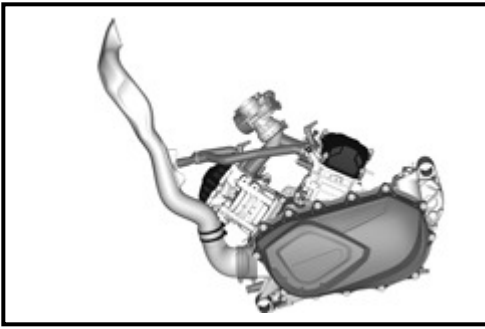
### CVT Air Intake Installation





| Item | Description                                | Part number              | QTY |
|------|--|--------------------------|-----|
| P5   | Screw Clamp<br>60 to 80 mm (2.4 to 3.1 in) | 293 650 091              | 4   |
| P6   | Oval Boot                                  | 707 001 043              | 1   |
| P7   | Elbow                                      | 707 001 087              | 1   |
| P8   | Round Boot                                 | Not Available Separately | 1   |
| P9   | CVT Air Inlet                              | Not Available Separately | 1   |
| P10  | M6 X 20 Shoulder Screw                     | 207 562 044              | 2   |



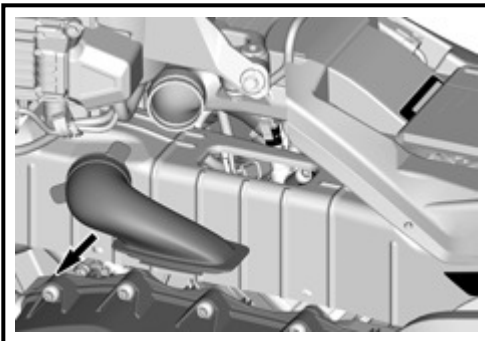
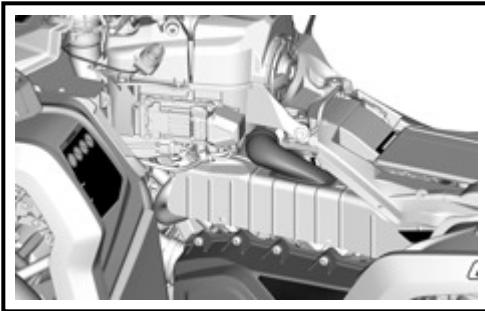


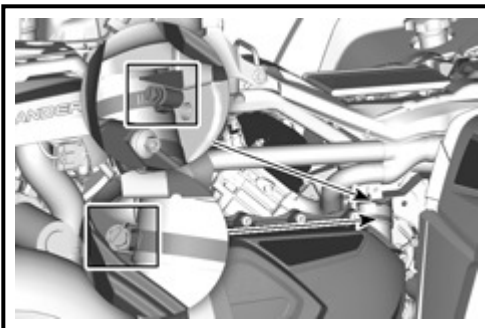
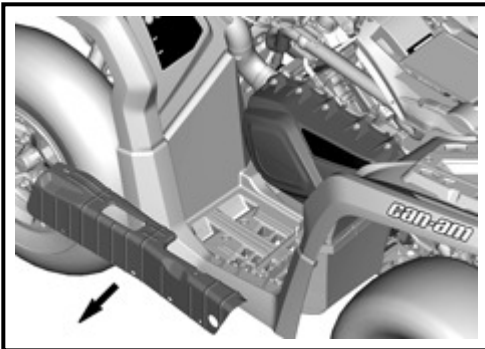
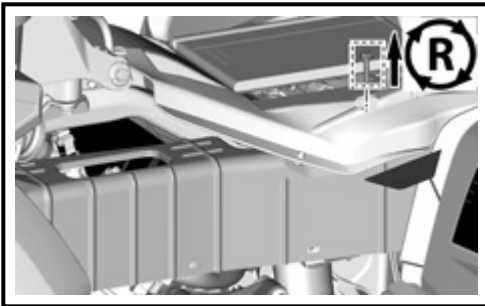
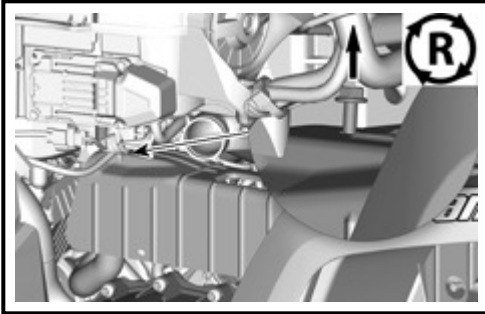
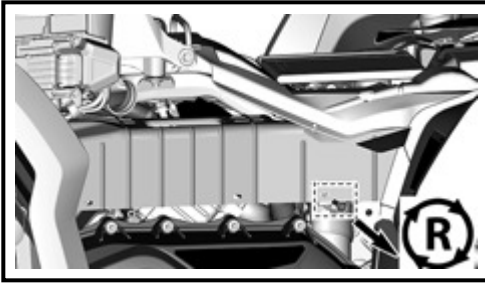
| Tightening torque       |                             |
|-------------------------|-----------------------------|
| M6 Shoulder Screw [P10] | 10 ± 2 N•m (89 ± 18 lbf•in) |

