

PWC KIT - BRP Audio-Premium system - GTI, GTI SE, GTR and Wake 170 (2020 and up)

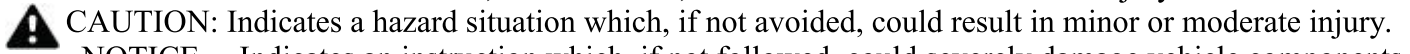
Product: **Sea-Doo_watercraft**
 Project no: **487803162_rev1**
 Instruction Sheet P/N: **487803162**
 Revision no: **1**
 Revision date: **June 2020**
 Item covered: **BRP Audio-Premium system - GTI, GTI SE, GTR and Wake 170 (2020 and up)**

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.
- Dieses Kit ist nur für bestimmte zutreffende Modelle ausgelegt (autorisierte BRP-Händler bestätigen die Modelle). Es wird nicht für andere Geräte als das (die) empfohlen, für die es verkauft wurde.
- Wenn für die Installation des Kits eine Schablone erforderlich ist, stellen Sie sicher, dass die Schablone maßstabsgetreu ist.
- Sollte bei der Demontage/Montage eine Sicherung (z. B. Sicherungsglaschen, selbstsichernde Verschlüsse etc.) entfernt werden müssen, immer durch eine neue ersetzen.
- Die Anzugsvorgaben für Drehmomentschlüssel müssen unbedingt eingehalten werden.
- Tragen Sie immer einen AUGENSCHUTZ UND GEEIGNETE HANDSCHUHE, wenn Sie Elektrowerkzeuge verwenden.
- Sofern nicht anders angegeben, muss der Motor bei allen Arbeiten am Fahrzeug ausgeschaltet sein.
- Achten Sie immer auf Teile, die sich bewegen können, wie Räder, Getriebekomponenten usw.
- Einige Komponenten können HEISS sein. Warten Sie immer, bis der Motor abgekühlt ist, bevor Sie Arbeiten ausführen.



WARNUNG

Einige wichtige Sicherheitsinformationen und/oder Betriebsanweisungen für den Endverbraucher können in diesem Anweisungsblatt enthalten sein. Stellen Sie sicher, dass Sie dem Kunden die Kit-Teilenummer sowie das diesem Kit beiliegende Anleitungsblatt mitteilen. Stellen Sie sicher, dass der Kunde Zugriff auf alle Informationen hat, die für die ordnungsgemäße Verwendung des Zubehörs erforderlich sind.

HINWEIS : VERWENDEN SIE DIE ANZUGSDREHMOMENTE IN DER FOLGENDEN TABELLE, WENN NICHT ANDERS ANGEGBEN.

