

SB-10052424-5969

SERVICE ACTION		
To:	All Dealers	Reference SA-15-0220 Issued: 24 April 2013 Page 1 of 11
For the attention of:	Service Manager/After Sales Manager	
Please copy to:	The Dealer Principal	
	The Sales Manager	
	The Warranty Administrator	
	Aston Martin Technician(s)	
	The Parts Manager	
Model:	Vanquish 13/14 MY	
VIN Range:	Refer to Appendix A	
Subject:	More Infotainment Control Unit (ICU) Software Updates for Vanquish	

Reason for this Service Action (SA-15-0220)

There is an additional software update that has been released for the Infotainment Control Unit (ICU) on Vanquish. It is applicable to the later level amplifiers from VIN J00566 to J00754 but, some vehicles before these VINs have a newer level amplifier installed. This software update is also applicable to those vehicles but they will not be in the affected VIN list in Appendix A.

It is also possible that the software has been updated by Aston Martin before the vehicle is sold and given to the Customer. Please refer to step 34 of the Workshop Procedure that follows and do a check of the software levels. If the software is already at the specified levels, please enter the data in the Warranty system for that vehicle. You do not need to do the Workshop Procedure on that vehicle.

CAUTION: THIS SOFTWARE UPDATE IS ONLY APPLICABLE TO VANQUISH VEHICLES THAT HAVE THE LATER LEVEL AMPLIFIER SOFTWARE INSTALLED. MAKE SURE THAT THE AMPLIFIER SOFTWARE IS THE CORRECT LEVEL BEFORE YOU COMPLETE THE PROCEDURE (REFER TO PART A OF THE WORKSHOP PROCEDURE).

This Service Action gives the instructions to install the software update that will give the improvements that follow:

Media Player

- Missing icons
- CD Player more reliable
- Media Player and Bluetooth audio improvements

Phone

- Phone audio correctly set after a MOST break.
- Phone book operation.
- Conference (3-way) call function.

Radio

- SDARS Electronic Serial Number (ESN) and Production Serial Number (PSN) read
- DAB comfort noise.

Other Improvements

- Sat Nav prompts are corrected (the error was: the audio mutes but Sat Nav prompts were not heard).

- Japanese System crash because characters from Apple devices were not being handled correctly.
- US radio frequency does not save correctly during a shutdown.
- Sirius does not initialise correctly at start up and system displays Channel "00".
- Bluetooth does not always play when selected.

There will be more Service Communications that follow that will correct other problems that include:

- Phone book operation
- Second call when the phone is in use
- More improvements to radio reception
- Let AMDS download software to the amplifier.

Please refer to the attached VIN list in Appendix A and do the Workshop Procedure that follows to update the infotainment software on all vehicles in the list.

Note: *All of the new software files will download to your AMDS automatically when you update to AMDS V2.34.*

CAUTION: DO THE SOFTWARE UPDATES IN THE CORRECT SEQUENCE THAT FOLLOWS. IF YOU DO NOT, THE SYSTEMS WILL NOT OPERATE CORRECTLY.

Contents of this Document

This Service Action has the parts that follow:

- Workshop Procedure
 - Part A - Do a Check of the Amplifier Module Software Version
 - Part B - Use the AMDS to Flash the ICU S12 Software
 - Part C - Update the ARM Software
 - Part D - Update the Software for the Parrot™ System
- Appendix A - List of Applicable VINs.

Please refer to Appendix A for the list of applicable VINs for the vehicles that are affected by this Service Action.

Workshop Procedure

Note: *You will need a USB memory stick that has a minimum of 65 Mb storage space to do parts of this workshop procedure.*

Part A - Do a Check of the Amplifier Module Software Version

1. Make sure that your AMDS software is at Version 2.34 or newer.
2. Use the VCI box to connect the AMDS to the vehicle.
3. Set the ignition to ON.
4. Start the AMDS.
5. Use the AMDS "Part Read" function to do a check of the amplifier software version. If the software version is "SW31010906AL", the amplifier has the later software and you can continue with this procedure

CAUTION: IF THE AMPLIFIER SOFTWARE VERSION IS 3101096AD, DO NOT CONTINUE WITH PARTS B THRU E OF THIS PROCEDURE. IF YOU DO, THE SYSTEM WILL NOT OPERATE CORRECTLY.