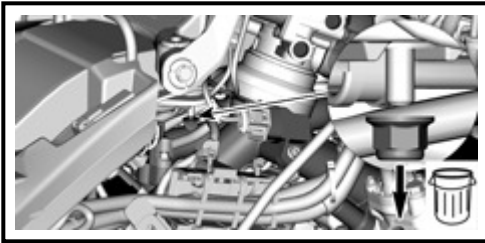
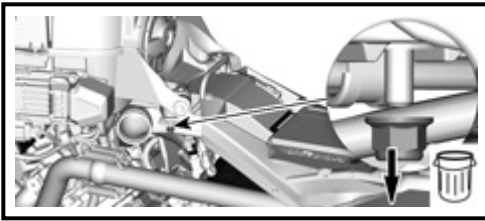
## CVT Air Outlet

**NOTE:** On XMR MODELS, only the P24 needs to be install. All other parts are factory installed. Remember that equipment removal and illustration may be different.

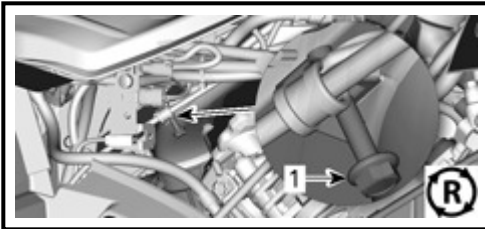
## Original Equipment Removal





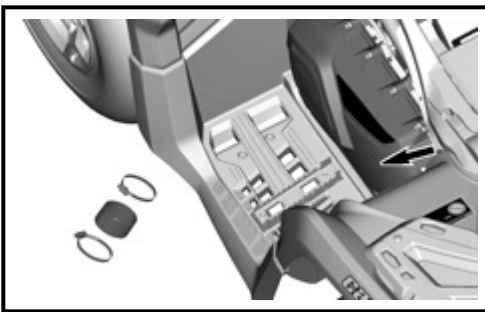
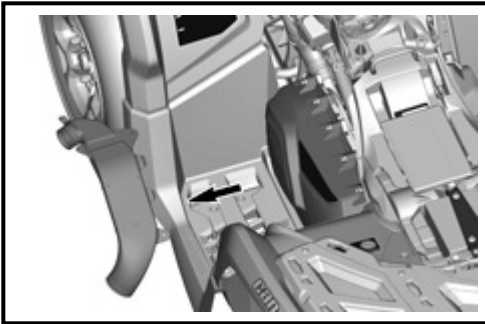


RH SIDE



RH SIDE

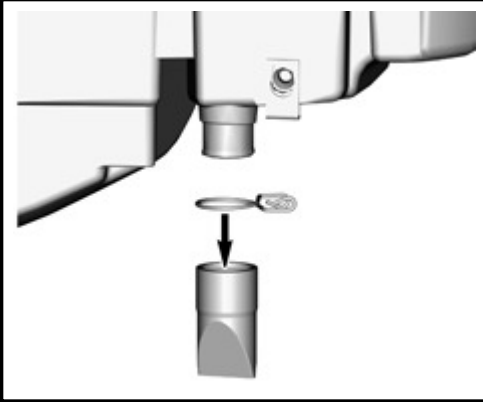
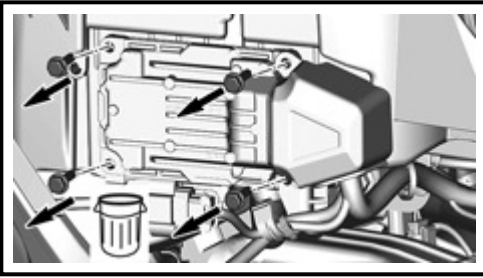
1. P-clamp screw