GRAD

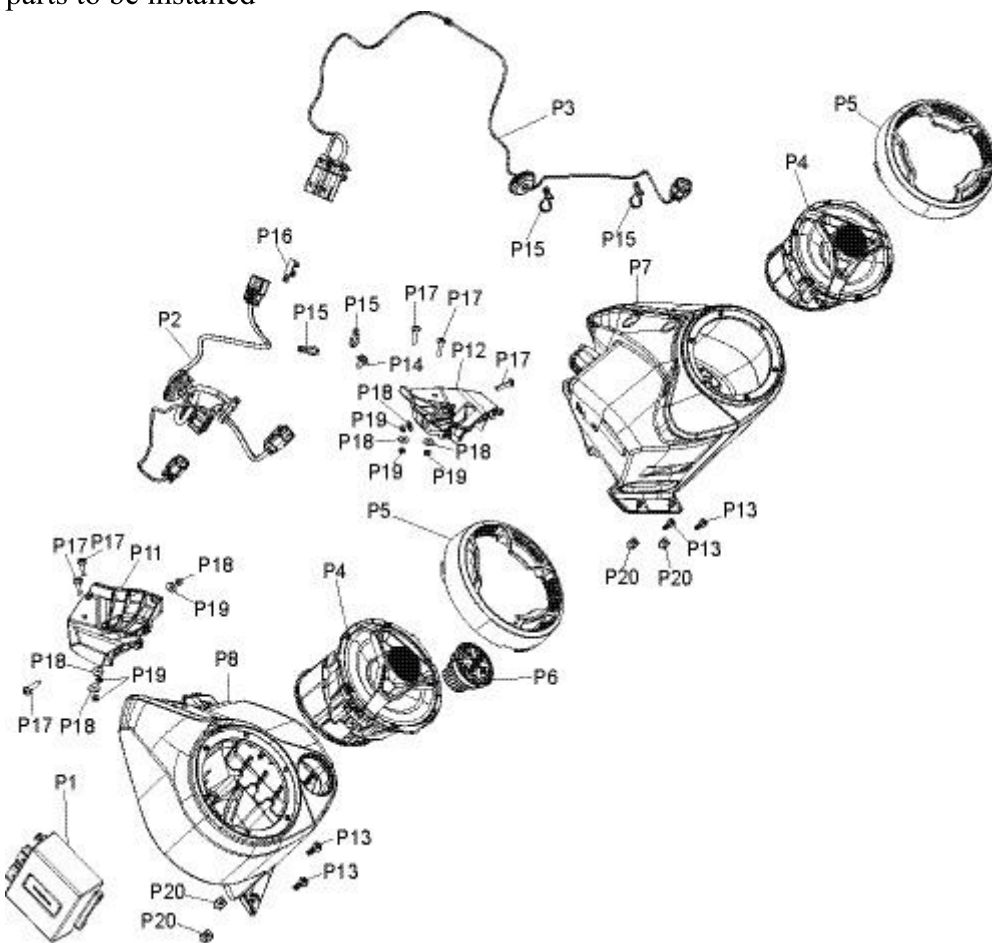
	5.8	8.8	10.9	12.9
M4	1,8 ± 0,2 N•m (16 ± 2 lbf• Zoll)	2,8 ± 0,2 N•m (25 ± 2 lbf• Zoll)	3,8 ± 0,2 N•m (34 ± 2 lbf• Zoll)	4,5 ± 0,5 N•m (40 ± 4 lbf• Zoll)
M5	3,3 ± 0,2 N•m (29 ± 2 lbf• Zoll)	5 ± 0,5 N•m (44 ± 4 lbf• Zoll)	7,8 ± 0,7 N•m (69 ± 6 lbf• Zoll)	9 ± 1 N•m (80 ± 9 lbf• Zoll)
M6	7,5 ± 1 N•m (66 ± 9 lbf• Zoll)	10 ± 2 N•m (89 ± 18 lbf• Zoll)	12,8 ± 2,2 N•m (113 ± 19 lbf• Zoll)	16 ± 2 N•m (142 ± 18 lbf• Zoll)
M8	15,3 ± 1,7 N•m (135 ± 15 lbf• Zoll)	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 Nm (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.

Installation time is approximately 1.0 hour.

parts to be installed



ITEM	DESCRIPTION	Part number	QTY
P1	Amplifier	278003464	1
P2	Main harness	278003758	1
P3	Speaker harness	278003759	1
P4	Speaker	278003463	2
P5	Speaker grille	278003466	2
P6	Bluetooth remote control radio	278003465	1
P7	Left enclosure assembly	278003876	1
P8	Right enclosure assembly	278003877	1

P9	LH Bluetooth audio system (not shown)*	278003874	1
P10	RH Bluetooth audio system (not shown)*	278003875	1
P11	LH Bracket	278003766	1
P12	RH Bracket	278003768	1
P13	M6.81 x 30 Torx screw	250001007	4
P14	Mounting dart	293730018	1
P15	206 mm Locking tie	293750027	4
P16	Clip	515178223	1
P17	M6 x 25 Torx screw	250001116	6
P18	M6 Flat washer	234062600	6
P19	Elastic stop nut	232561200	6
P20	Insert	291003793	4

* LH and RH Bluetooth audio system [P9] and [P10] are already assembled with their respective parts [P1] to [P8].

instructions

NOTE: If your vehicle is equipped with a fish finder/GPS, multiple acc harness (P/N 278003684) is required.

NOTE: LH side shown, the procedure is the same for both side.

