



Enthusiast Auto Group
11608 Reading Road
Cincinnati, OH 45241
(513) 554-1269
enthusiastauto.com

Estimate #35509

Created: 05/07/2026
Payment Term: On Receipt
Service Writer: Brad Lohr

2001 BMW M3 Base (Blue)

VIN: WBSBL93481JR11538

Mileage: 25,610 mi

EAG Comprehensive Inspection

All Services Will Be Performed By EAG And Are Included With The Sale Of This Vehicle Allowing A Turn Key Ownership Experience
Full Vehicle Scan Results:

Description	Subtotal
1 Vehicle Inspection	\$0.00
Total: \$0.00	

S54 Vanos Inspection and Valve Adjustment

-Remove valve cover and inspect vanos exhaust hub to check for broken tabs
-Document vanos hub condition with pictures, upload to dropbox
-Perform valve adjustment and record findings on valve adjust sheet
-Replace valve cover gasket and clean all oil residue from surrounding area

Description	Subtotal
1 Mechanical Labor	\$750.00
2 Valve cover gasket	\$122.11
3 Copper ring	\$3.60
4 Spark Plug Tube Seal	\$251.94
5 Valve Cover Bolt Grommet	\$44.33
6 Valve Cover Bolt Grommet	\$3.34
<i>This is included with Elring valve cover gaskets set for S54</i>	

Shop Supplies (15%): \$25.00 Tax (7.8%): \$1.95 Total: \$1,202.27

Paint Interior Trim Pieces

Description	Price	Subtotal
1 Sublet to EAB interior trim pieces	\$1,781.07	\$1,781.07
		Total: \$1,781.07

Replace Spark Plugs + Coil Pack Swap [CRITICAL]

DME stored faults for misfire cylinders 1, 2, 3 per Evan's tech notes. Check spark plugs + swap coil packs to verify cyl 1/2/3 specific vs general coil failure.

PROCEDURE:

- ISTA-D scan, document active + stored DTCs
- Remove engine cover, intake plenum partial R&I
- Remove all 6 coil packs
- Remove 6 spark plugs
- Inspect plug condition (carbon, oil fouling, gap)
- Install new plugs torqued to 23 Nm
- Replace Ignition Coils
- Clear DTCs, road test, monitor



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Replace Spark Plugs + Coil Pack Swap [CRITICAL]				
Description	Price	QTY	HRS	Subtotal
1 Mechanical Labor			1.5	\$337.50
2 Spark plug NGK DCPR8EKP (OEM S54 spec) Part #: 12120022902 PL24 verified 2026-05-20. Evan noted BKR7EQUP race spec — bench can swap if Carla wants race	\$29.06	6		\$174.36
3 Ignition coil (Delphi — supersedes old 12 13 7 594 937) Part #: 12138616153 PL24 verified — supersession active	\$100.05	6		\$600.30
				Total: \$1,112.16

ABS Pressure Sensor R&R [CRITICAL]				
ABS fault for Pressure Sensor. Replace both sensors as preventive (pair on E46 M3).				
PROCEDURE: - Lift, support - Access ABS hydraulic unit (under hood, drivers side) - Disconnect electrical from both pressure sensors - Remove both sensors (some brake fluid leakage) - Install new sensors with new O-rings - Bleed brakes/flush brake system at affected calipers - ISTA: clear ABS fault, test				
Description	Price	QTY	HRS	Subtotal
1 ABS Pressure Sensor R&R (pair) + Bleed + ISTA Clear			2.5	\$562.50
2 ABS pressure sensor Part #: 34 52 1164458 PL24 verify at receiving	\$272.62	2		\$545.24
3 BMW Brake Fluid Part #: BRAKEFLUID BMW DOT-4 Fluid	\$24.29	2		\$48.58
				Total: \$1,156.32

Engine Drive Belt Set R&R [CRITICAL]				
Inspector noted A/C belt cracked. Replace both engine belts (A/C + main serpentine/alternator)				
Description	Price	QTY	HRS	Subtotal
1 Engine Drive Belt Set R&R (S54)			1.5	\$337.50
2 Belt - Main	\$60.56	1		\$60.56
3 Belt - A/C	\$64.25	1		\$64.25
				Total: \$462.31

Battery Replacement + Tray and hardware [CRITICAL]				
Remove old battery and replace with new Interstate battery, properly sized for your vehicle. All batteries include a manufacturer				



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Battery Replacement + Tray and hardware [CRITICAL]

warranty based on the model information.