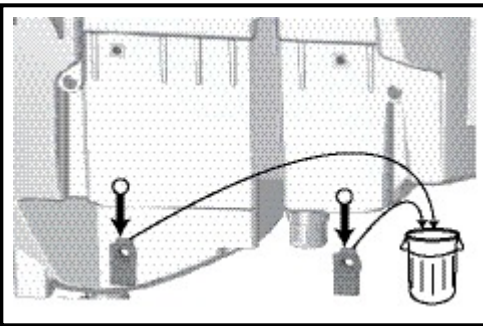
## ECM Relocation

**NOTE:** On XMR MODELS, the ECM localization is not required..

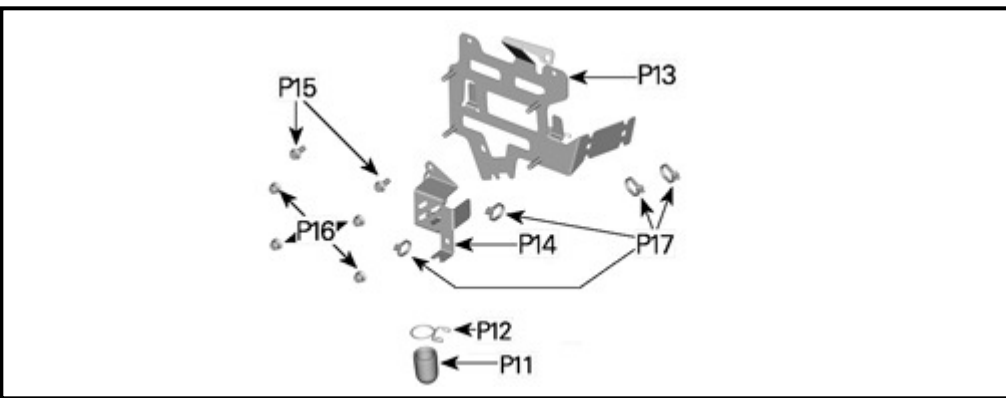
## Original Equipment Removal



AIR SILENCER ASSEMBLY - BEHIND ECU

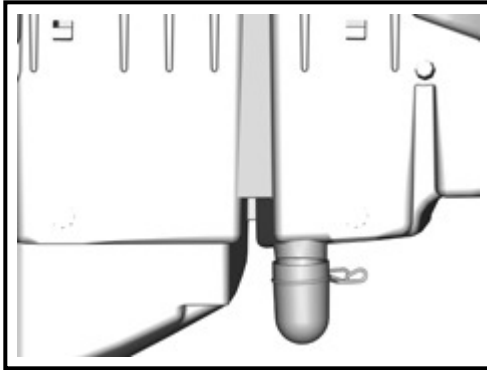


### ECM Relocation Installation

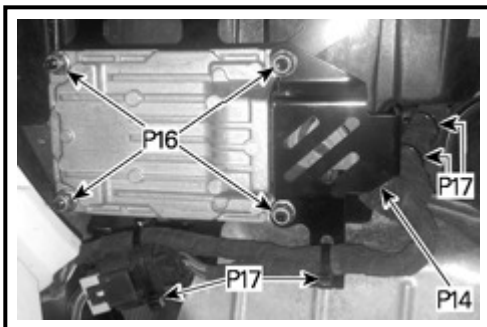
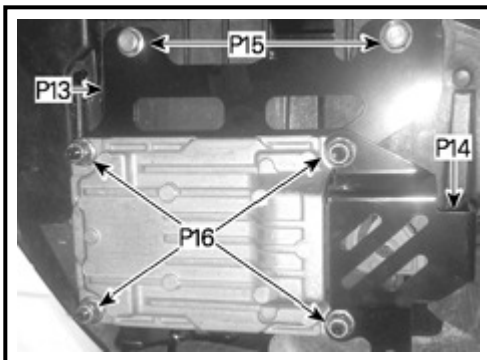
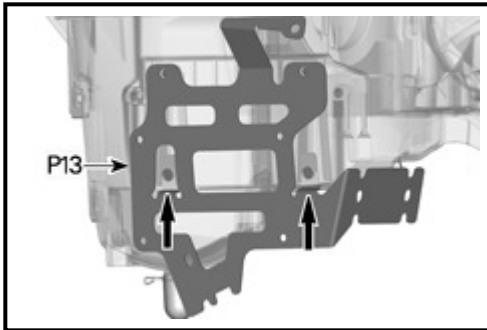


| Item | Description         | Part number              | QTY |
|------|---------------------|--------------------------|-----|
| P11  | Drain Cap           | 707 800 080              | 1   |
| P12  | Retaining Clip      | 707 800 081              | 1   |
| P13  | ECM Support         | Not Available Separately | 1   |
| P14  | ECM Connector Cover | Not Available Separately | 1   |

| Item | Description                    | Part number | QTY |
|------|--------------------------------|-------------|-----|
| P15  | M6 X 16 Shoulder Screw         | 207 561 644 | 2   |
| P16  | M6 Retaining Nut               | 233 261 414 | 4   |
| P17  | Locking Tie<br>188 mm (7.4 in) | 414 115 200 | 4   |



