

## SERVICE CAMPAIGN BULLETIN

TITLE:	Vehicle Software Update to Platform 9.5
CAMPAIGN REFERENCE	03N
DOCUMENT NUMBER:	11 M 090
AFFECTED VEHICLES:	McLaren 650S and 625C Coupe and Spider
SITUATION:	<ul> <li>Quality Engineering at McLaren Automotive have released a new software platform for the McLaren 650S and 625C.</li> <li>The most noticeable customer benefits of this software are:</li> <li>Improved Bluetooth performance</li> <li>Tuner not requesting software update in Chile on every ignition cycle</li> <li>AIS IRIS update dimming control in line with Instrument Cluster</li> <li>Introduction of Thailand language in the Instrument Cluster</li> </ul>
PROCEDURE:	It is necessary to update the software on all vehicles within your Aftersales car parc, both when carrying out Pre-Delivery Inspections (PDI) and at the next service centre visit.



Module	New software part numbers			
Switch Control Unit Gateway (SCUG)	11M2822CP.05			
	11M3203CP.04 650S Spider			
Instrument Cluster (IC)	11M3204CP.04 650S Coupe			
	11M3205CP.04 625C Spider			
Body Controller (BC)	11M2924CP.04			
Security Body Controller (SBC)	11M2923CP.04			
Door Module Left (DML)	11M2984CP.04			
Door Module Right (DMR)	11M2986CP.04			
Heating Ventilation and Air-Conditioning (HVAC)	11A4742CP.18			
Powertrain Chassis Control Unit (PCCU)	11M3070CP.09			
Engine Control Module (ECM)	11M3046CP.04 European/ROW			
	11M3049CP.04 Federal			
	13M1484CP.12 Europe			
Head Unit / IRIS (HU)	13M1485CP.12 Rest of World			
	13M1486CP.12 China/Hong Kong			
	11M3056CP.01 North America			
	11M3058CP.01 Australia/New Zealand			
	11M3059CP.01 Singapore/Malaysia/Indonesia/Thailand			
Satellite Navigation	11M3057CP.01 Middle East			
	11M3060CP.01 South Africa			
	11M3061CP.01 West/East Europe			
	11M3062CP.01 West Europe			
	11Q1128CP.01 650S Europe - English			
	11Q1129CP.01 650S Europe - French			
	11Q1130CP.01 650S Europe - German			
	11Q1131CP.01 650S Europe - Italian			
	11Q1132CP.01 650S Europe - Spanish			
	11Q1133CP.01 650S US/CAN - English			
Electronic Owner Manual	11Q1134CP.01 650S Canada - French Canadian			
	TTQTT35CP.01 650S MEAF - English			
	11011260001 6250 CAM - La Spanish			
	11011290001 6250 & 6505 Chipa Mandaria			
	1101130CP01 625C & 650S ADAC English			
	1101140CP 01 650S Taiwan -Traditional Chinese			
	1101142CP 01 650S Korea - English			



#### Removal:

1. Please refer to AA-RM-02A02-03-004 - Remove/Install luggage bin - rear.

#### **Requirements:**

**Care Point:** In order to avoid personal injury and damage to the vehicle, do not connect the positive terminal (+) of the charger to the negative terminal (-). Ensure that the connections are secure. Do not place any metal objects near the battery when charging and do not place the Deutronic battery charger directly onto the battery unit.

2.Connect Deutronic battery charger to the 12V battery and leave it connected during software reprogramming procedure. 3.Connect the McLaren Diagnostic System (MDS) to the vehicle.

**Care Point:** If the VCI is connected to the MDS via the USB cable please ensure the wireless interface is disabled in the VCI manager.

Care Point: Both the driver and passenger windows must be in the fully open position during software reprogramming procedure.

Care Point: All software downloads require the vehicle to be in ignition state 5.

Care Point: The key must be positioned in the driver's seat front pocket (1).





**Care Point:** The IC, ORC and PCCU will display software update is still available after they have been reprogrammed, this should be ignored. Check that the Software-Version matches the table below (2) to confirm the modules are at the latest level. IC software level displayed after this update will be 11M2977CP.09.