Vehicle Preparation

NOTICE Always disconnect battery before doing any electrical modifications. Do not place tools on battery. Proceed exactly in this specific order:

- Disconnect BLACK cable (-) first.
- Disconnect RED cable (+) after.
- Secure battery by covering pole with isolating material.

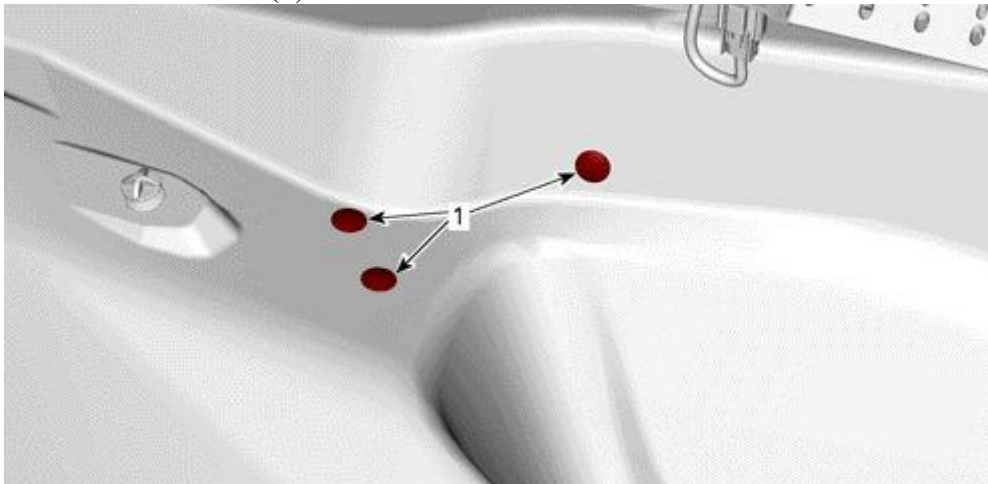
NOTICE When routing or installing harness ensure the harness does not come into contact with any sharp edge, mobile parts and hot surfaces.

Refer to shop manual to remove:

- Seat
- Mirror support
- Left central body panel
- Left front body panel

Part Installation

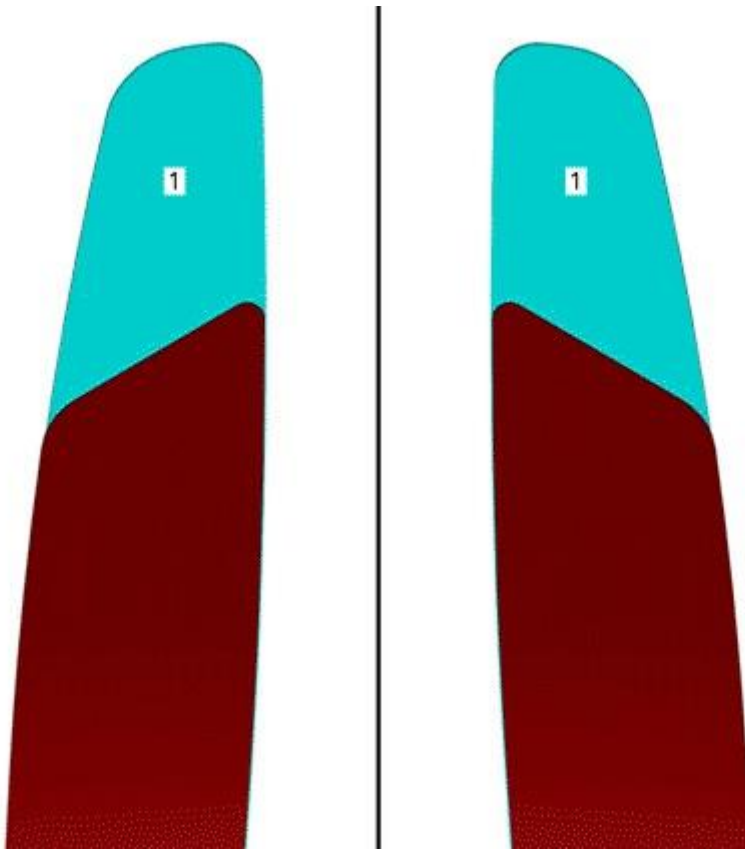
1. Remove the darts (3) on both sides of the vehicle.