AIR SILENCER ASSEMBLY - BEHIND ECU



**Tightening torque**

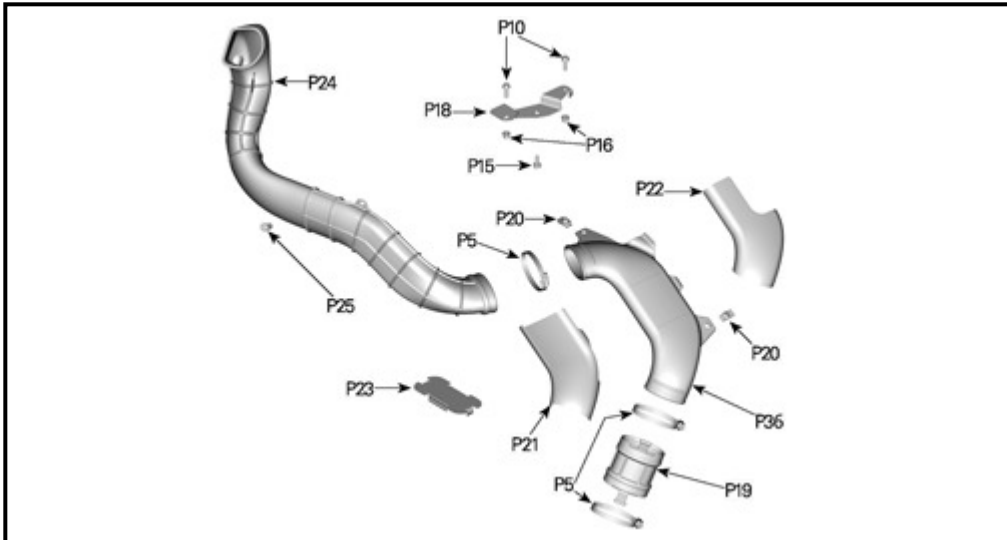
### Tightening torque

|                              |                             |
|------------------------------|-----------------------------|
| M6 Retaining nut [P16]       | 10 ± 2 N•m (89 ± 18 lbf•in) |
| M6 X 16 Shoulder screw [P15] | 10 ± 2 N•m (89 ± 18 lbf•in) |

## CVT Air Outlet (Continued)

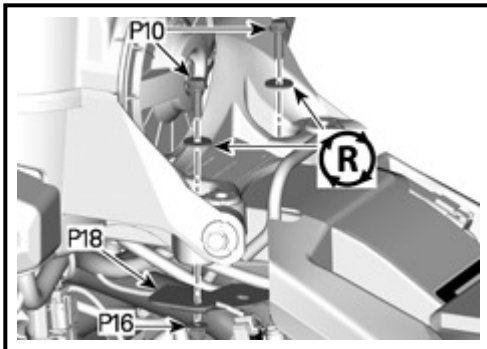
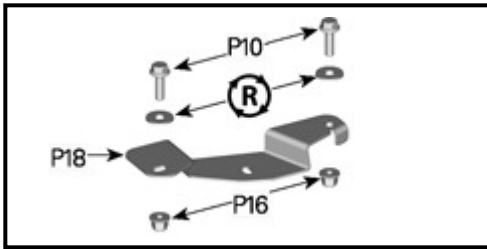
**NOTE:** On XMR MODELS, only the P24 needs to be install. All other parts are factory installed. Remember that equipment removal and illustration may be different.

### CVT Air Outlet Installation



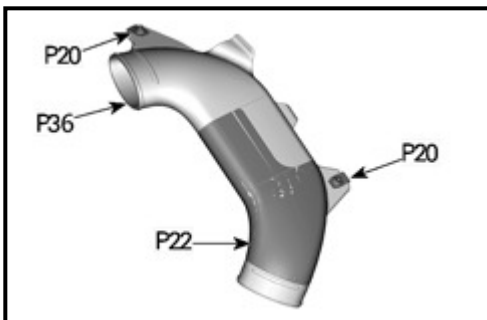
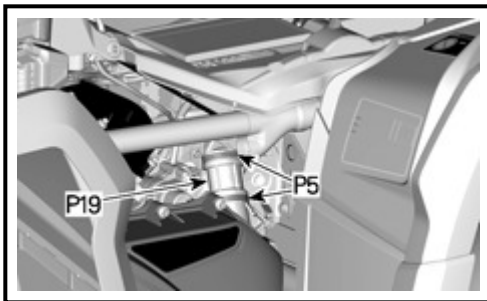
| Item | Description                                | Part number | QTY |
|------|--|-------------|-----|
| P10  | M6 X 20 Shoulder Screw                     | 207 562 044 | 2   |
| P18  | CVT Air Outlet Support                     | 707 001 158 | 1   |
| P16  | M6 Retaining Nut                           | 233 261 414 | 2   |
| P5   | Screw Clamp<br>60 to 80 mm (2.4 to 3.1 in) | 293 650 091 | 3   |
| P19  | Boot                                       | 707 001 168 | 1   |
| P20  | Panel Nut                                  | 250 000 048 | 2   |
| P21  | Lower Heat Shield                          | 707 001 206 | 1   |
| P22  | Upper Heat Shield                          | 707 001 205 | 1   |
| P15  | M6 X 16 Shoulder Screw                     | 207 561 644 | 1   |
| P23  | Heat Deflector                             | 707 600 995 | 1   |
| P24  | Upper CVT Air Outlet                       | 706 600 025 | 1   |
| P25  | Plastic Rivet                              | 293 150 089 | 1   |

| Item | Description          | Part number | QTY |
|------|----------------------|-------------|-----|
| P36  | Lower CVT Air Outlet | 706 600 019 | 1   |

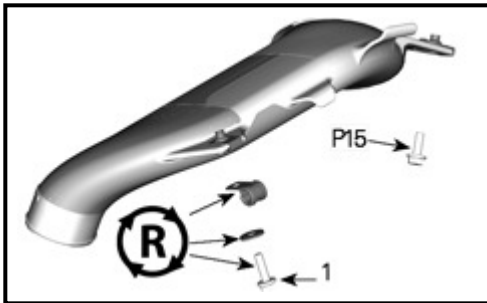
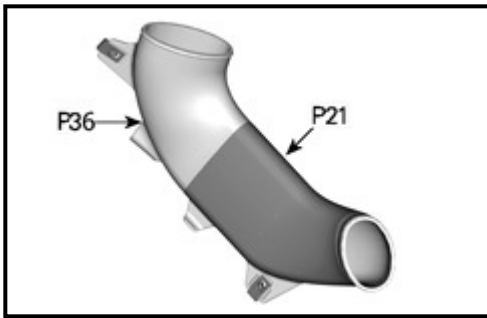


| Tightening torque      |                             |
|------------------------|-----------------------------|
| M6 Retaining nut [P16] | 10 ± 2 N•m (89 ± 18 lbf•in) |