Home Portal	SBM11D model M/2019	AD9FW000533 5 Coupe 6505 M838T Diagnostic Toolbox (0)		
Quick Test	human sector			line of the second s
DML	1308	0	11M2984CP 02	
DMR	1308	0	11M2986CP.02.	none
ECM_02	11M1319CP.01.	0	11M3048CP.02.	none
EHPAS	1017	O	11M1034CP.03.	none
ЕРВ	9999	0	11M0935CP.04.	none
ESP	1114	0	11M2974CP.01	none
HU_02	9999	0	11M2909CP.18.	none
HVAC	1711	0	11A4742CP.16.	none
IC_04	1224	0	11M2977CP.05.	available
ORC 02	923	2	11M2359CP.01.	available
PCCU_02	1113	0	11M3070CP.04.	available
SAS	1037	0	11M1099CP.04.	none
SBC_02	1301	0	11M2923CP.02.	none 2
SCIML Bare				none
VCI available				

#### SCUG Software Update:

4. Select SCUG\_02 (1), then Reprogramming (2), the software level 11M2822CP.05 will be displayed (3). Proceed to the software download by selecting the arrow button (4).

		SBM11FAB6F\ model MY2015 Spide	<b>V004457</b> r 650S M838T				
Home Portal	Vehicle Information	Diagnostic Tor	w xodic			$\frown$	
Context ECM_02	Identification	E:McL Actual Values	DTCs	Actuators	54321 Sequences	2	Reprogramming
EHPAS EPB	Filename: 11M2	2822CP_05	3	ramming can be	started		
HU Base	Preparing: Erasing: Reprogramming:		$\mathcal{L}$	0% 0% 0%		~	
IC_04	Transfer rate:					4	
PCCU_02 SAS							
SBC_02 SCML							
SCUG_02							
VCI available							



	SBM11DACSFW005552 model M2015 Cuope 4505 MEDIT	X	
Home Portal	ehicle Information 😳 🗾 Diagnostic Toolbox 😉		
Context BC			2
DML	Identification Adual Values DTC Austors Sequences	Coding	
DMR			7
ECM_02	Nane		
EHPAS	Steering Column Manual Move		
EPB	Change Car Configuration		
ESP	Steering Column Calibration		
HU_02			
HVAC			
IC_04			
ORC 02	6		
PCCU_02			
SAS			
SCML Base			
SCMR Base			
SCUG_02			
TPMS			
VCI available	n		

5. Select Sequences (5), select Steering Column Calibration (6) then select the arrow button to proceed (7).

## IC Software Update:

Care Point: During the IC software reprogramming it is normal for the instrument cluster screens to display software numbers.

6. Select IC\_04 (1), then Reprogramming (2), the relevant software variant applicable to your vehicle will be displayed (3). Proceed to the software download by selecting the arrow button (4).

	SBM11DAD97 model MY2015 Cou	FW000533 pe 6505 M838T		
Home Portal	Vehicle Information 💿 Diagnostic Toolbox	0		
Context BC			<b>5432</b> 2	
DML DMR	Petronueuro Publica Pareza	rogramming can be	e started	negosydaminary
ECM_02 EHPAS	Filename: 11M3204CP_02 Preparing: Erasing:	3 0%		
EPB	Reprogramming:	0%	(	
HU_02	Transier falle.			
HVAC				
ORC 02				
SAS				
586_02 1 SCHL Base				
SCUG_02	-			
TPMS				
VCI available				



	SBM11AAA7CW000519 model M/2017 Coupe M3387 DIAGNOSTIC SYSTEM
Home Portal	Vehicle Information 💿 Diagnostic Toolbox 💿
Context	
TPMS	Identification Actual Values DTCs s Sequences Flashing
SAS Bare	
ESP	
DMK	Name
SCML	Align Vehicle Configuration
HVAC	Enter last Service data
SCUG	Programme VIN
ни	Read Last Service data
IC_03	Service Indicator Reset
EPB	Set configuration defaults
SCMR	Menu Disable
EHPAS	
ECM	
DML	Ö
SBC	
ORC	-

7. Select Sequences (5), select Set configuration defaults (6) then select the arrow button to proceed (7).

8. Select Align Vehicle Configuration (8), followed by the arrow button (9) to proceed.

	SBM11AAA7 model MY2011 (	CW000519 Coupe M838T				ТЕМ
Home Portal	Vehicle Information	gnostic Toolbax 🙆				
Context	ID E-McL		(CA	EV351		٦
TPMS	E-MCL		-8-	7475	10101010	m
SAS Bare	Identification Actual Value	s DTCs	Actuators	Sequences	Flashin	9
ESP				(	9	
DMR	Name					
SCML	Align Vehicle Configuration	8				
HVAC	Enter last Service data					
SCUG	Programme VIN	$\sim$				
HU	Read Last Service data					
IC_03	Service Indicator Reset					
EPB	Set configuration defaults					
SCMR	Menu Disable					
EHPAS						
ECM						
DML						
SBC						
ORC						