Part B - Use the AMDS to Flash the ICU S12 Software

6. Click on the "Flash" button (1) (refer to Figure 1).
7. Click on "ICU" (2).

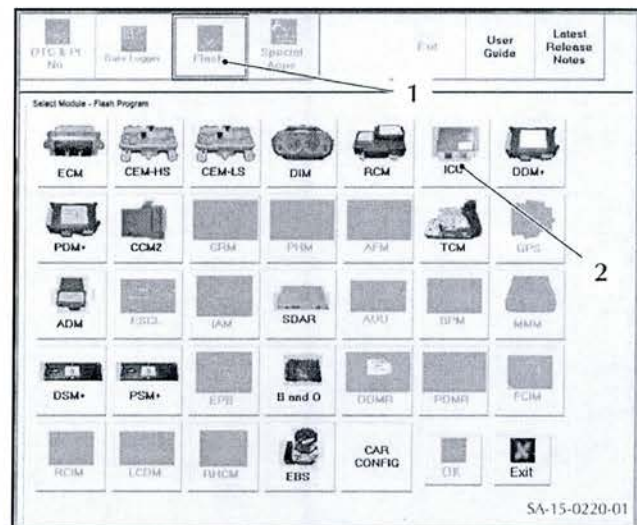


Figure 1

8. While the software installs, you will see the display shown in Figure 2.

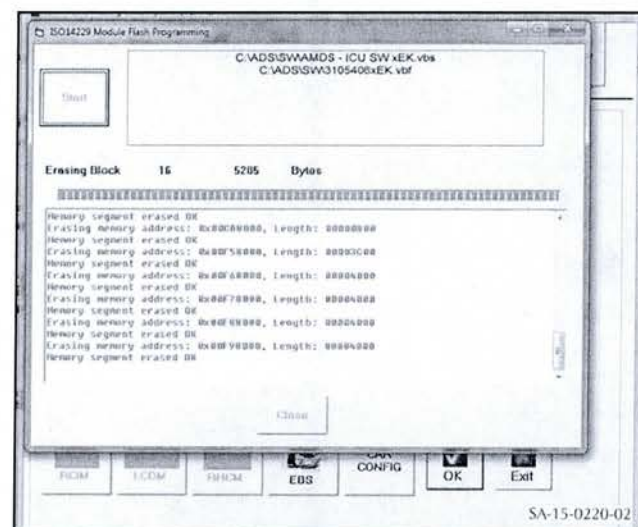


Figure 2

9. When the software is fully installed and the AMDS tells you, set the ignition to OFF and then to ON again. The ICU S12 software update is complete.
10. Close and disconnect the AMDS.

Part C - Update the ARM Software

11. Install the USB memory stick into the AMDS.
12. Copy the two files (1):
 "fc6050_update_SW2_01.90.plf" and "AML.VH310.Master.Update.Rev7.5.01030.upd"
 from C:\ads\sw_icu\ (2) (refer to Figure 3) into the root directory of a USB memory stick.