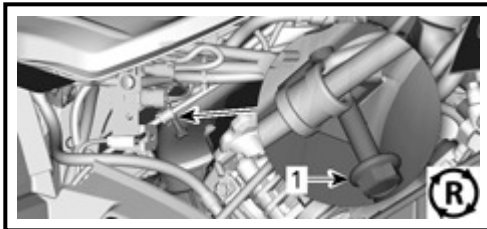
**NOTE:** Some components in image are hidden for clarity.







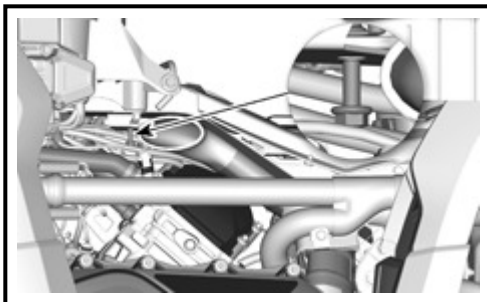
1. P-clamp screw



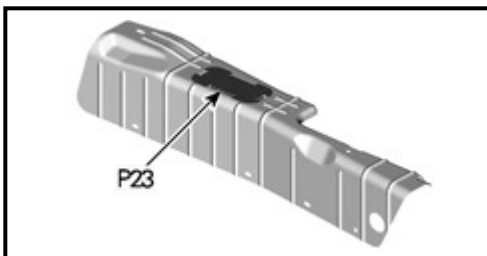
RH SIDE

1. P-clamp screw

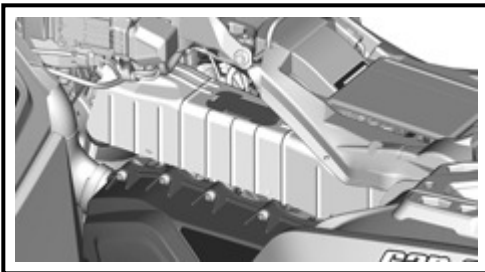
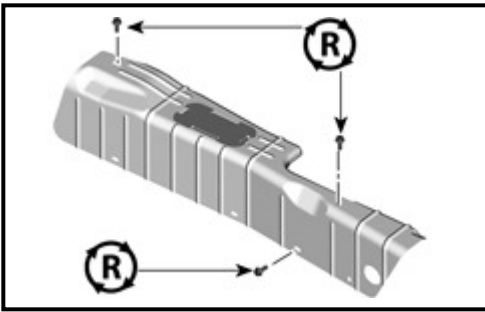
| Tightening torque                 |                             |
|-----------------------------------|-----------------------------|
| M6 Shoulder screw (P-clamp screw) | 10 ± 2 N•m (89 ± 18 lbf•in) |



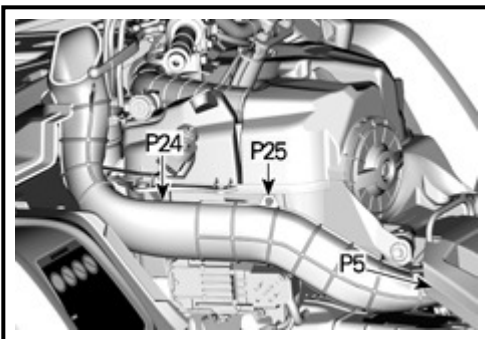
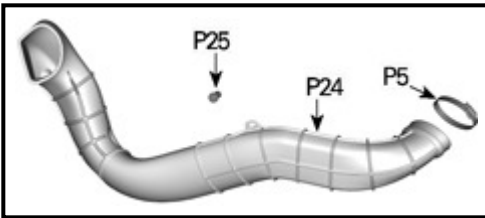
| Tightening torque       |                             |
|-------------------------|-----------------------------|
| M6 Shoulder screw [P16] | 10 ± 2 N•m (89 ± 18 lbf•in) |



**NOTE:** Reuse original screws.



| Tightening torque |                             |
|-------------------|-----------------------------|
| M6 Shoulder screw | 10 ± 2 N•m (89 ± 18 lbf•in) |