Evan tech notes: 'Battery is Optima Yellow 620 CCA - Failed Midtronics test. Aftermarket battery hold down and tray installed. Install new battery with correct hold down. Cover trim has hole drilled in it - replace. Both 1/4 turn fasteners missing (for cover).'

PROCEDURE:

- Remove Optima Yellow + aftermarket hold-down + aftermarket tray
- Install Interstate AGM 90Ah-equivalent + OEM hold-down + OEM tray
- Install new trunk cover trim (drilled hole on current – replace whole panel)
- Install (2) 1/4 turn fasteners for cover
- Connect terminals (positive first, then negative; torque 6 Nm)
- Verify charge cycle

Description	Price	QTY	HRS	Subtotal
1 Installation & testing			1	\$225.00
2 Interstate AGM 90Ah equivalent Part #: INTERSTATE-AGM-90AH Rule 30 – pre-IBS, no coding	\$300.00	1		\$300.00
3 OEM battery hold-down Part #: 61218370984 PL24 verify	\$86.73	1		\$86.73
4 Combo nut - for tray	\$1.92	5		\$9.60
5 OEM battery tray (replaces aftermarket) Part #: 51 71 8237364 PL24 verify	\$90.99	1		\$90.99
6 1/4 turn fasteners for trunk cover Part #: 51 47 8248015 PL24 verify	\$1.50	5		\$7.50
7 Battery cover - NLA from BMW - Ordered EBay	\$58.79	1		\$58.79
8 Hex bolt with washer	\$2.41	1		\$2.41
				Total: \$781.02

S54 OFHG + Oil Cooler Line O-Rings R&R [CRITICAL]

Engine leak repair – oil filter housing gasket + oil cooler line O-rings. Inspector Pg 13 #109 flagged 'oil leak at oil filter housing, valve cover gasket(which was repaired with vanos inspection), and possible vanos/timing chain tensioner leaking. Clean up after filter housing seal repaired and recheck.

Procedure:

- Replace OFHG (oil filter housing gasket)
- Replace oil cooler line O-rings at cooler
- Clean up area of repairs and recheck for leaking

Description	Price	QTY	HRS	Subtotal
1 S54 VCG + OFHG + Oil Cooler O-rings Combined R&R			3	\$675.00
2 Oil filter housing gasket Part #: 11 42 1719855 PL24 verify	\$9.66	1		\$9.66



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S54 OFHG + Oil Cooler Line O-Rings R&R [CRITICAL]

3 Oil cooler line O-rings @ cooler Part #: 17 22 2245358 PL24 verify	\$3.64	4	\$14.56
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Total: \$699.22

EAG S54 Oil Service[Critical]

Synthetic Oil Service.

⚠ Evan also flagged drain plug is aftermarket, replace in conjunction with service.

**Please note if the rod bearing service option is done this line will be deleted as the that service includes oil and filter change.

Description	Price	QTY	Subtotal
1 - Oil and filter changed on vehicle			\$62.50
2 Engine Oil			\$107.12
3 Oil Filter			\$27.02
4 Oil pan drain plug M12x1.5 (replace aftermarket) Part #: 07119904550 PL24 verified	\$6.88	1	\$6.88

Total: \$203.52

Retorque Transmission Case Bolts and Fluid Service [Recommended]

-Retorque Transmission Case Bolts
-Drain transmission fluid
-Refill with new transmission fluid
-Clean up case and drain area.

Description	Price	QTY	HRS	Subtotal
1 Transmission Service			1.5	\$337.50
2 Manual transmission fluid	\$50.52	2		\$101.04

Total: \$438.54

Rear Differential Reseal and Fluid Change and then recheck for noise [Recommended]

Rear differential service whine noise diagnose. Diagnosis of this noise would be to reseal, refill fluid, and then test. However if a differential is making a whine noise and has leaks as this vehicle does this typically indicates that the car has been driven with low fluid and caused internal issues to differential. There are 2 options to handle this. Option 1. Repair all leaks and then go through testing to determine if it was a low fluid situation causing the noise. Option 2. Replace the rear differential.