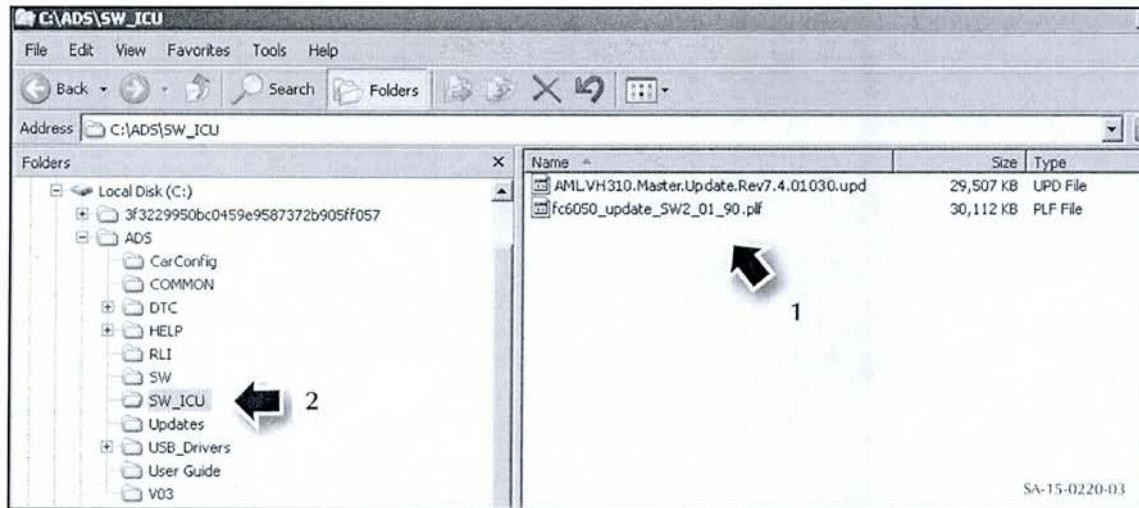


Figure 3

13. Change the name of the file "fc6050_update_SW2_01.90.plf" on the USB memory stick to "fc6050_update.plf"
14. Make sure that the ignition is set to ON.
15. Release the left rear heelboard from the Velcro fixing.
16. Remove the left rear heelboard to get access to the Infotainment Control Unit (ICU).

CAUTION: DO NOT SET THE IGNITION TO OFF DURING THE SOFTWARE UPDATE. IF YOU DO, THE SYSTEM WILL NOT OPERATE CORRECTLY.

17. Install the memory stick into the usb port on the ICU. The software update will start automatically.
18. You will see the progress bar in the display (refer to Figure 4). When the update process is completed, the ICU will start again.

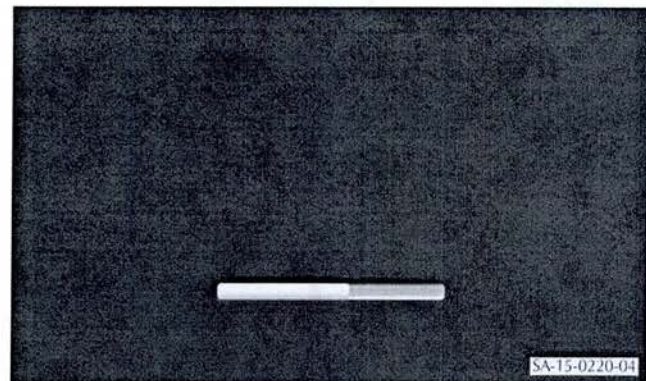


Figure 4

19. Make sure that the ICU software Version is now "7.4.01030" in the display (1) (refer to Figure 5).

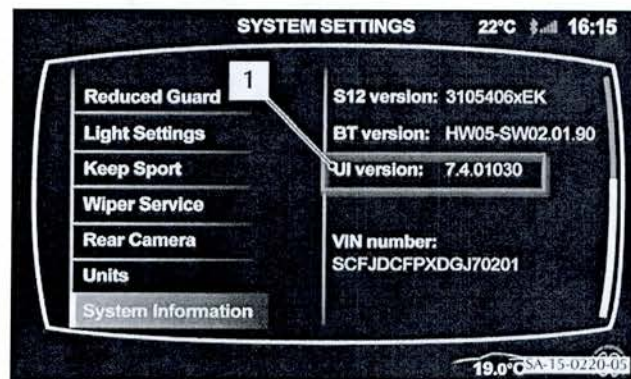


Figure 5

20. Remove the memory stick from the ICU.
21. Install the left rear heelboard.

Part D - Update the Software for the Parrot™ System

CAUTION CONNECT THE VEHICLE BATTERY TO A CHARGER OR START THE ENGINE WHEN YOU DO THE PROCEDURE THAT FOLLOWS. FAILURE OF THE BATTERY POWER DURING THE UPDATE WILL CAUSE THE PARROT™ SYSTEM TO MALFUNCTION.