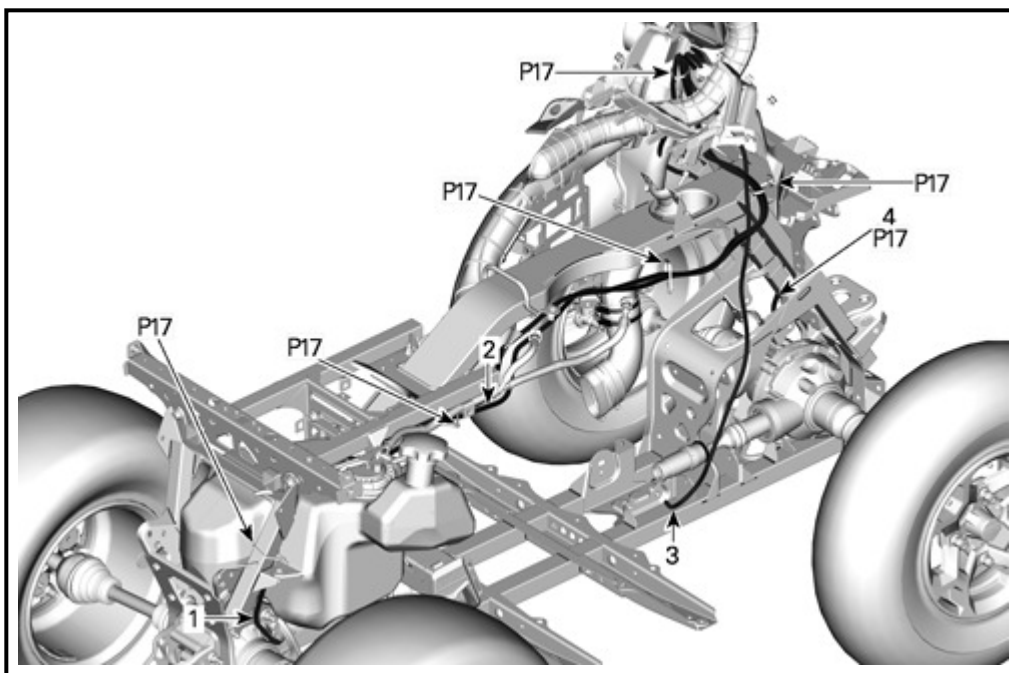


## Vent Hoses

**NOTE:** On XMR MODELS, vent hoses installation is not required.

**NOTICE** Make sure that vent hoses are not in contact with any moving parts or sharp edges.

Reposition vent hoses as shown.



**VENT HOSE ROUTING**

- 1. Rear differential vent hose - New 2 m (6.6 ft)
- 2. Fuel tank vent hose - Modify, see below
- 3. Water pump vent hose - New 1.1 m (3.6 ft)
- 4. Front differential vent hose - Reposition

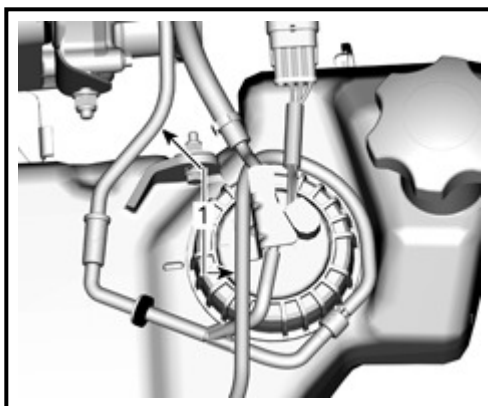
## Fuel Tank Vent Hose

| Item | Description | Part number | QTY |
|------|-------------|-------------|-----|
| P26  | Y Connector | 293 710 059 | 1   |

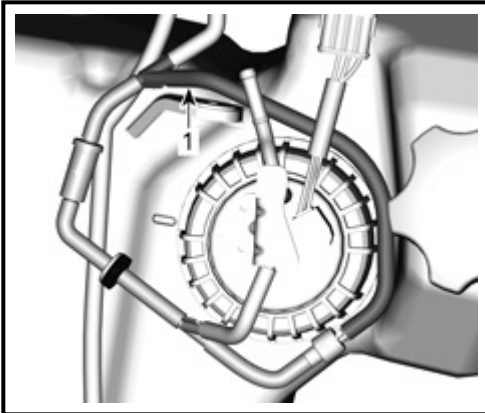
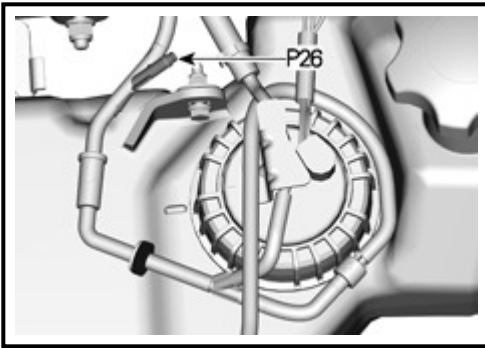
**2012 models only**

Reposition fuel tank vent hose to vent at same location as rear differential vent.