## BC Software Update:

	SBM11BAC2CW001 model MY2012 Spider M	021 838T	X	
Home Portal	Vehicle Information	oolbax 🔘		
Context	ID EMCL	DTCs Actuators	543ē	
CRCM		ming can b	e started	
DMR	Filename: 11M1215CP_13	3		
ECM	Preparing: Erasing:	0%		
EHPAS	Reprogramming:	0%		
EPB	Transfer rate:		]	
ESP				$\bigcirc$
HVAC				
IC 03				
ORC				
PCCU				
SAS				
SBC				
SCML				

9. Select BC (1), then Reprogramming (2), the software level 11M2924CP.04 will be displayed (3). Proceed to the software download by selecting the arrow button (4).

10. Select Sequences (5), then Programme VIN (6), then select the arrow button to proceed (7).

Horre Portal	Vehicle Information 💿 Diagnostic Toolbox 💿
Context SAS	
HVAC EHPAS	
HU Base	Narre
CPOH Bern	Parking Sensor Diagnostic Activation
IC_02	Align Vehicle Configuration
ECM	Programe VN
77971 Bare	
ORC	$\frown$
ESP	6
SCMR	
scug	$\sim$
BC	
DMR	
SBC	
PCCU	
VCI available	



	SBM11BAC5AV99PP04 web/#70710.com #887	$\mathbf{X}$	
Hone Portal	Vehicle information		
SAS	Line E-Mal E	54321 Fernances	1001010 1010000 1010000 100000 100000 100000 Fagingering
HVAC EHPAS		(	9
HU Base CAON dam	Name Parking Sensor Diagnostic Activation		
IC_02 ECM	Align Vehicle Contguration 8 Programme VN		
Titti kov			
ESP			
SCUG			
BC DMR			
sec PCCU			
VCI available			

11. Select Align Vehicle Configuration (8), followed by the arrow key (9).

#### SBC Software Update:

12. Select SBC (1), then Reprogramming (2), the software level 11M2923CP.04 will be displayed (3). Proceed to the software download by selecting the arrow button (4).



13. When the software download has been successfully completed, programming will force a sleep cycle to occur.

Care Point: The primary and secondary latch may operate at step 14 on Federal specification vehicles only.

14. After one minute, press the unlock, lock and the unlock button on the key and then establish the vehicle into ignition state 5 before following the next steps.



15. Select Sequences (5), then Programme VIN (6) then select the arrow button to proceed (7). The programme VIN procedure will force a sleep cycle to occur after the programming is complete.

Home Portal	Vehicle Information 💿 Diagnostic Toolbox 💿
CRCM Base	Identification Actual Values DTCs rrs Bequences reported Reprogramming
EPB BC	
TPMS	Name
DMR	Un-pair Immobilizer
DML	Key Test
SCARL Base	LF Antenna Continuity Test
HVAC	Key Programming
EHPAS	Alarm History
HU	Align Vehicle Configuration
ESP	Programme VIN6
SCUG	
ORC	
ECM	
SBC	
PCCU	

16. Press the unlock button on the key and then establish the vehicle into ignition state 5 before following the next steps. 17. Select Align Vehicle Configuration (8), followed by the arrow key (9).

	SBM11AAD9CW000533 model M12011 Coupe M838T		
Home Portal	/ehicle Information (a) Diagnostic Toolbox (a)		
CRCM Base	ID EMCL IS Athalian	54321 Securitories	
EPB BC		Coguines	9
TPMS	Name		
DMR	Un-pair Immobilizer		
DML	Key Test		
SCAR, Base	LF Antenna Continuity Test		
HVAC	Key Programming		
EHPAS	Alarm History		
HU	Align Vehicle Configuration		
ESP	Programme VIN		
SCUG			
ORC			
ECM			
SBC			
PCCU			

18. Press the unlock button on the key and then establish the vehicle into ignition state 5 before following the next steps.



## DML Software Update:

19. Select DML (1), then Reprogramming (2), the software level 11M2984CP.04 will be displayed (3). Proceed to the software download by selecting the arrow button (4).

