




Extra Service/Repair/Upgrade :

This is separate and additional to the scheduled normal servicing – records of this are also kept.

Date	Miles	Notes	
April 2015	39330	Remove all 4 wheels, check tyres and brakes. Regrease wheel mounting and fit new wheel centre caps.	
July 2015	39504	Front anti-roll bar drop-links. Rubber dry, split and perished. New bushes and new AM cup washers fitted. All related parts waxoyled.	
August 2015	39556	<p>Slight knock from RH front end. Removed shock absorbers and checked operation and bushes. Function of SA appeared fine, and all bushes in good condition apart from rusted cup washers at top. Fitted new top mounting kits as known weakness. Body mounting plate front top mounts showing early signs of surface rust as expected so cleaned and Waxoyled. All components inspected, surface rust removed and thoroughly Waxoyled. New high tensile bolts and nuts for bottom mount.</p>	



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May/June 2016	40524	<p>Taken to Paint FX in Kettering for full respray.</p> <p>This was decided upon due to several small but annoying blemishes and a poor finish on the nose cone following a pre-purchase stone chip removal respray. There was also slight bubbling around the front and rear screens. The owner of Paint FX, Tim, was happy for me to work alongside his team.</p> <p>The car was fully stripped including removal of front and rear sections, side skirts, lights, handles, both front and rear screens.</p> <p>Once stripped down, the state of the bodywork could be assessed.</p>
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Having been warned about rust on these cars I was very pleased to find that there was no evidence of rust at all other than minor surface blemishes on some edges.



(Sill shots showing zero rust – pre Waxoyl).

The bubbling in two places around the screens turned out to be caused by previous glass replacement and not more serious rot. The bubbling was purely a surface blemish (Note – I was present for glass refit and great care was taken to ensure no repeat).

The tray below the valance in front of the windscreen was totally rust free. The respray involved extra thick lacquer and subsequent flatting and polishing to achieve the desired finish.


When reassembling the car it was decided for longevity to use copious amounts of Waxoyl on “under” surfaces rather than aim for a concours paint finish.



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Note: See signed declaration from Tim Pugh (owner Paint FX) that the respray was for upgrade/improvement and not due to any damage repair.

May 2016	40524	<p>Front bonnet vent install – alongside respray.</p> <p>Jaguar bonnet vents were installed to improve heat dissipation and as an aesthetic choice. The vents were enhanced and strengthened using aluminium mesh.</p> <p>A mirror image card template was made to ensure accurate and symmetrical vent placement.</p>
May 2016	40524	<p>Rear boot lip spoiler – alongside respray.</p> <p>The upswept tail of the DB7 GT/GTA appealed, but cost and my desire for individuality lead me to design and make a removable lip spoiler. I made this from a Mercedes CLK unit, which had to be cut, bent, reset and reshaped to fit</p>  <p>the DB7.</p> <p><i>(Shows jig to reshape and twist pre-cut spoiler. New GRP core to hold shape).</i></p> <p>The spoiler is attached using high quality tape and so can be removed if desired.</p>
May 2016	40524	<p>The dipped main beam lights were converted to HID.</p> <p>All other exterior lights were replaced with LED lamps.</p>
May 2016	40124	<p>Rear subwoofer upgrade begun with aperture cut into rear deck and grille fitted.</p>
June 2016	40124	<p>Receiver drier renew (as easy access due to nose cone removal) and full A/C service.</p>



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July 2016	40124	Traffic camera install. See additional wiring diagram Add 5.0
July 2016	40124	Resistor and heat sink pack to allow correct use of LED in brake lights. See additional wiring diagram Add 1.0 DRL modification with updated wiring.
August 2016	40724	Engine misfire. OBD2 scan reveals misfire detected and cylinder 1 coil pack probably defective. Coil pack issues are well documented for DB7 V12 cars and the mileage was in line with expected failures. A full set of 12 coil packs was ordered from Aston Martin (£960) along with a set of 12 new platinum NGK spark plugs.
September 2016	40801	Intermittent poor starting much worse with solenoid relay not engaging. Investigation revealed loose and electrically corroded nut on solenoid contact. New nut attached and all contacts tightened. Access tight.
April 2017	41022	Touchtronic Retrofit. BMW E46 shifter mechanism (OEM is also BMW, but much older model, so E46 variant is an update/upgrade). Genuine Touchtronic steering wheel fitted – simple plug and play. Genuine Touchtronic instrument binnacle fitted. This was assembled from a combination of parts from the original unit and the Touchtronic unit to ensure correct odometer reading is shown. Audi TT selector surround fitted with associated DIY trimming. There