**2013 and newer**



1. Cut

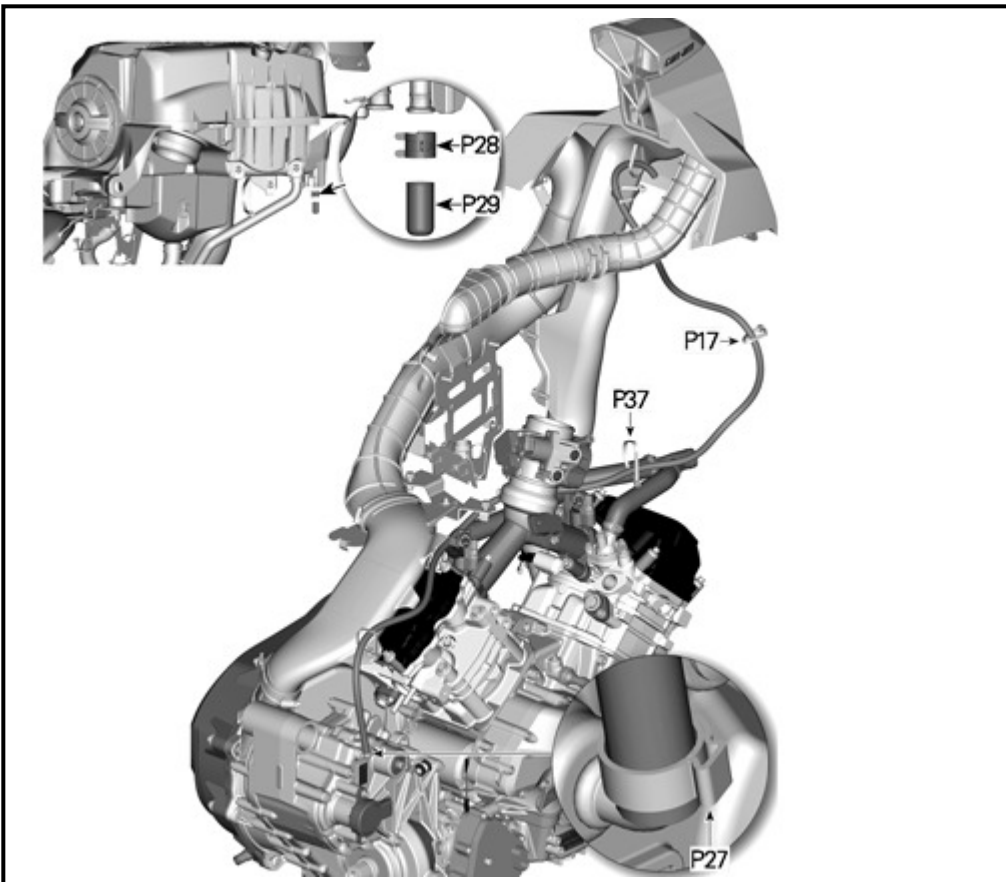


1. Connect to [P26]

Reposition fuel tank vent hose to vent at same location as rear differential vent.

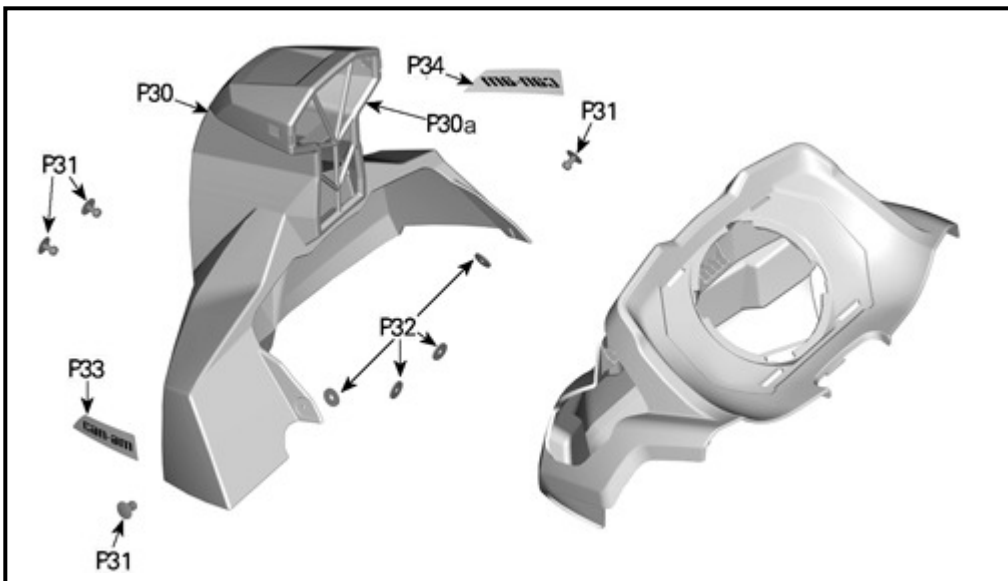
## Transmission Vent

*2012 models only*



| Item | Description                     | Part number              | QTY |
|------|---------------------------------|--------------------------|-----|
| ---  | Vent Hose<br>1.4 m (4.6 ft)     | Not Available Separately | 1   |
| P17  | Locking Tie<br>188 mm (7.4 in)  | 414 115 200              | 1   |
| P37  | Locking Tie<br>368 mm (14.5 in) | 293 750 008              | 1   |
| P27  | Oetiker Clamp                   | 293 650 195              | 1   |
| P28  | Spring Clamp                    | 414 554 800              | 1   |
| P29  | Vent Cap                        | 519 000 216              | 1   |