Left side view

2. Remove both side anti-slip carpet.

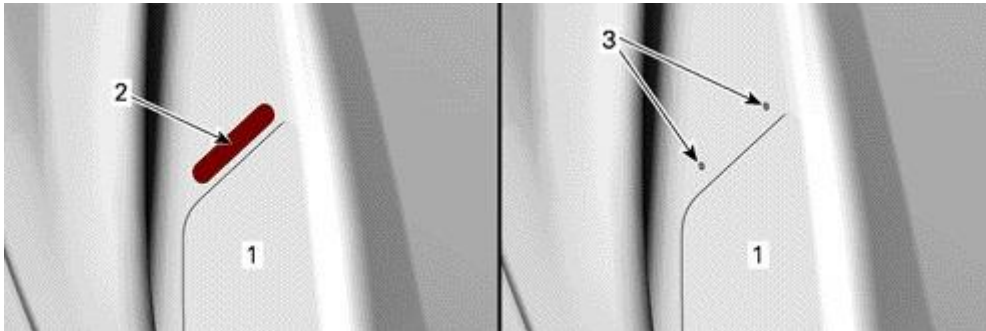
Use the template to cut the anti-slip carpet as shown below.



Both sides

1. Sections to be removed

3. Remove plastic film on the body and drill using a 5.5 mm drill bit in order to clear the two holes shown below.

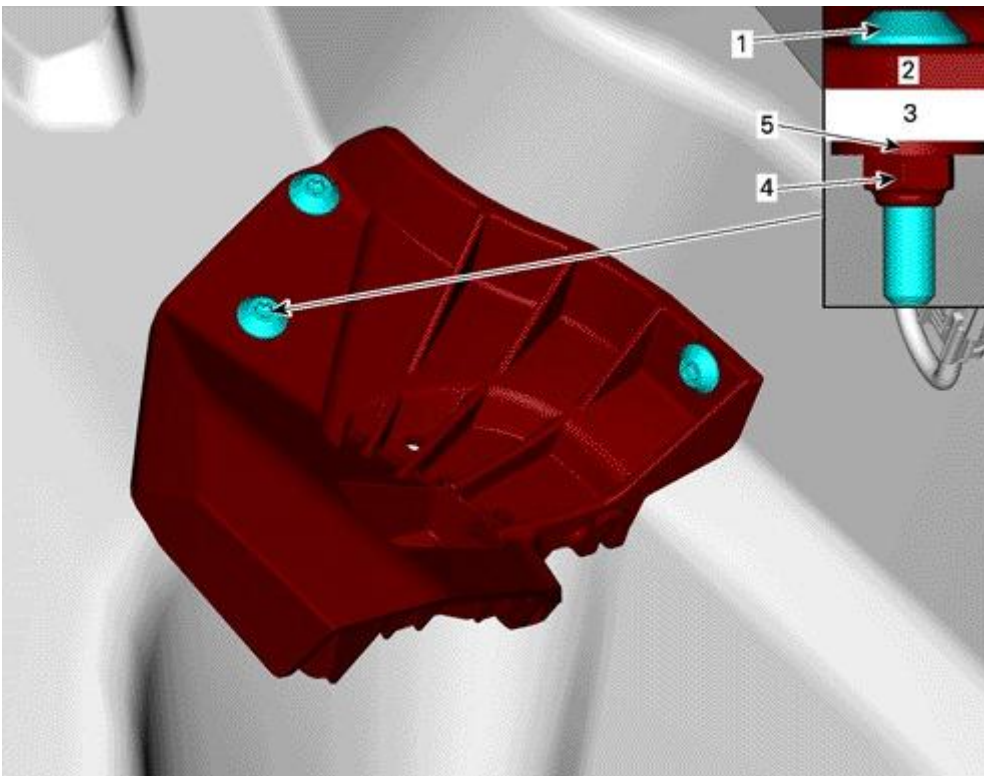


1. Anti slip carpet

2. Plastic film

3. Holes to drill

4. Install LH bracket [P11] on the deck using M6 x 25 Torx screws [P17], M6 flat washer [P18] and elastic stop nut [P19].