Note: The media playback and Bluetooth phone functions are supplied by Parrot™.

22. Connect a charger to the vehicle battery, or start the engine.
23. Install the memory stick into one of the three vehicle USB ports. These are located:
1. In the trinket box at the front of the centre console
 2. In the "cubby box" under the driver's armrest
 3. In the right side of the boot.
24. Go to the settings page of the infotainment system (refer to Figure 6).
25. Scroll down to "System Information" (1).
26. Record the installed software number at "BT version" (2).

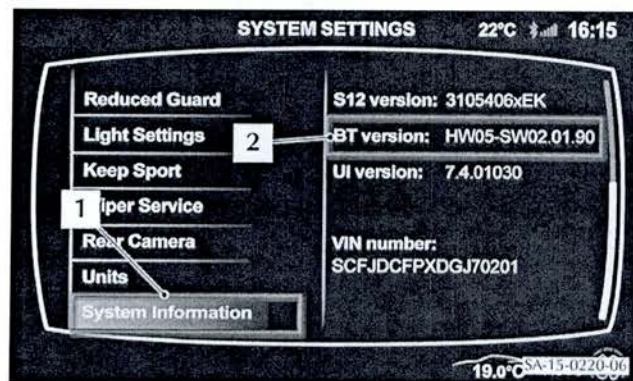


Figure 6

27. Push the joystick (1) to the right two times. This will show the "Diagnostics" page (2) (refer to Figure 7).

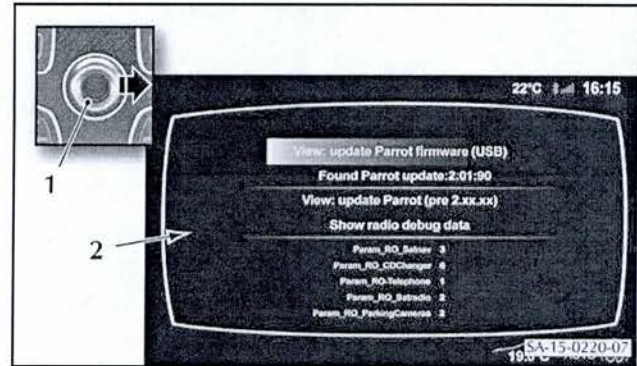


Figure 7

28. If the installed software that you recorded in step 26 starts "HW05-SW02", select the first option (1) in the diagnostics screen (refer to Figure 8).
29. If the installed software that you recorded in step 26 starts "HW00-SW01.08", select the second option (2) in the diagnostics screen.
30. Push the joystick centre button to start the update.

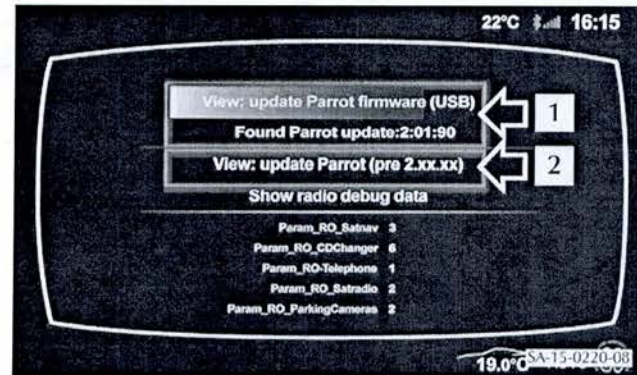


Figure 8

31. A disclaimer screen will show. Click on the joystick centre button.
32. The software will start to update and you will see a progress bar (refer to Figure 9).

Note: The update can take 4 minutes to complete.

