

Alba Racing 1 Piece X3 Clutch Cover Guard Instructions

We have upgraded our belt guards from a two piece to a one piece (. With this one piece you can now install it without removing the primary clutch, making the installation much easier and faster.)

Simplified instructions

- Remove the outer clutch cover
- Remove the drive belt
- Remove the secondary clutch pulley (the large one at the back)
- Inset the aluminum guard into the plastic OEM cover
- Drill the 2 holes using a ¼" drill bit through the OEM over
- Use the 2 supplied Philips head bolts, washers and nylon nuts; fully tighten to hold the Guard into the stock cover (For the nylon nuts use a 5/16" open end wrench) Note: The screws are counter sunk, so you only need to use the washer on the back (Nut side).
- Reassemble/install the secondary clutch, belt and outer cover

When done check that all pieces are secure!!!!

Please note—For clutch removal instructions go to TeamAlbaRacing.com. Click on tech center. Click on Can Am Maverick. "[Can Am X3 OEM Clutch Instructions for Alba Liner](#)"

SEE BELOW FOR OEM INSTRUCTIONS

Section 02 ENGINE, CVT AND GEARBOX

Subsection 12 (CONTINUOUSLY VARIABLE TRANSMISSION (CVT))

GENERAL

NOTE: For a better understanding, the following illustrations are taken with engine out of vehicle. To perform the following instructions, it is not necessary to remove engine.

This CVT is lubrication free. Never lubricate any components except drive pulley hub.

⚠ WARNING

Never touch CVT while engine is running. Never drive vehicle when CVT cover is removed.

⚠ WARNING

Any drive pulley repairs must be performed by an authorized Can-Am dealer. Subcomponent installation and assembly tolerances require strict adherence to procedures detailed.

⚠ WARNING

The clutch assembly is a precisely balanced unit. Never replace parts with used parts from another clutch assembly.

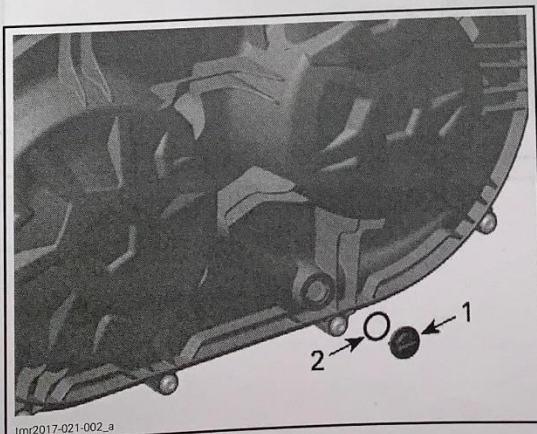
PROCEDURES

CVT COVER

Draining the CVT Cover

If water is present in CVT cover, it can be drained as follows:

1. Turn bayonet cap 90° counterclockwise to open it.
2. Remove bayonet cap and O-ring.



1. Bayonet cap
2. O-ring

3. Let water drain from CVT cover.
4. Reinstall bayonet cap and O-ring.

TIGHTENING TORQUE

Bayonet cap	2 N•m ± 0.2 N•m (18 lbf•in ± 2 lbf•in)
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NOTICE If any debris entered the CVT cover, CVT must be cleaned and inspected.

Removing the CVT Cover

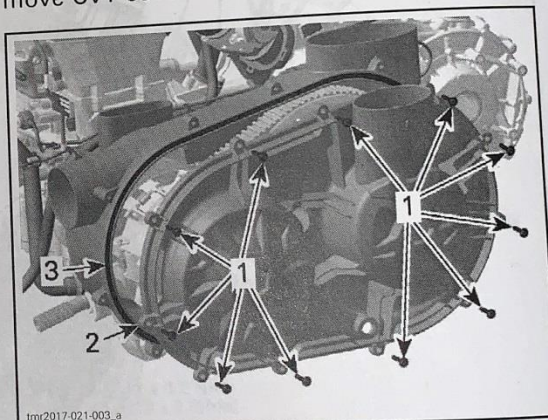
Detach CVT hoses from CVT cover.

Remove:

- Retaining screws
- CVT cover
- Gasket.

NOTE: Remove the center top screw last to support the cover during removal.

NOTICE Do not use and impact tool to remove CVT cover screws.



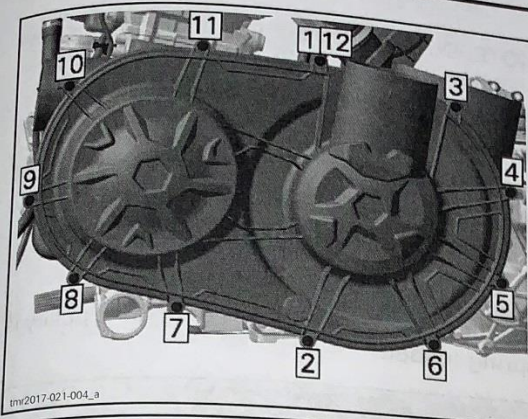
1. Retaining screws
2. CVT cover
3. Gasket

Installing the CVT Cover

Install the center top screw of first.

Tighten the CVT cover retaining screws as per following sequence.

Subsection 12 **Section 02 ENGINE, CVT AND GEARBOX**
(CONTINUOUSLY VARIABLE TRANSMISSION (CVT))



TIGHTENING TORQUE

CVT cover retaining
screws

$6 \text{ N}\cdot\text{m} \pm 0.7 \text{ N}\cdot\text{m}$
($53 \text{ lbf}\cdot\text{in} \pm 6 \text{ lbf}\cdot\text{in}$)

DRIVE BELT

Removing the Drive Belt

NOTICE In case of a drive belt failure, the CVT, cover and air outlet must be cleaned.