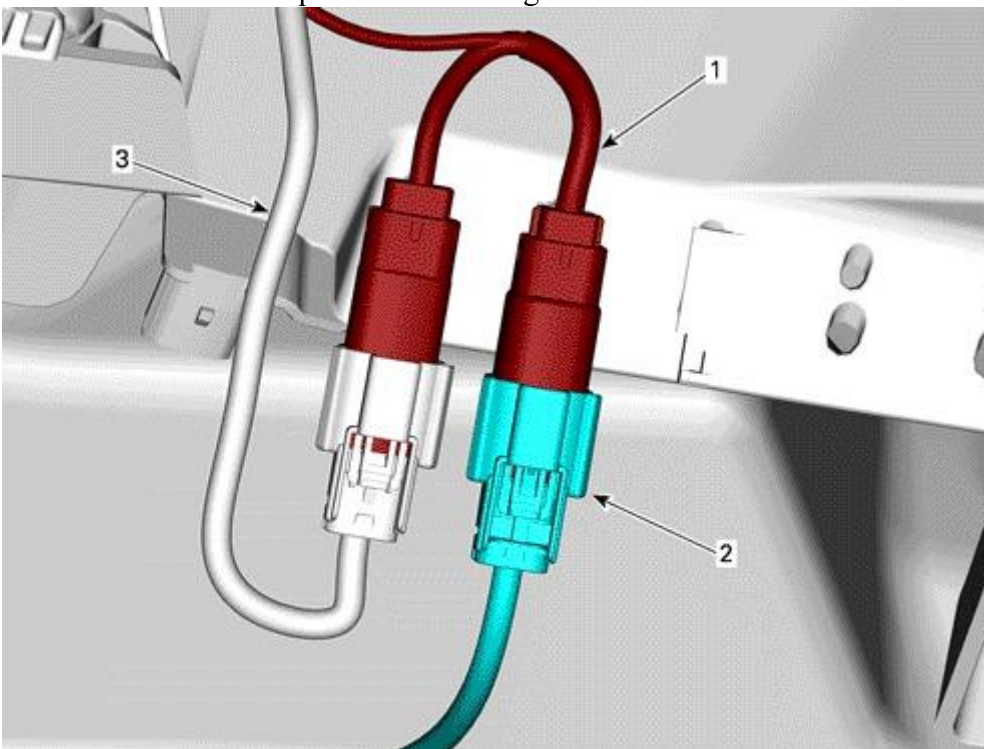
1. M6 x 25 Torx screws [P17]
2. LH Bracket [P11]
3. Body
4. Elastic stop nut [P19]
5. M6 flat washer [P18]

Tightening Torque

M6 X 25 Torx screws [P17]

$7.5 \pm 1 \text{ N}\cdot\text{m}$ ($66 \pm 9 \text{ lbf}\cdot\text{in}$)

5. Position the LH Bluetooth audio system [P9] and RH bluetooth audio system [P10] on vehicle. Connect the harness of the left speaker with the right one as shown below