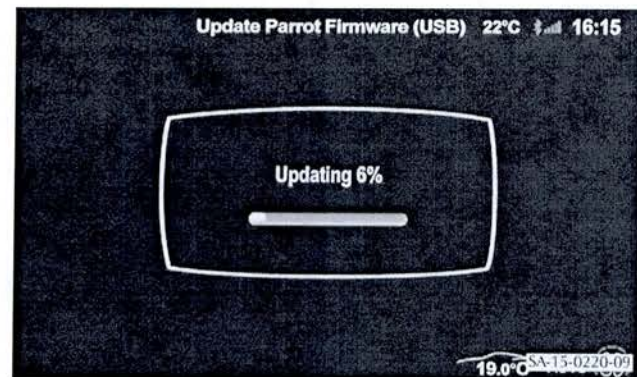


Figure 9

33. When the software has updated, the system will start again. This can take up to 2 minutes (refer to Figure 10).



Figure 10

34. When the system has started again, make sure that correct version numbers are shown in the System information (1) (refer to Figure 11). These are:

S12 version 3105406xEK
 BT version HW05-SW02.01.90
 UI version 7.3.00916.

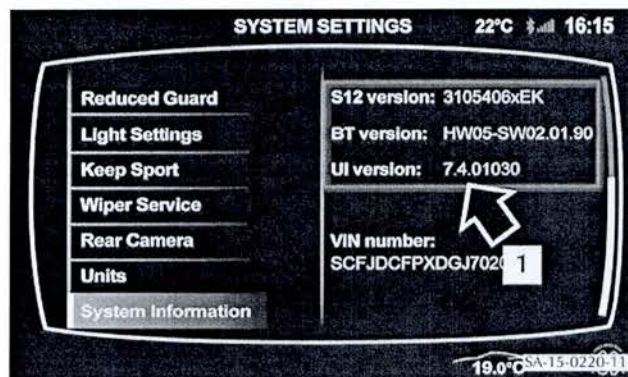


Figure 11

35. Set the ignition to off and remove the key from the docking station.
 36. Lock the vehicle.
 37. Wait for approximately 3 minutes until the vehicle has fully shut down.
 38. Unlock the vehicle.

Warranty Data

Description	Labour Time
Update the Vanquish ICU, ARM and Parrot™ Software for Vehicles with Amplifiers that have latest level software.	0.4 hours.

Please Note:

When you have completed this Service Action, make sure that you make an entry in Section A of the Vehicle Owner's Guide to show that the procedure is completed.

If you have any questions related to this Service Action, please contact: Aston Martin Technical Services on: +44 (0) 1926 644720 or facsimile: +44 (0) 1926 644733.
 E-mail: amtech@astonmartin.com. Or contact your After Sales Manager.

The English version of this Service Action is written in
 Simplified Technical English to ASD-STE100™.

Appendix A – List of Affected VINs

Country	Dealer Name	VIN	Model
Australia	Barbagallo Aston Martin	Vanquish	J00568
Australia	Barbagallo Aston Martin	Vanquish	J00602
Australia	Sunshine Aston Martin	Vanquish	J00606
Australia	Sunshine Aston Martin	Vanquish	J00622
Australia	Sunshine Aston Martin	Vanquish	J00625
Australia	Sunshine Aston Martin	Vanquish	J00707
Australia	Trivett Classic Melbourne	Vanquish	J00711
Australia	Trivett Classic Sydney	Vanquish	J00640
Australia	Trivett Classic Sydney	Vanquish	J00715
Belgium	Aston Martin Antwerp	Vanquish	J00673
Belgium	Aston Martin Brussels	Vanquish	J00646
Belgium	Aston Martin Brussels	Vanquish	J00727
Canada	Aston Martin Toronto	Vanquish	J00611
Canada	Aston Martin Vancouver	Vanquish	J00587
Canada	Decarie Motors	Vanquish	J00718
China	Aston Martin Beijing	Vanquish	J00668
China	Aston Martin Beijing	Vanquish	J00754
China	Aston Martin Guangzhou	Vanquish	J00748
China	Aston Martin Kunming	Vanquish	J00709
China	Aston Martin Shanghai	Vanquish	J00631
China	Aston Martin Shanghai	Vanquish	J00665
China	Aston Martin Shanghai	Vanquish	J00751
China	Aston Martin Shenyang	Vanquish	J00627
China	Aston Martin Shenyang	Vanquish	J00657
China	Aston Martin Shenzhen	Vanquish	J00656
China	Aston Martin Shenzhen	Vanquish	J00658
China	Aston Martin Shenzhen	Vanquish	J00732
China	Aston Martin Wuhan	Vanquish	J00719
China	Aston Martin Xi'an	Vanquish	J00734
Dubai	Regional Steps Trading LLC	Vanquish	J00684
Dubai	Regional Steps Trading LLC	Vanquish	J00749
France	Auto Performance Bordeaux	Vanquish	J00736
France	Auto Performance Paris	Vanquish	J00588
France	Auto Performance Paris	Vanquish	J00735
France	British Motors SAM	Vanquish	J00569
Germany	Aston Martin Dusseldorf	Vanquish	J00609
Germany	Aston Martin Munich	Vanquish	J00566
Germany	Aston Martin Munich	Vanquish	J00612
Germany	Aston Martin Munich	Vanquish	J00615