PROCEDURE:

- Lift, support
- Drain rear diff fluid
- Remove diff cover (gasket replace)
- Replace pinion seal
- Replace L+R axle flange seals
- Refill with BMW Sport diff fluid + new crush washers
- Reinstall diff cover with new gasket
- Drive rear wheels with stethoscope; verify whine source (gear vs pinion vs carrier bearing)



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Rear Differential Reseal and Fluid Change and then recheck for noise [Recommended]				
- Test drive verify no leaks				
Description	Price	QTY	HRS	Subtotal
1 Rear Diff Service Combined R&R + Whine Diag			9	\$2,025.00
2 BMW rear differential fluid Part #: 83 22 2365988	\$71.97	2		\$143.94
3 Pinion seal Part #: 33 12 1213949	\$70.61	1		\$70.61
4 Axle flange seal Part #: 33 10 7510289	\$38.69	2		\$77.38
5 Diff cover gasket Part #: 33 10 8305033	\$9.40	1		\$9.40
6 Diff drain/fill plugs Part #: 33 11 7525064	\$11.65	2		\$23.30
7 O-ring	\$8.50	2		\$17.00
				Total: \$2,366.63

Carbon Kidney Grilles, Hood + fender louvers back to OE [Advised]				
Inspector Pg 2 #2 'Replace Carbon Grilles, vent' and #6 'Replace Carbon Grills.' Replace 3 carbon pieces with OEM.				
Description	Price	QTY	HRS	Subtotal
1 Carbon Grilles Removal + OEM Install (3 pieces)			1.5	\$337.50
2 Hood grille center vent Part #: 51132694723 PL24 verified	\$43.37	1		\$43.37
3 Fender louver grille LEFT Part #: 51132694607 PL24 verified	\$109.24	1		\$109.24
4 Fender louver grille RIGHT Part #: 51132694608 PL24 verified	\$109.24	1		\$109.24
5 Left Grille	\$95.74	1		\$95.74
6 Right Grille	\$95.74	1		\$95.74
				Total: \$790.83

Headliner Recovering[Advised]			
Right side has what appears to be glue all along the right side, sagging in multiple places.			
Description	Price	HRS	Subtotal
1 Mechanical labor		2.5	\$562.50
2 Sublet to recover / replace	\$2,500.00		\$2,500.00
			Total: \$3,062.50



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Tail Lights + Mirror Base Trim Covers + Driver OEM Door Lock w/ Keyhole [Advised]

COMBINED restoration to OEM exterior items.

LCI tail lights (Pg 18 #170): 'Aftermarket LED housings installed, lenses burnt. Replace w/ original housings.'

Mirror base trim covers (Evan tech notes): 'Rearview mirror base trim pieces broken (clamshells) - replace both.'

Driver door lock (Pg 10 #77): 'Drivers outside door lock does not have keyhole - OEM is in trunk.' OEM lock IS in the trunk per inspector — just install it.

Description	Price	QTY	HRS	Subtotal
1 LCI Tail Lights + Mirror Covers + Door Lock Combined			4	\$900.00
2 Tail light housing LEFT (OEM) - Coming from Germany 2-3 weeks Part #: 63218364725 PL24 verified	\$237.18	1		\$237.18
3 Tail light housing RIGHT (OEM) Part #: 63218364726 PL24 verified	\$237.18	1		\$237.18
4 Rearview mirror base trim covers pair (clamshells) Part #: 51 16 8257203	\$11.06	1		\$11.06

Total: \$1,385.42

Decontamination Wash

- Precision cleaning of wheels and tires, including faces, barrels, calipers, and sidewalls, using select solutions.
- Thorough wheel-well and liner cleaning to remove stubborn dirt and grime.
- Detailed engine bay cleaning to eliminate dirt, grease, and grime, followed by protective dressing for a polished look.
- High-pressure undercarriage wash to clear debris and prevent corrosion.
- Touchless pre-wash with alkaline soaps to safely lift loose contaminants without scratching.
- Meticulous handwash using pH-neutral soaps on paint, glass, trim, jambs, seals, and sills for a deep clean.
- Chemical iron removal to eliminate embedded brake dust and rail dust from paint and glass.
- Targeted bug and tar removal to address stubborn contaminants.
- Compound, polish, and wax removal to restore surface clarity.
- Clay decontamination on paint and glass to remove embedded particulates for a smooth, contaminant free finish.
- Safe drying with blowers, microfiber towels, and drying aids for a streak-free result.