	SBM11BAC2CW00 model MY2012 Spider	<b>21021</b> M838T		
Home Portal	Vehicle Information	Toolbox 🕖		
Context BC	ID Identification Actual Values	DTCs Actuators	Sequences 2	Reprogramming
DML	Elename: 11M1071CD 12	ning can	be started	
DMR ECM	Preparing:	0%		
EHPAS EPB 1	Transfer rate:	0%	E	
HU_02				
10 03				
PCCU				
SAS SBC_02				
SCML				

20. Select Sequences (5), select Align Vehicle Configuration (6), followed by the arrow key (7).21. Select Window Calibration (8), followed again by the arrow key (7).

Home Portal	Vehicle Information () Diagnostic Toolbox ()
SCML	8 E-MCL 5 HODIOR HODIOR
ORC C	
CRCM Base	Name Window Calibration
EHPAS ECM Bare	Align Vehicle Configuration 6 Programme VIN
SCMR	
DMR	
SCUG	
BC SBC	
SAS PCCU	
VCI available	



## DMR Software Update:

22. Select DMR (1), then Reprogramming (2), the software level 11M2986CP.04 will be displayed (3). Proceed to the software download by selecting the arrow button (4).

	SBM11BAC20 model MY2012 S	CW001021 Spider M838T	X	
Home Portal	rehicle Information 💿 Diagn	nostic Toolbox 🧿		
Context BC	ID Identification Actual Values	DTCs Actuators	54327 2	Recogramming
CRCM DML	Elename: 11M1070CD 10	ning o	can be started	
DMR ECM	Preparing: Erasing:	07	K K	
EHPAS EPB	Transfer rate:	U*	` (	
ESP 1				
HVAC IC 03				
ORC PCCU				
SAS SBC_02				
SCML				

23. Select Sequences (5), select Align Vehicle Configuration (6), followed by the arrow key (7).24. Select Window Calibration (8), followed again by the arrow key (7).

	SBM11BAC5AW99PP04 www.vr/srticew.vtate	
Home Portal	Vehicle Information (i) Diagnostic Toolbox (i)	
Context TPMS		hoomolo biologic biologic biologic biologic biologic Biologic Biologic Biologic Biologic biol
IC_02 HVAC		
EPB	Name Window Calibration	
CRCM Base	Align Vehicle Configuration O Programme VIN	
EHPAS		
SCMR		
DMR		
SCUG		
VCI available		



#### HVAC Software Update:

Care Point: DTC B1A3A00 HVAC: Config Reset can be ignored after the software update has been completed.

Care Point: If the HVAC module software does not appear, this means it already has the latest software, proceed to step 27.

25. Select HVAC (1) then Reprogramming (2), the software level 11A4742CP.18 will be displayed (3). Proceed to the software download by selecting the arrow button (4).



26. After the HVAC has been updated, the HVAC display panel may show the CAL symbol while the system performs a self calibration. When completed, the CAL symbol will disappear from the display.



#### PCCU Software Update:

**Care Point:** During the reprogramming of the PCCU the system may state preconditions or post conditions failed. These are erroneous messages and can be ignored. Only a programming failed message should be noted as a legitimate failure.

27. Select PCCU\_02 (1), then Reprogramming (2), the software level 11M3070CP.08 will be displayed (3). Proceed to the software download by selecting the arrow button (4).



28. Cycle the ignition (off on off on) and wait for 30 seconds. Place the vehicle into a sleep mode, and then establish the vehicle back into ignition state 5. Clear any DTC's before continuing on with the procedure.

29. Select PCCU 02 (5), then Sequences (6), select Align Vehicle Configuration (7), followed by the arrow key (8).

Home Portal	Vehicle Information 🔞 Diagnostic Toolbox 🥹
SCML	
EPB ORC	
CRCM Base	Name
DML	Un-pair Immobilizer
EHPAS	PCCU Data Transfer
ECM Base	Suspension Displacement Sensor Calibration
SCMR	APMU Sensor Calibration
ни	APMU Maintenance Start
DMR	APMU Maintenance Finished
ESP	Airbrake Calibration and Bleed
scuc 5	Dual Clutch Calibration
BC	Exhaust Valve Learn Routine
SBC	Kinetic Damping System Pressure Sensor Check
SAS	Align Vehicle Configuration 7
PCCU	Programme VIN
VCI available	