Germany	Aston Martin Munich	Vanquish	J00737
Germany	Sixt Germany	Vanquish	J00739
Germany	Sixt Germany	Vanquish	J00740
Germany	Sixt Germany	Vanquish	J00741
Germany	Sixt Germany	Vanquish	J00742
Germany	Sixt Germany	Vanquish	J00746
Hong Kong	Aston Martin Hong Kong	Vanquish	J00666
Japan	Aston Martin Akasaka	Vanquish	J00712
Japan	Aston Martin Osaka Hakko	Vanquish	J00628
Japan	Atlantic Cars Limited	Vanquish	J00636
Japan	Atlantic Cars Limited	Vanquish	J00710
Japan	Atlantic Cars Limited	Vanquish	J00752
Kuwait	Premier International Motors Group	Vanquish	J00662
Kuwait	Premier International Motors Group	Vanquish	J00664
Kuwait	Premier International Motors Group	Vanquish	J00682
Luxembourg	Aston Martin Luxembourg	Vanquish	J00586
Netherlands	Cito Motors	Vanquish	J00680
Netherlands	Cito Motors	Vanquish	J00753
New Zealand	Independent Prestige	Vanquish	J00594
Poland	Aston Martin Warszawa	Vanquish	J00585
Poland	Aston Martin Warszawa	Vanquish	J00730
Portugal	Aston Martin Porto	Vanquish	J00589
Qatar	Horizon Automobiles	Vanquish	J00623
Qatar	Horizon Automobiles	Vanquish	J00720
Russia	Aston Martin Moscow	Vanquish	J00725
Singapore	Aston Martin Singapore	Vanquish	J00633
Singapore	Aston Martin Singapore	Vanquish	J00645
South Africa	Aston Martin Sandton	Vanquish	J00592
South Africa	Aston Martin Sandton	Vanquish	J00608
South Africa	Aston Martin Sandton	Vanquish	J00685
Sweden	Aston Martin Stockholm	Vanquish	J00601
Switzerland	Aston Martin Geneva	Vanquish	J00591
Switzerland	Aston Martin St Gallen	Vanquish	J00584
Switzerland	Aston Martin St Gallen	Vanquish	J00614
Switzerland	Emil Frey Safenwil	Vanquish	J00597
Switzerland	Emil Frey Zurich	Vanquish	J00679
Taiwan	Aston Martin Taipei	Vanquish	J00567
Taiwan	Aston Martin Taipei	Vanquish	J00610
Taiwan	Aston Martin Taipei	Vanquish	J00626
Taiwan	Aston Martin Taipei	Vanquish	J00663
Taiwan	Aston Martin Taipei	Vanquish	J00700

