ATV KIT - SHORT AND FULL WRAP ALUMINUM WIND DEFLECTOR MOUNTING KIT

Part number (SKU) :
715006117,715000525,715000537,715000733,715001378,715001379,715001706,715003811,715003812,715003813,715003814,715006118

Product:	**ATV**
Project no:	**487800817_rev1**
Instruction Sheet P/N:	**487800817**
Revision no:	**1**
Revision date:	**December 2018**
Item covered:	**SHORT ALUMINUM WIND DEFLECTOR MOUNTING KIT, FULL WRAP ALUMINUM WIND DEFLECTOR MOUNTING KIT**

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.
- 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.
- Always wear EYE PROTECTION AND APPROPRIATE GLOVES when using power tools.
- Unless otherwise specified, engine must be OFF when performing any operation on the vehicle.
- Always be aware of parts that can move, such as wheels, transmission components, etc.
- Some components may be HOT. Always wait for engine to cool down before performing work.

WARNING

Some important safety information and/or operating instructions dedicated to the end user might be included in this instruction sheet. Make sure to give the kit part number as well as the instruction sheet included with this kit to the customer. Verify that the customer has access to all the information required for proper use of the accessory.

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)

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.

NOTE: Installation time is approximately 0.4 hour.

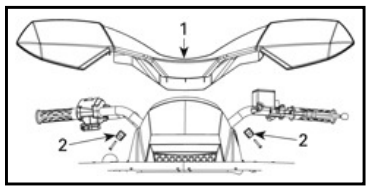
PARTS TO BE INSTALLED

ITEM	DESCRIPTION	part number		QTY
		715001379 (short)	715001378 (full wrap)	
P1	Support (LH Side)	709400554	709400549	1
P2	Support (RH Side)	709400 995	709400909	1
P3	U-Clamp	709400522		2
P4	M6 x 20 Flanged Hexagonal Bolt	207662044		2
P5	M6 x 16 Torx† Head Bolt (with nylon patch)	250000223		2
P6	M6 Elastic Stop Nut	232561600		4
P7	M4 x 40 Socket Head Bolt	205444086		2
P8	M4 Elastic Stop Nut	232541414		2
P9	M5 x 14 Torx Head Bolt	—	250000145	2
P10	M5 Elastic Stop Nut	—	232551600	2
P11	Beveled Bracket	—	709400161	2
P12	Threaded Beveled Bracket	—	709400162	2
P13	M8 x 40 Socket Head Bolt	—	205384034	2
P14	Handlebar Cover	709400278		1
† Torx is a registered trademark of Textron.				
Handlebar wind deflectors (as pairs) are not included with these mounting kits.				
Handlebar cover (P/N 709 400 278) included in these kits is for Outlander XT and Limited only.				

INSTRUCTIONS

NOTE: The procedure explained below is the same for both sides unless otherwise noted.

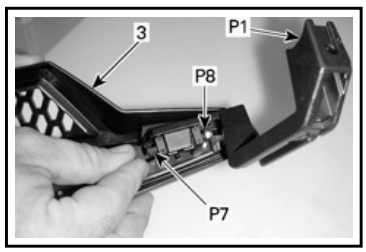
Outlander XT and Limited Only



1. Unscrew both plastic U-clamps [2] that retain handlebar wind deflector [1] to handlebar.
2. Remove and discard handlebar wind deflector [1] from vehicle.
3. Install handlebar cover [P14] on the center of handlebar.

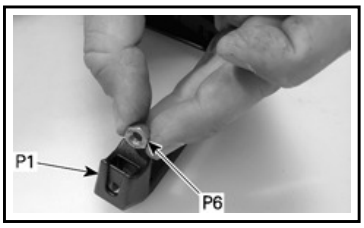
Short Aluminum Mounting Kit

1. Assemble left side support [P1] with left wind deflector [3] using M4 x 40 socket head bolt [P7] and M4 elastic stop nut [P8].

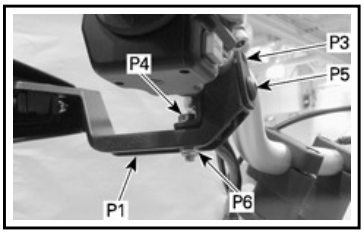


2. Torque to 3 ± .2 N•m (27 ± 2 lbf•**in**) .

3. Insert an M6 elastic stop nut nut [P6] in the left support [P1] end housing.



4. Loosen clutch lever and/or brake lever to make sure that there is enough space to install support bolts.
5. Install left support [P1] on handlebar using a U-clamp [P3].
6. Install an M6 x 20 flanged hexagonal bolt [P4] and an M6 elastic stop nut [P6].
7. Install an M6 x 16 Torx head bolt [P5].



8. Adjust wind deflector horizontally.
9. Torque M6 bolts and nuts to 10 ± 2 N•m (89 ± 18 lbf•**in**) .
10. Reposition the clutch lever and/or brake lever as previously set then tighten bolt.