SBM11AAA7CW000519 model MY2011 Coupe M838T X McLaren bi iv Diagnostic Toolbox 🕑 Vehicle Information Contex ID DTCs 10011010 31010100 10101010 St. 54321 V E=McL есм TPMS -10 EPB Name DMR ose Lifter sensor calibration DML PCCU Data Transfer вс pension Displacement Sensor Calibration нυ APMU Sensor Calibration ORC 02 APMU Maintenance Start SCML APMU Maintenance Finished SCMR Arbrake Calibration and Bleed Dual Clutch Calibration scug EHPAS Schaust Valve Learn Routine PCCU inetic Damping System Pressure Sensor Check ESP Nign Vehicle Configuration 9 SBC

30. Select Programme VIN (9), followed by the arrow key (10).

## ECM Software Update:

31. Select ECM\_02 (1), then Reprogramming (2), the software variant applicable to your market will be displayed (3). Proceed to the software download by selecting the arrow button (4).



32. Cycle the ignition (off on off on) and wait for 30 seconds.



33. Press the stop/start button with the brake pedal depressed to start the engine and allow it to idle until fully warm.

**Care Point:** The Air conditioning must be switched on and the engine coolant temperature must be above 80°C before proceeding with the camshaft adaption procedure.

34. Select ECM (5), then Actual Values (6), select the following values as per the screenshot below (7), then select the play button to access the required data screen.

35. The inlet camshaft values should be between 1 and 4 and exhaust values should be between -9 and -12 both values will fluctuate slightly. If all values are correct no further action is required proceed to step 37. If any values are incorrect proceed to step 36 to carry out the camshaft adaption.





36. Switch the engine off, wait 30 seconds, restart the engine and recheck the values. Repeat this procedure until the target values are achieved.

Care point: The fuel level must be above 1/4 before you proceed to the Diagnostic Module Leakage Test (DMTL).

Care point: The DMTL test can take up to eight minutes to complete the 20 thou and 40 thou leak test

37. Select Sequences (8), then DMTL Diagnostic Module Leakage Test (9), followed by the arrow button to proceed (10).

	SBM11AAAJCW000002 model M12011 Coupe HE38T	
Home Portal	Vehicle Information @ Diagnostic Toolbox (9	
Context IC 02		
HVAC CROM Bank		
ESP	Name	
SAS	Un-pair Immobilizer	$\sim$
TPMS	Clear Misfire adaptations	
ORC	Start throttle adaption	
DMR	Save throttle adaption	
ECM	DTML Diagnostic Module Tank Leakage Test	
EHPAS	Programme VIN	
SCUG		
HU		
SCMR		
EPB		
SBC		
DML		
BC		
SCML		
PCCU	]	
VCI available		

38. End the current MDS session to allow session feedback to be sent and stored at McLaren.



**Care Point:** Navigation software update only needs to be performed on vehicles that have not previously had platform 8.5 campaign completed. This can be confirmed by checking the application software level part number suffix does not end in .46.

#### **IRIS AIS Application Software:**

Care Point: The Application Software will be supplied via USB to dealers.

**Care Point:** Do not turn off the engine or change the ignition state during the update process unless stated within this update procedure.

39. Switch the ignition ON to ignition state 5 and start the engine.

40. Make a note of the options displayed on the Home Screen as this information will be required to configure the head unit. Example screen below of the home page (1).



41. Insert the USB drive with the application software into the USB socket (2).



10/08/2016



42. Once the USB has been inserted, the system should provide a message stating a USB device has been detected.

- 43. Press the Settings hard button on the IRIS console.
- 44. Select About (3) and then Update Product (4).



45. On the following screen select Update by USB Stick (5). A pop up message will be displayed. Press OK (6) to start the loading operation.



	*
UPDATE PRODUCT	
	$\overline{\ }$
Please insert the USB	
stick containing update file	
	ן ך
6	
6	



46. The following screen will be displayed (7) and the system will reboot.



47. After the system has rebooted it will search for and check the update file (8). Once the installation has finished the following screen will be displayed (9) and the system will reboot.







48. Following the reboot the system will start to update the individual system components (10), (11). During the update the system may reboot multiple times. This is normal, **do not attempt a manual reset**.



**Care Point:** In case the system should get stuck on the update screen if one of the component updates has failed, press and hold the home button for 45s to force the system to reboot.

49. Once all components have been updated and the system has fully rebooted, press the Settings hard button on the IRIS console.