UK	Broughtons	Vanquish	J00590
UK	Broughtons	Vanquish	J00600
UK	Broughtons	Vanquish	J00667
UK	Broughtons	Vanquish	J00681
UK	Broughtons	Vanquish	J00697
UK	Charles Hurst	Vanquish	J00643
UK	Grange Exeter	Vanquish	J00688
UK	Grange Welwyn	Vanquish	J00674
UK	Grange Welwyn	Vanquish	J00691
UK	Harwoods	Vanquish	J00686
UK	HWM	Vanquish	J00607
UK	HWM	Vanquish	J00634
UK	HWM	Vanquish	J00638
UK	HWM	Vanquish	J00676
UK	HWM	Vanquish	J00689
UK	JCT 600	Vanquish	J00618
UK	JCT 600	Vanquish	J00695
UK	Lancaster Reading	Vanquish	J00629
UK	Murray Motor Company	Vanquish	J00671
UK	Murray Motor Company	Vanquish	J00675
UK	Stratstone Mayfair	Vanquish	J00672
UK	Stratstone Mayfair	Vanquish	J00722
UK	Stratstone Tyne and Wear	Vanquish	J00632
UK	Stratstone Tyne and Wear	Vanquish	J00660
UK	Stratstone Wilmslow	Vanquish	J00616
UK	Stratstone Wilmslow	Vanquish	J00630
USA	Aston Martin Atlanta	Vanquish	J00637
USA	Aston Martin Atlanta	Vanquish	J00650
USA	Aston Martin Austin	Vanquish	J00574
USA	Aston Martin Austin	Vanquish	J00703
USA	Aston Martin Beverly Hills	Vanquish	J00570
USA	Aston Martin Beverly Hills	Vanquish	J00583
USA	Aston Martin Beverly Hills	Vanquish	J00649
USA	Aston Martin Beverly Hills	Vanquish	J00652
USA	Aston Martin Beverly Hills	Vanquish	J00653
USA	Aston Martin Beverly Hills	Vanquish	J00738
USA	Aston Martin Charlotte	Vanquish	J00744
USA	Aston Martin Cleveland	Vanquish	J00579
USA	Aston Martin Dallas	Vanquish	J00576
USA	Aston Martin Dallas	Vanquish	J00613
USA	Aston Martin Dallas	Vanquish	J00639

USA	Aston Martin Dallas	Vanquish	J00644
USA	Aston Martin Fort Lauderdale	Vanquish	J00743
USA	Aston Martin Las Vegas	Vanquish	J00593
USA	Aston Martin Long Island	Vanquish	J00655
USA	Aston Martin Marin	Vanquish	J00733
USA	Aston Martin Naples	Vanquish	J00605
USA	Aston Martin Naples	Vanquish	J00619
USA	Aston Martin Naples	Vanquish	J00699
USA	Aston Martin Newport Beach	Vanquish	J00582
USA	Aston Martin Newport Beach	Vanquish	J00648
USA	Aston Martin Newport Beach	Vanquish	J00654
USA	Aston Martin Newport Beach	Vanquish	J00683
USA	Aston Martin of Tampa	Vanquish	J00647
USA	Aston Martin of Tampa	Vanquish	J00726
USA	Aston Martin Palm Beach	Vanquish	J00573
USA	Aston Martin Palm Beach	Vanquish	J00659
USA	Aston Martin St Louis	Vanquish	J00580
USA	Aston Martin St Louis	Vanquish	J00581
USA	Aston Martin St Louis	Vanquish	J00651
USA	Aston Martin St Louis	Vanquish	J00677
USA	Aston Martin St Louis	Vanquish	J00731
USA	Aston Martin Troy	Vanquish	J00617
USA	Aston Martin Troy	Vanquish	J00624
USA	Aston Martin Troy	Vanquish	J00635
USA	Aston Martin Troy	Vanquish	J00661
USA	Aston Martin Washington DC	Vanquish	J00728
USA	Desert European	Vanquish	J00723
USA	F C Kerbeck	Vanquish	J00572
USA	F C Kerbeck	Vanquish	J00575
USA	F C Kerbeck	Vanquish	J00577
USA	F C Kerbeck	Vanquish	J00578
USA	F C Kerbeck	Vanquish	J00745
USA	Internal/Direct Sales NA	Vanquish	J00724
USA	Midwestern Auto	Vanquish	J00747
USA	Miller Motorcars Connecticut	Vanquish	J00620
USA	Star Motor Cars	Vanquish	J00641
USA	Star Motor Cars	Vanquish	J00716
USA	The Collection	Vanquish	J00571