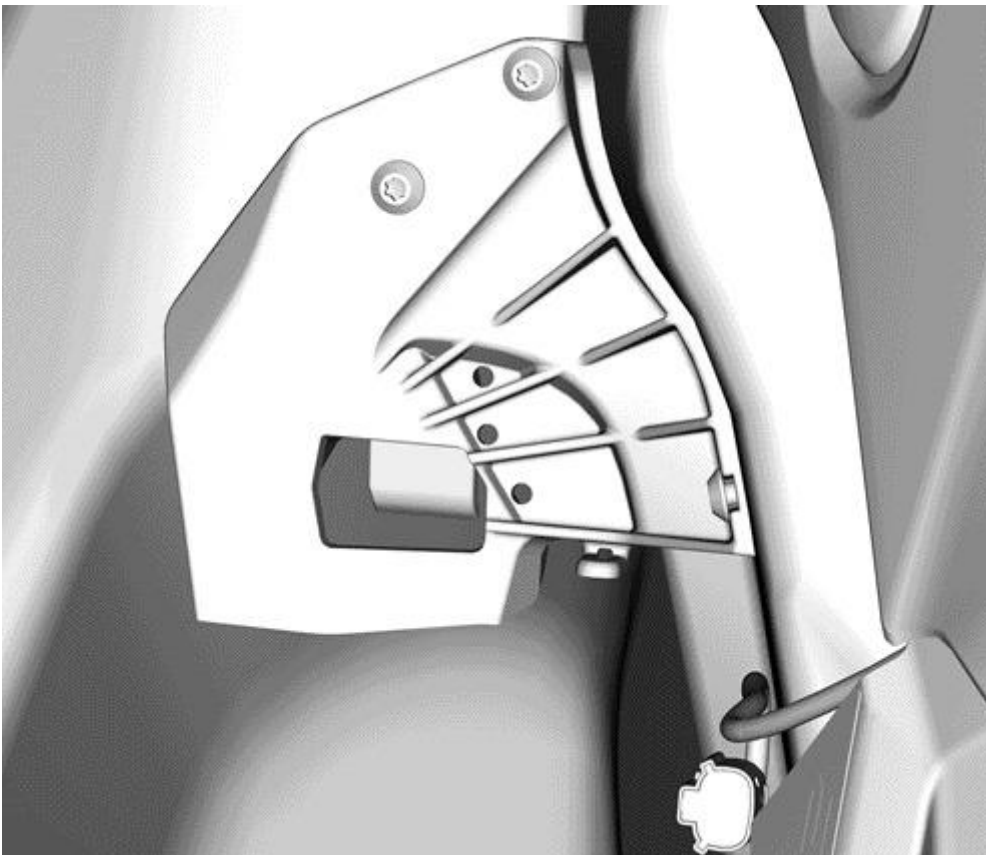


1. Speaker harness [P3]
2. Main harness [P2]
3. Vehicle harness

6. Insert the LH Bluetooth audio system [P9] in position by sliding it into the front support.



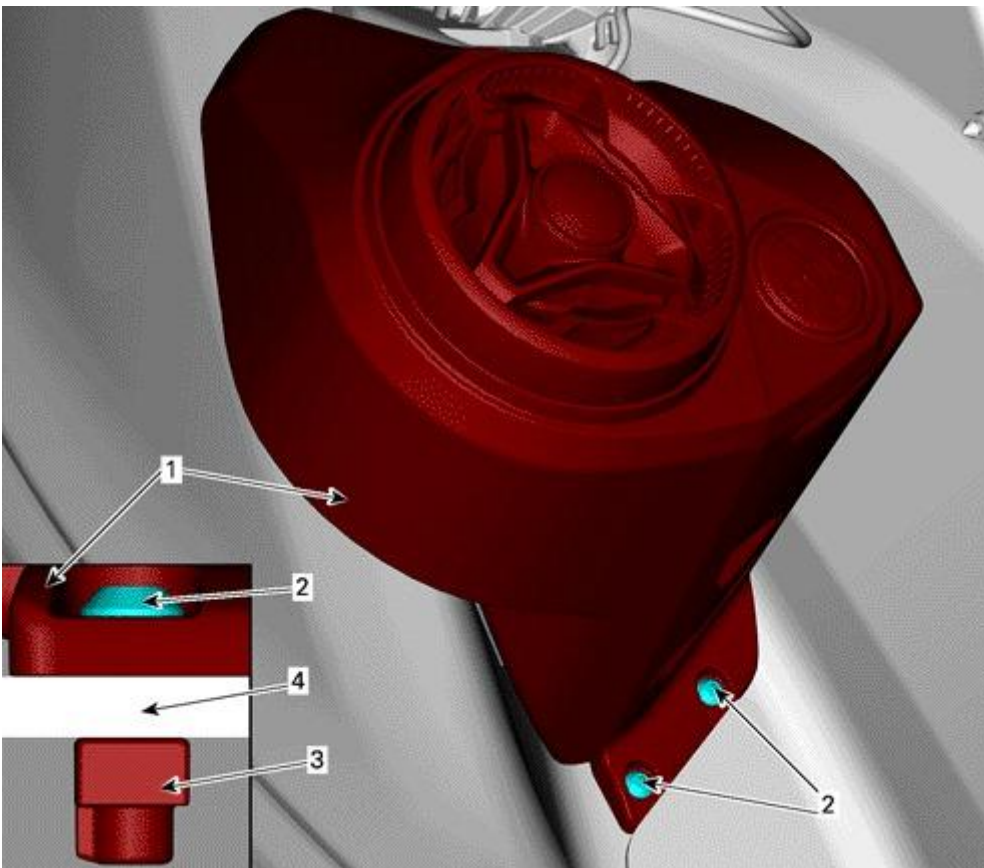
Left side view of the vehicle



Top view of the vehicle

7. Secure LH Bluetooth audio system [P9] onto the body using M6.81 x 30 Torx screw [P13] and insert [P20] from underneath.

NOTE: Use a 11/16" socket to help maintaining the insert [P20] while screwing the M6.81 x 30 Torx screw [P13].



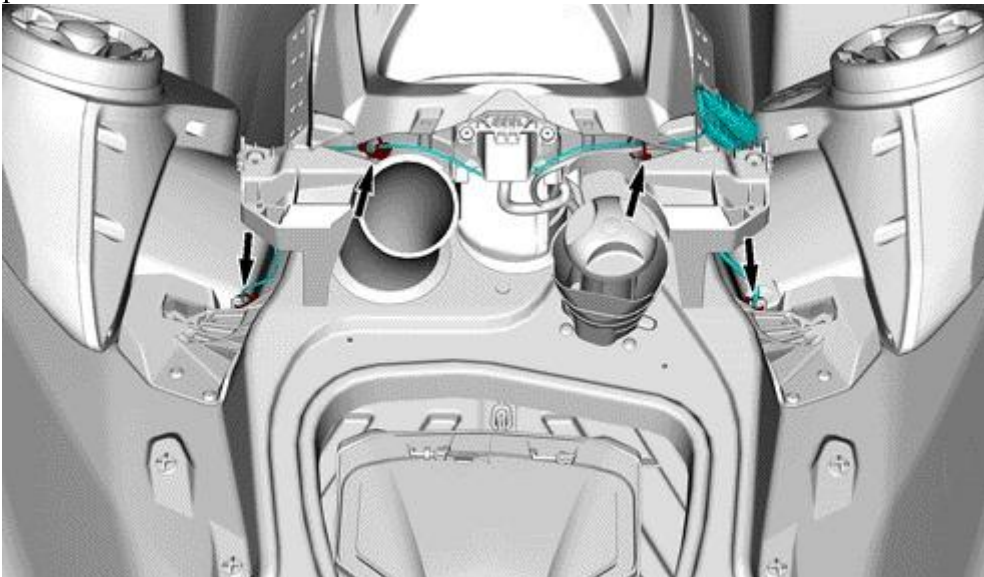
1. LH Bluetooth audio system [P9]
2. M6.81 x 30 Torx screw [P13]
3. Insert [P20]
4. Body

Tightening Torque

M6.81 x 30 Torx screw [P13]

$4.5 \pm .5 \text{ N}\cdot\text{m}$ ($40 \pm 4 \text{ lbf}\cdot\text{in}$)

8. Secure the harness using looking tie [P15] and mounting dart [P14] away from moving parts and/or hot parts.



- NOTE: Ensure harness is properly secured and no slack is present.
9. Reconnect battery and ensure the radio and sound system work properly.

NOTICE Connect RED cable (+) first then BLACK (-).

10. Reinstall all removed parts and refer to appropriate shop manual.


- Seat
- Mirror support
- Left central body panel
- Left font body panel

NOTICE When routing or installing harness ensure the harness does not come into contact with any sharp edge, mobile parts and hot surfaces.

Troubleshooting

Refer to appropriate section of the SHOP MANUAL for instructions.

Sound system operation

 **CAUTION:** Prolonged exposition to loud music can damage your hearing. Therefore, we suggest a 10 minutes break time every 45 minutes of listening.

Refer to appropriate section of the OPERATOR'S GUIDE for instructions.

[TEMPLATE.pdf](#)