50. Select About (12) and then select Versions (13).

	*
SETTINGS	
WIRELESS & NETWOR	кs
VOLUME SETTIN	GS
	$\overline{}$
MERIDIA	٩N
LANGUAGE & KEYBOA	RD
ADVANCED SETTIN	GS
DISPLAY D	FF
	υт





51. Confirm that the McLaren Software Part Number matches the Part Number listed in Table at Page 2 of this document. 52. Press the Home button on the IRIS console to return to the Home screen and remove the USB drive.

**Care Point:** For vehicles where the Learn Vehicle Model process has been completed previously the option will not be available on the Home screen. In this case go to step 54.

53. Select Learn Vehicle Model (14) from the Home Screen. The system will perform a configuration update and reboot. Wait until the system has fully booted to the Home screen before proceeding to the next step.



Care Point: The VCI must be connected to the MDS with the USB cable to perform the next steps.

54. Start a new MDS session in the MDS Offline mode, refer to Service Information Bulletin 11 S 011 McLaren Diagnostic System (MDS) Offline, and proceed to complete the remaining procedures.

55. Select HU\_02 (15), then select Sequences (16), select Align Vehicle Configuration (17), followed by the arrow key (18). 56. Select Programme VIN (19), followed by the arrow key (18).





			SBM11AAA10 model MY2012 C	20001617 Coupe M838T				
Home Portal	<b>di</b>	rehicle Information 0	Diagnostic To					
Context		ID	E:McL			54321	מוסווססון רססוסוסון סיסווסוסי	1
CRCM Base		Identification	Actual Values	DTCs	Actuators	Sequences	Codie	Reprogramming
DML Base							21	
DMR		Name						
ECM Base		Align Vehicle Configu	ration					
EHPAS		Programme VIN						
EPB		Head Unit Configurati	on 🚽	20				
ESP	_			$\smile$				
IC Base								
ORC Base								
PCCU								
SAS Base								
SBC_02	V	-						
VCI available								

57. Select Head Unit Configuration (20), followed by the arrow key (21).

58. The following screen will appear, select OK (22).

		SBM11AAA1CV model MY2012 Co	VOO1617 upe M838T				
Home Portal	/ehicle Information $\overline{0}$	Diagnostic Too	olbox 🕐				
Context				Actuators	54321 Sequences		Remonstration
DML Base							
DMR ECM Base							
EHPAS EPB							
ESP HU_02			Hea Prea Batt	d Unit Configura condition: tery charger is co	tion		
HVAC /C Base			Igni Eng	tion On ine Off			
ORC Base PCCU	,						
SAS Base SBC_02	-					22	ОК
VCI available							



			SBM11AAA3C model MY2012 C	CW000002 oupe M838T				
Home Portal	v	ehicle Information 0	Diagnostic To	oolbox 🕡				
Context BC	Δ	ID	E:McL Actual Values	DTCs	Actuators	54321 Sequences		Reprogramming
CRCM Base								
DMR				1	Please select cou	intry		
ECM		Choices						
EHPAS		South Africa						
EPB		Spain						
ESP		Sweden						
HU_02		Switzerland						
HVAC		Taiwan						
IC 03		Thailand						
ORC	U	ик						
PCCU		United Arab Emirates						
SAS		USA						
SBC_02	V						23	OK OK
VCI available							$\overline{}$	

59. Select the relevant country followed by OK (23).

Care Point: The following screen will appear only if Canada is selected above. For any other countries proceed to step 61.

								X
			SBM11AAA1C model MY2012 C	W001617 Dupe M838T				
Home Portal	v	ehicle Information 0	Diagnostic To					
Context BC Base	Δ	Identification	E:McL Actual Values	DICs	Actuators	54321 Sequences		Reprogramming
CRCM Base			, india rando	5100	, Marioro	00400000	obuility	
DMR Base				Please	e select vehicle e	quipment		
ECM		Choices						
EHPAS		FM/AM						
ЕРВ		FM/AM/DAB						
ESP		FM/AM/SXM						
HU_02								
HVAC								$\frown$
IC 03								24
ORC	U							24
PCCU_02								$\checkmark$
SAS								↓ I
SBC_02	V							ОК

60. Select the relevant radio frequency option, followed by OK (24).



			SBM11AAA3C model MY2012 C	W000002 oupe M838T			
Home Portal		/ehicle Information ①	Diagnostic To	oolbox 🕖			
Context BC	Δ	ID	E:MCL Actual Values	DTCs	Actuators	54321 Sequences	Reprogramming
DML							
DMR ECM							
EHPAS EPB							
ESP HU_02						C11 1	
HVAC				15 1	ear view camer	a fitted	25
ORC							$\mathbf{\mathbf{\nabla}}$
SAS							Ļ
SBC_02 VCI available	V						No

61. Is rear view camera fitted, select Yes or No (25).

Care Point: McLaren Track Telemetry is not available option for McLaren 650S and 625C.