Remove *CVT COVER*.

REQUIRED TOOLS

PULLER/LOCKING TOOL
(P/N 529 000 088)



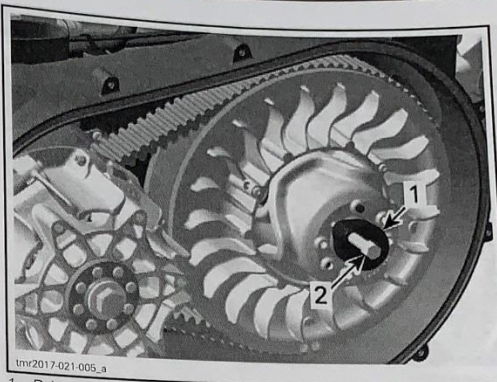
DRIVEN PULLEY ADAPTER
(P/N 708 200 720)



Screw in the driven pulley adapter into the driven pulley shaft.

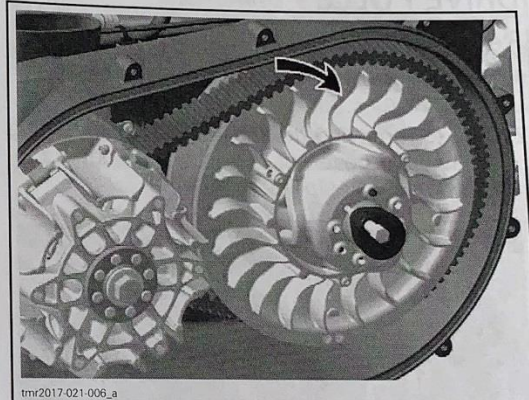
Screw in the driven pulley extractor into the threaded offset hole of the adapter.

Tighten the extractor to open the pulley.



1. Driven pulley adapter
2. Driven pulley extractor

To remove belt, slip the belt over the top edge of fixed sheave, as shown.



Inspecting the Drive Belt

For drive belt inspection refer to *INSPECTING THE DRIVE BELT* in the *PERIODIC MAINTENANCE PROCEDURES* subsection.

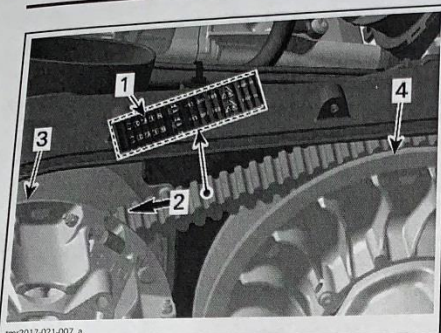
Installing the Drive Belt

For installation, reverse the removal procedure. Pay attention to following details.

The maximum drive belt life span is obtained when the drive belt has the proper rotation direction. Install it so that the arrow printed on belt is pointing towards front of the vehicle, viewed from top.

Section 02 ENGINE, CVT AND GEARBOX

Subsection 12 (CONTINUOUSLY VARIABLE TRANSMISSION (CVT))

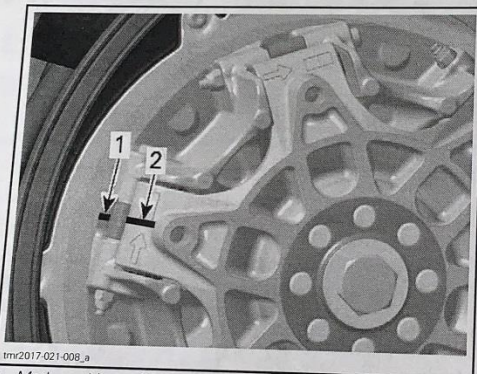


1. Arrow printed on belt
2. Rotation direction
3. Drive pulley (front)
4. Driven pulley (rear)

DRIVE PULLEY


Removing the Drive Pulley

1. Remove **DRIVE BELT**, see procedure in this subsection.
2. Prior to removing the drive pulley, mark sliding sheave and governor cup to ensure correct indexing at reinstallation.



1. Mark on drive pulley sliding sheave
2. Mark on governor cup

3. Lock the drive pulley.

REQUIRED TOOL	
CLUTCH HOLDER (P/N 529 036 428)	

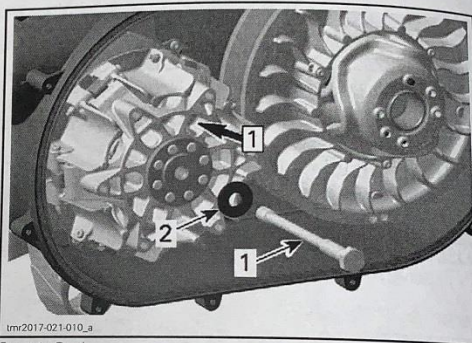
4. Loosen the drive pulley screw.

NOTICE Never use any type of impact wrench for drive pulley removal.

NOTE: Do not unscrew the drive pulley screw completely.

5. Remove service tool.
6. Apply axial pressure with your hand on the governor cup until clutch puller for removal is installed.
7. Remove:
 - Drive pulley screw
 - Spring washer.

CAUTION Sliding sheave of drive pulley is spring loaded.




Step 1: Push

1. Drive pulley screw
2. Spring washer

8. Screw clutch puller in fixed sheave to remove drive pulley.

NOTICE Use only recommended tool.

REQUIRED TOOL	
CLUTCH PULLER (P/N 529 035 746)	

Disassembling the Drive Pulley

Drive Pulley

Screw clutch puller into fixed sheave shaft (maximum protrusion of 63 mm (2-1/2 in)).