

SERVICE POLICY LETTER

Reference number:	SPL-18-1021	Issued: 05 January, 2018
Subject:	Dealer Tool Investment for 2018	
Applicable to:	All Dealers	
Distribute to:	After Sales Manager Executive Manager Service Manager Sales Manager	Warranty Staff Technician(s) Parts Staff

Dear Colleagues,

We would like to inform you of two important Special Service Tool releases in 2018. From the launch of DB11, new design features and technology have introduced many changes to the wiring harnesses of Aston Martin vehicles. Because of this, we have developed a new harness repair kit that can be used to repair electrical connectors and harnesses on new models that are based on the same technology as DB11.

The new kit will simplify the task of complex repairs and allow Technicians to make repairs more efficiently. It will:

- Make it easier to repair wiring harnesses.
- Reduce the risk of damage to trim, and of noise or vibration problems.
- Reduce the time that Customers' vehicles are in your workshops.

The components of the kit may be replaced individually, but the smaller items may only be available as packs. We can also add other new components to the kit at a later date so that a new kit is not necessary.

We have tried very hard to keep the cost of the kit as low as possible. Mandatory Dealer tools, for example: heat guns and soldering irons, have not been included in the kit. These are tools that your workshops will already have.

Contents of the new harness repair kit

There are four cases in the kit and a quantity of other items that are shown in the figures that follow:

Case 1 and 2 - Tools and consumables

There are two cases that contain tools and consumables. (refer to Figure 1 and Figure 2).



Figure 1



Figure 2

Case 3 - Connector Housings

Case 3 contains components to repair connector housings (refer to Figure 3).



Figure 3

Case 4 and 5 - Fly Leads

You will receive two identical cases of fly-leads (refer to Figure 4).



Figure 4

Boxes of terminals and Sleeves

A quantity of boxes that contain the applicable replacement terminals and sleeves are included (refer to Figure 5).



Figure 5

Pin extractor tools

The harness repair kit will also contain a very specific set of high-quality extraction tools for terminal pins. These tools have been specially selected to make sure that they are fully compatible with every pin used in Aston Martin wiring harnesses (refer to Figure 6).



Figure 6

Part Data

Description	Part Number	Quantity
Harness Repair Kit	43-28549	1

The cost for the Harness Repair Kit is as follows:

- GBP £3,495
- EUR €3,950
- USD \$4,690
- JPY ¥528,000

The Harness Repair Kit will be sent to you from Parts Operations and invoiced to your parts account in the usual way.

Note: Deliveries of the Harness Repair Kit will begin in April 2018.

Special Tools

For 2018 there are thirty eight new special tools available for the new generation of Aston Martin Vehicles. These new special tools are required for the service and repair of the applicable vehicles below:

- DB11 V8 Coupe
- DB11 Volante
- Vantage 19MY

Part Data

Tool Name	Description	Part Number
V8 Engine - Front Lifting Eye	Daimler V8 lifting point frame.	43-28488
V8 Engine – Crankshaft Holding	Daimler V8 crankshaft holding device.	43-28489
Folding Roof Support	Support for convertible roof.	43-28490
Pressure Test Cap	Pressure tester adaptor for LTD coolant.	43-28491
Schrader Valve Bleed	Extension bleed point.	43-28492
Tonneau Cover Service Support	Support for the tonneau cover hinges.	43-28493
Vehicle Covers	Vehicle covers for Vantage 19MY.	TBC
Box Wrench Bit	For assembly and disassembly of the union nut of fuel high-pressure line on fuel rail.	43-28497
Threaded Bolt	M6 Threaded pin, 100 mm long for impact extractor.	43-28500
Caulking Bolt	M8 Caulking screw for self-locking square nuts on exhaust manifold.	43-28501
Impact Extractor	Impact extractor for slide and slide rail bolts (basic unit).	43-28503
Pressure Hose	Pressure hose with elbow fitting 7/16-20 UNF and union nut M12x1.5 mm for left side gasoline fuel injection system.	43-28504
Stop Plug	Plug for the injector shaft bore.	43-28507
Insertion Tool	Insertion tool for installing rear crankshaft radial shaft sealing ring, with a crankshaft diameter of 96 mm.	43-28508
Box Wrench	Box wrench for turning the engine at the center bolt of the crankshaft or on vibration damper.	43-28510
Feeding Tool	For mounting the front radial shaft seal.	43-28511
Retaining Lock	Retaining lock for counter holding the crank assembly.	43-28512
Valve Assembly Tools Kit	Assembly tool for valve springs in a plastic case. Note: For engines with tappet holes in the cylinder head, assembly of the valve locks is performed automatically by the assembly cartridges.	43-28514
Socket Wrench Bit	Torx T100 socket with drilled hole for release and installation of the control valve of the camshaft positioner.	43-28515
Drift	To mark-off the crankshaft at a 40° crank angle.	43-28516
Socket Wrench Bit	Socket to rotate the camshafts.	43-28517
Measuring Tool	Measurement tool for adjustment of the crankshaft angle marked on the vibration damper.	43-28518
Holding Device	To fix in place and counter hold the camshafts.	43-28519
Hold-Down Tool	Hold-down tool for the camshaft to adjust the timing.	43-28520
Holding Device	Hold-down device to secure the camshaft for engines.	43-28521
Socket Wrench Bit	Socket to turn the camshaft.	43-28522
Depressor	Valve spring retainer depressor.	43-28524

Tool Name	Description	Part Number
Drift	Drift to press valve stem seal onto valve guide.	43-28526
Pliers	Pliers to remove valve stem seal.	43-28527
Template	Template to align the turbocharger.	43-28533
Assembly Tool	To pull on and calibrate the sealing ring on the injectors.	43-28534
Puller	To remove individual injectors.	43-28535
Drift	For indentation of the sealing package for the rail.	43-28536
Parallel Gauge	Parallel gauge 400 x 40 x 20 mm to align both turbochargers on the engine.	43-28537
Assembly Tool	Assembly tool to fix the oil lines for assembly of the turbocharger.	43-28538
Counter holder	To counter hold the belt pulley during assembly and disassembly.	43-28542
Remote Thermometer	Remote thermometer 0 up to 150 °C to measure the engine oil temperature. Test equipment category CAT_B.	43-28545
Adapter	To measure the oil pressure.	43-28546

The cost for the Special Tools is as follows:

- GBP £7,000
- EUR €7,900
- USD \$9,450
- JPY ¥1,100,000

You will receive the special tools from Parts Operations as mandatory supply.

Note: Deliveries of the Special Tools will begin in April 2018 in line with Vantage Initial Stock Orders (ISO) deliveries. A bulletin for Vantage ISO for parts and accessories will be issued later in January.

If you have any questions about this Policy Letter, please speak to Client Services - Technical on Tel: +44 (0) 1926 644720.

Thank you for your continued support.

Yours faithfully



Phil Eaglesfield
Director, Client Services.