63. Proceed and select No (26).

							X
		SBM11AAA3C model MY2012 Co	W000002 upe M838T		X		
Home Portal	Vehicle Information	Diagnostic Tor	olbox 🔘				
Context BC		E:MCL Actual Values	DICs	Actuators	54321 Sequences		Reprogramming
ORCM Base							
DMR ECM							
EHPAS EPB							
ESP HU_02	Enter PIN to a Have you beer	ctivate McLaren Tr n issued with a PIN	rack Telemetry I to active McLi	aren Track Teler	netry please sel	ect Yes or NO t	o proceed without
IC 03	activating						26
PCCU							
SAS SBC_02							No Yes
VCI available							



			SBM11AAA3C model MY2012 Co	W000002 Dupe M838T		X		
Home Portal	<b>zi</b> v	ehicle Information	Diagnostic To	olbox 🛈				
Context BC	Δ	ID	E:McL Actual Values	DTCs	Actuators	54321 Sequences		Reprogramming
CRCM Base							27	
ECM								
EPB								
HU_02					Operation succes	ssful.		
IC 03								
PCCU								
SBC_02	V							
VCI available								

64. Operation successful will be displayed. Select the back arrow (28) to exit the sequence.



**Care Point:** Performing Factory Data Reset will delete the stored radio stations and paired phones.

- 65. Press the Settings hard button on the IRIS console.
- 66. Select Advanced Settings (28) and then Privacy (29) in order to access the Factory Data Reset.



67. Select Factory Data Reset (30) followed by Reset (31) and then Erase Everything (32).



68. The system will reboot. The Factory Data Reset will be completed once the system has returned to the Standby Screen.69. Wait until the system has fully rebooted, then switch the engine off and ignition back on.



#### Navigation Software Update:

Care Point: The Navigation maps have been provided via USB stick as part of a previous software update and should be reused.

**Care Point:** Navigation software update only needs to be performed on vehicles that have not previously had platform 8.5 campaign completed. This can be confirmed by checking the application software level part number suffix does not end in .46.

**Care Point:** Navigation software update needs to be performed in China/Hong Kong vehicles irrelevant to the previous application software level installed.

**Care Point:** The Navigation map for China and Hong Kong has not been sent via USB drive to the dealers and has not been installed at production. The installation and activation needs to be completed at the local dealer, please contact your regional office for further assistance.

**Care Point:** The Navigation map installation is only applicable for markets with navigation support. Please refer to Table at Page 2 of this document to determine whether navigation is available for the respective market.

**Care Point:** Do NOT turn off the engine or change the ignition state during the update process unless stated within this update procedure.

- 70. Switch the ignition ON to ignition state 5 and start the engine.
- 71. Insert the USB drive with the Navigation Maps into the USB socket (1).

72. Once the USB has been inserted, the system should provide a message indicating that a USB device has been detected.





73. After 1-2 minutes the screen below will be displayed. Select Update (2).

74. The following screen (3) will appear when old files have been detected and need to be removed before new files are loaded.



75. The following screen (4) will be displayed, stating the number of files to be copied and the current progress. Depending on the map region to be installed, the number of files may differ from the example below. 76. Press Done to complete the installation (5) and remove the USB drive.



77. Complete a Factory Data Reset by following steps 65-69 in the IRIS AIS Application Software Installation section. 78. Wait until the system has fully rebooted, then turn the engine and ignition off.



#### **IRIS Electronic User Manual Installation:**

Care Point: The Electronic User Manual is only available for McLaren 650S and 625C models and is not supported on McLaren 12C model.

79. Access the McLaren Marketing Toolkit Website <u>https://www.mclarenmarketingsuite.com</u> to download the required owner manual.

80. If you are a registered user enter your Username and Password to sign in. Proceed to Step 84. 81. If you are not a registered user click at "Click here to register for access" (1) to register.



82. Complete the form with your details and where it asks to select "which best applies to you" select McLaren Technical (2).



83. Submit the form and a request will be sent to McLaren. As soon as the request has been approved you will receive an email and you will then be able to sign in to the McLaren Marketing Toolkit Website.
84. Click on Read More (3) under Owners Manual and Installation section.