WARNING

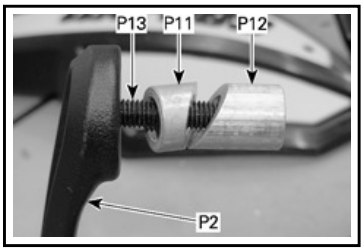
Make sure the clutch lever / brake lever is properly secured in place and will not rotate by pushing it downward and upward.

WARNING

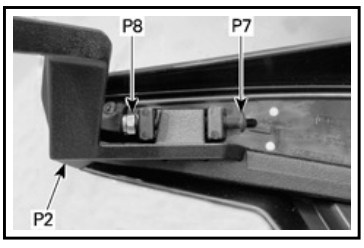
Make sure that there is clearance at all time between the deflectors and the clutch lever / brake lever and all other moving components.

Full Wrap Aluminum Mounting Kit

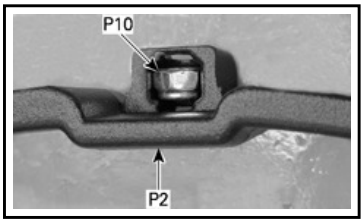
1. Install M8 x 40 socket head bolt [P13] in the right side full wrap support [P2].
2. Insert beveled bracket [P11] in M8 x 40 socket head bolt [P13].
3. Screw on threaded beveled bracket [P12] into M8 x 40 socket head bolt [P13].



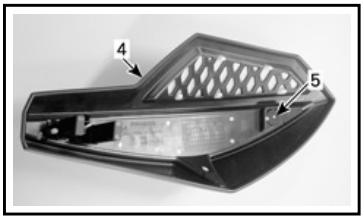
4. Install M4 x 40 socket head bolt [P7] and M4 elastic stop nut [P8].



5. Torque M4 elastic stop nut [P8] to 3 ± .2 N•m (27 ± 2 lbf•**in**) .
6. Insert M5 elastic stop nut [P10] in the right side full wrap support [P2] middle housing.

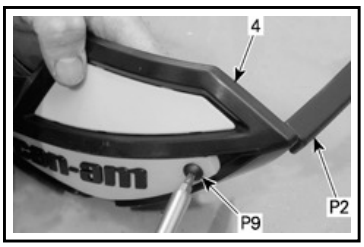


7. Locate reference dot [5] inside deflector and drill a 6 mm hole through wind deflector [4].



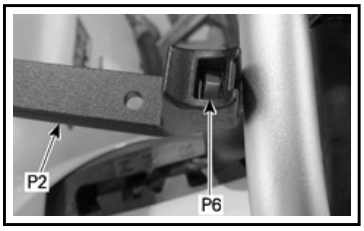
RIGHT SIDE SHOWN

8. Align wind deflector [4] on the left side full wrap support [P2].
9. Secure together using an M5 x 14 Torx head bolt [P9].

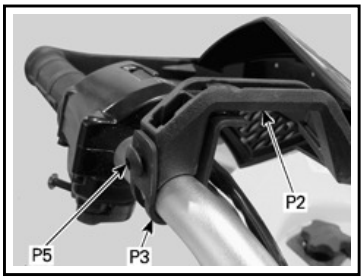


LEFT SIDE SHOWN

10. Loosen clutch lever and/or brake lever to make sure that there is enough space to install support bolts.
11. Remove existing handlebar end caps.
12. Insert the beveled brackets inside the handlebar end.
13. Insert an M6 elastic stop nut [P6] in the right side full wrap support [P2] end housing.

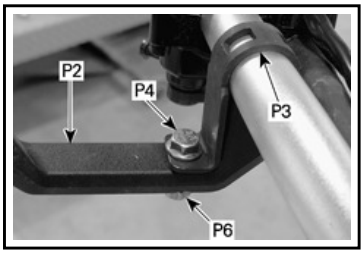


14. Install right side full wrap support [P2] on handlebar using U-clamp [P3].
15. Install M6 x 16 Torx head bolt [P5].



NOTE: For an easier installation, as per above illustration, completely rotate support to install bolt, and then, reposition at normal position.

16. Install an M6 x 20 flanged hexagonal bolt [P4] and an M6 elastic stop nut [P6].



17. Adjust wind deflector horizontally.
18. Torque M6 bolt and nut to 10 ± 2 N•m (89 ± 18 lbf•**in**) .
19. Torque M8 bolt [P13] to 24 ± 3 N•m (18 ± 2 lbf•ft) .
20. Reposition the clutch lever and/or brake lever as previously set then tighten bolt.

WARNING

Make sure the clutch lever / brake lever is properly secured in place and will not rotate by pushing it downward and upward.

WARNING

Make sure that there is clearance at all time between the deflectors and the clutch lever / brake lever and all other moving components.

WARNING

Make sure that: handlebar can turn freely in both directions over full range of motion without interference; nothing interferes with proper operation of controls.