Elevate your vehicle's appearance with our Decontamination Wash, a comprehensive service designed to deeply cleanse and rejuvenate your car's surfaces. Perfect for drivers battling road grime, industrial fallout, or environmental contaminants from variable weather. This decontamination wash removes embedded iron, bugs, tar, and particulates while preserving your paint and finishes. Decontamination Wash is intended as a necessary preparation for paint corrections and coatings.

Drew approved canned conditioning per Rule 32 (Consignment scope). Subcontract to Conditioning Department.



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Decontamination Wash		
Description	Price	Subtotal
1 Conditioning Department		\$0.00
		Total: \$0.00

Comprehensive Interior Detail		
Our team's skills and experience give us a unique advantage in properly cleaning and restoring your vehicles interior. Armed with years of experience, we are equipped to carefully navigate the multitude of materials and functions present in all vehicles from classics to modern. Enjoy the exclusive benefits of our experience and knowledge to restore and preserve your car's cozy interior.		
Description	Price	Subtotal
1 Conditioning Department		\$0.00
		Total: \$0.00

Remove Tint and PPF(Headlights and Corners)		
Description		Subtotal
1 Conditioning Labor		\$0.00
		Total: \$0.00

Tires				
Due in 7/10 front and 7/13 rear				
Description	Price	QTY	HRS	Subtotal
1 Mount and balance 4 tires			2	\$250.00
2 Michelin Pilot Sport All Season 4 225/40/R19	\$271.99	2		\$543.98
3 Michelin Pilot Sport All Season 4 255/35/R19	\$278.99	2		\$557.98
Tax (7.8%): \$105.45				Total: \$1,457.41

Additional misc trim for photo prep			
Description	Price	QTY	Subtotal
1 Isofix cover	\$34.61	2	\$69.22
2 Clip	\$4.14	2	\$8.28
3 Cap	\$32.61	2	\$65.22
4 Fog lamp cover - left	\$28.00	1	\$28.00
5 Fog lamp cover - right	\$28.00	1	\$28.00
Tax (7.8%): \$15.50			Total: \$214.22

E46 M3 Intake Suction Hood				
Description	Price	QTY	HRS	Subtotal
1 Mechanical Laobr			0.5	\$112.50



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E46 M3 Intake Suction Hood			
2	Intake Suction Hood	\$282.51	1
		Tax (7.8%): \$30.81	
		Total: \$425.82	

Estimates provided are an approximation of timing and charges to you for the services requested. They are based on the anticipated work to be done. It is possible for unexpected complications to cause some deviation from the original quote. You hereby authorize the repair work described in this estimate to be done along with the procurement of the necessary material(s), including permission to operate the vehicle for on-road testing or inspection. If any additional repairs are required, we will prepare a revised work order providing the cost of additional parts and labor and total revised cost. All parts are new unless specified otherwise. Deposits are non-refundable. No returns or refunds on special ordered items or electrical parts. There is no warranty for used parts or customer supplied parts. You agree that we are not responsible for loss or damage to your vehicle, including loss of articles left in the vehicle, including, without limitation, in case of fire, theft, or any other cause(s) beyond our control.

Totals only include authorized services

This shop charges a 3% credit card processing fee.

Labor	\$7,475.00
Parts	\$5,604.48
Subcontracts	\$4,281.07
Subtotal	\$17,360.55
Shop Supplies	\$25.00
EPA	\$0.00
Tax	\$153.71
Grand Total	\$17,539.26
Paid to Date	(\$0.00)
REMAINING BALANCE	
\$17,539.26	

We are not responsible for any delays caused by unavailability of parts or delays in delivery of parts by the supplier or transporter. You have the right to know before authorizing any additional repairs what those repairs will be and what they will cost. If required repairs exceed the authorized estimated amount, we must obtain your approval to perform the repairs. We will keep you informed and perform only repairs authorized by you.

Signature _____

Appointments

JR11538, Stock wheels/Tires, Trevor	
Thu 7/16/26 12:00 PM – 4:00 PM	Tech: Trevor Bruns
JR11538, Perform R.O., Evan	
Wed 7/22/26	Tech: Evan Smith