85. To download Owner Manuals click at the zip file (4) required based on the market. Please refer to Table at Page 2 of this document to determine the correct user manual versions for each market.

Owner The Owner M	r Manuals and	d and ready in various languages	for you to download onto a	a blank USB misss sto	race device and upload or	nto the car
	B Flectose Own	n Manusal testatistips		Country Alberton	er Document	
Owner	Manuals	250 und 1655 - Asia Pacific Engr		Contex Manual I Contexes	250 and 6505 - Kala Pal	ific Traditiona
	Conner Manuali 6	25C and 1005 - China Mandam		Q Owner Manual I	105 - Europe English	
	Conner Manual 6	500 - Europe French	۲	Q Owner Manual I	500 - Exerce German	$\boldsymbol{\mathcal{C}}$
۲						-

86. A File Download pop-up will appear, select Save (5) to save the file to your local hard drive.



Care Point: The USB drive must be formatted to FAT32 before used.

87. Extract the zip file and copy the folder named *user\_manual* into a blank USB drive. Please note that only one user manual can be installed at a time.

**Care Point:** Do not turn off the engine or change the ignition state during the update process unless stated within this update procedure.



- 88. Switch the ignition ON to ignition state 5 and start the engine.
- 89. Insert the USB drive with the User Manual into the USB socket (6).



90. Once the USB has been inserted, the system should provide a message indicating that a USB device has been detected. 91. After 1 to 2 minutes another screen will be displayed indicating "New Files Found". Select Update (7) to erase any existing user manual files and to install the new files.





92. If any old files are detected, these files will be removed before the new files are loaded. A status bar will be displayed showing the progress (8).

93. Once the old files have been removed, the system will start to download the new files and the progress will be displayed on the screen (9). Please note that the number of files that have been copied may be different from the example below.



94. Press DONE to complete the installation (10) and remove the USB drive.

95. Complete a Factory Data Reset by following steps 65-69 in the IRIS AIS Application Software Installation section.

96. Wait until the system has fully rebooted, then turn the engine off and ignition back on.

97. The user manual can be accessed via the Apps menu. Press the Apps Icon on the Home screen then select User Manual (11) to confirm that the User Manual has been correctly installed.



*
BROWSER
MAP5
((•)) TUNEIN
11



## Adaptions Requirements:

	SBM11AAD9CW000533 model#ICD11_Coupe.#838T	X	
Home Portal	Vehicle Information () Diagnostic Toolbox ()	ficonorà	1
HVAC SAS	Literatication Actual Values DTCs 2 Sequences	noionoio angenoio Coding	Rez
IC 03	Name		
TPMS CRUI Income	Secondary Air Diagnosis		$\smile$
EPB	ECM Calibration selection for DLD		
DMR BC 1	Un-pair Immobilizer Clear Mistrie adaptations		
DML	Start throttle adaption		
ORC	Save throttle adaption		
SCAR, Barr	Programme VIN		
CARR Bare			
scug			
EHPAS			
ESP			
SBC	-		
VCI available	1		

98. Select ECM (1), then Sequences (2), then Clear Misfire adaptations (3), followed by the arrow button (4) to proceed.

99. Select Actual Values (5), select the following values as per the screenshot below (6), then select the play button to access the required data screen.





100. Misfire adaptations are performed whilst the car is driven with the gearbox set to manual mode and with the A/C off. Perform eleven successive fuel cuts from above 4000rpm for a 5 second duration (a fuel cut off will occur when the accelerator pedal is fully released).

101. Once the Fuel off Adaption Counter reaches 11, the Fuel off Adaption Finished Counter will display 1; the misfire adaptions have been learned. The Fuel off Adaption Counter will display Zero and then start to count again when further fuel cut offs occur, this is correct operation and no further action is required.

Please contact your Regional Aftersales Manager should you have any questions relating to the information contained in this bulletin.



**Warranty Information:** An additional time of 0.25 hours to update the Navigation software (if required) can only be claimed in the Additional Costs section of the warranty claim.

# WARRANTY INFORMATION

DESCRIPTION

RESOLUTION CODE

TOTAL REPAIR TIME

Software Platform Update to 9.5

M0M30110A33I4A07

2.2hours

## PARTS INFORMATION

DESCRIPTION	PART NUMBER	QUANTITY	ORDER PROCESS
N/A	N/A	N/A	N/A