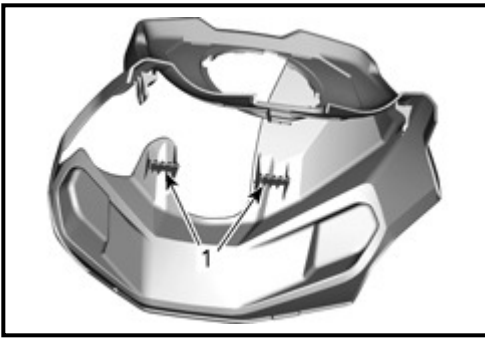
## Console and Console Cover



| Item | Description                  | Part number              | QTY |
|------|------------------------------|--------------------------|-----|
| C2   | Console Cutting Template 1/2 | Not Available Separately | 1   |
| C3   | Console Cutting Template 2/2 | Not Available Separately | 1   |
| P30  | Cover                        | Not Available Separately | 1   |
| P30a | Pre-filter (Service Part)    | 707800796                | 1   |
| P31  | Pop Rivet                    | 293 150 104              | 4   |
| P32  | Pop Rivet Washer             | 517 124 300              | 4   |
| P33  | LH Can Am Decal              | Not Available Separately | 1   |
| P34  | RH Can Am Decal              | Not Available Separately | 1   |

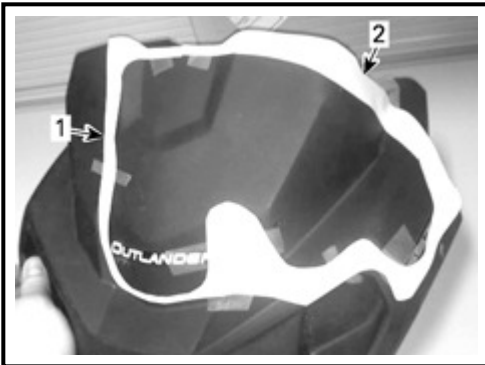
It is recommended to remove instrument gauge before cutting console.

**NOTE:** Do not cut locating tabs.



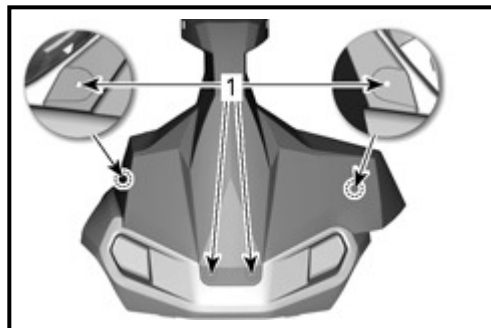
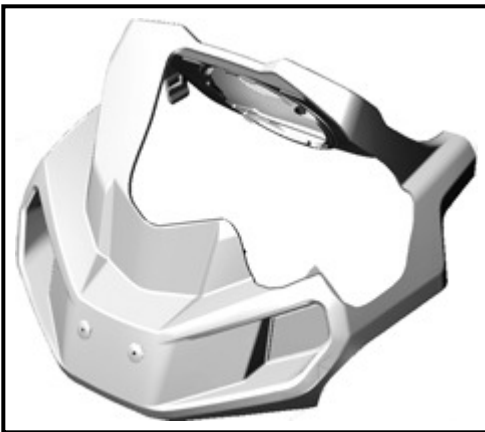
*INSIDE CONSOLE*

1. Locating tabs

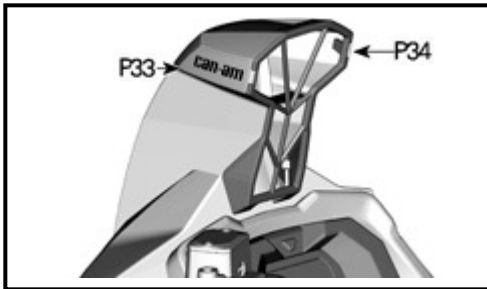
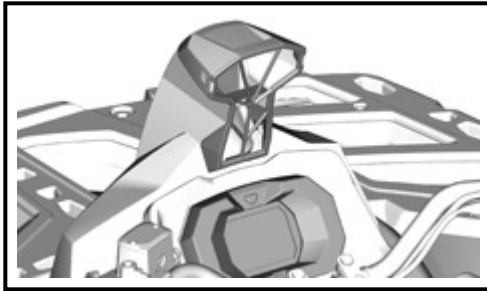
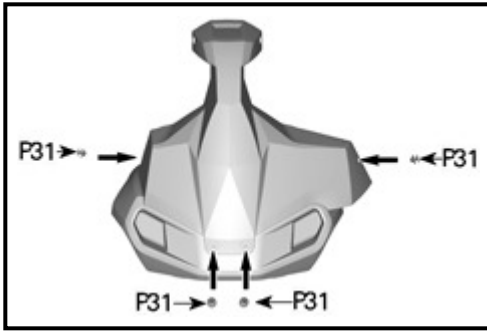


1. Console cutting template C2

2. Console cutting template C3



1. Drill 5 mm (13/64 in)



## End Installation

Install all removed parts.

[Templates.pdf](#)