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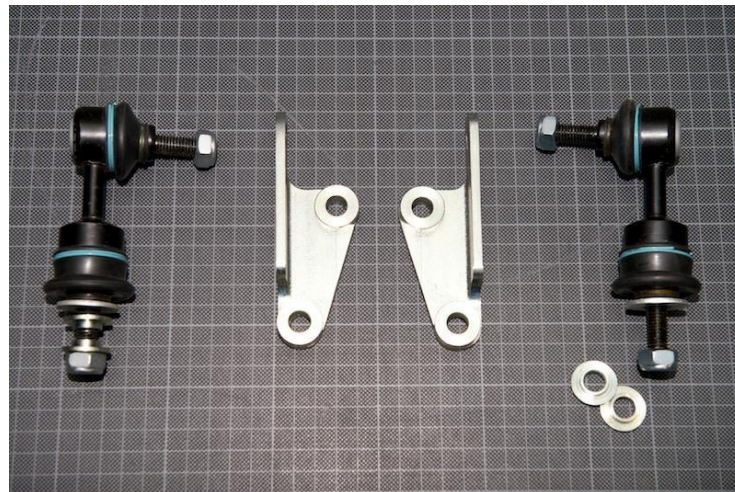
		were some wiring changes which have been added to my printed workshop manual.
JanuaryFebruary 2018	42033	Suspension overhaul (Part 1) There were no issues at MOT, but the suspension all looked original, so 16 years old. I decided to start to renew parts to tighten up the ride/handling. Rear: Changed rear radius arms and bushes.



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Front: Shock absorbers (inc new bushes) rebuilt by Bilstein in Leicester.
New top and bottom ball joints (Lemforder OEM spec).
New upper wishbone bushes.
New roll bar mounting bushes.



Upgraded roll bar drop links fitted.

March 2018	42045	Following suspension overhaul had full front/rear tracking carried out (ATS).
May/June 2018	43008	After booking a precautionary auto gearbox fluid and filter change water was found in the gearbox oil. This was due to a small leak in the main radiator heat exchanger with big consequences. 1. New Radiator required.



(Please note, that I forgot to photograph the new rad before installing it so this isn't the actual unit – but is identical)




The new AML radiator features the updated/upgraded all aluminium design and a full system flush was carried out prior to fitting. 50/50 OAT and softened water used to refill.

While the radiator was removed the following were replaced as access now easy: 3 x idler pulley wheel bearings, crankshaft oil seal & serpentine drive belt (the old belt from 2002 showed no major wear, but as 16 years old decided to swap it)

October 2018	43267	<p>2. Gearbox rebuild required.</p> <p>Having researched a full rebuild I have also been in contact with Richard Furse of Gearbox Developments who has an impressive track record in fitting more modern auto gearboxes in Astons – and is the person behind the auto version of the very special Callum Vanquish 25.</p> <p>Agreed to use my car to develop the world's first DB7 6 speed auto.</p> <p>Car collected in Feb 2019.</p> <p>V1 presented at DB7 25th Anniversary event Sep 2019.</p> <p>Car returned for V2 development.</p> <p>After Covid and other supply delays V2 delivered in April 2021 ready for final road testing and calibration.</p>
May 2021	44021	<p>Starter Motor. The dreaded "click" reared its head and the usual contact tightening didn't deliver the reliable results required. After researching buying a new replacement discovered reported quality issues so had the original rebuilt by a specialist.</p>



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June 2021	44254		Steering wheel paddle shift. The push buttons are just not nice to use so I set about grafting paddle shifters onto the DB7 steering wheel.
July 2021	44401		Following some intermittent OBD error codes and the well documented issues with the complex engine breather system I decided to invest in a complete new assembly (a lot of money for mostly rubber pipe!). Also replaced air filters with permanent oiled units from Four Ashes Garage.
July 2021	44589		The primitive gear display in the DB7 instrument cluster was not compatible with the new transmission control module. The original display shows "A" unless in manual mode when it shows "12345". The new display shows "PRN123456" as well as an extra LED to show when "sport mode" is engaged.

