

Engine Repair Labor Rates

EJ In Car Services –

Engine Removal & Reinstallation (EJ Turbo)	(6.8) \$1190
Equipped w/ External Wastegate (Additional)	(0.4) \$70
Equipped w/ AOS (Additional)	(0.5) \$87
Equipped w/ Rotated Turbo And/Or FMIC (Additional)	(1.0) \$175
Engine Removal & Reinstallation (Non-Turbo)	(6.2) \$1085
Replace Spark Plug Set of 4	(1.0) \$175
Compression Test (Additional)	(0.4) \$70
Cylinder Leakage Test (Additional)	(0.4) \$70
Smoke Test For Vacuum Leaks	(0.7) \$122
Pre-Dyno Inspection (Compression, Smoke, Fluid Check, Visual Insp)	(2.0) \$350
Cam Timing Inspection	(0.6) \$105
Replace Timing Belt Kit	(3.0) \$525
Replace Water Pump (Additional)	(0.8) \$140
Replace Oil Pump (Additional)	(3.0) \$525
Replace Crankshaft Front Oil Seal Only (Additional)	(0.6) \$105
Camshaft Sprocket Removal & Reinstallation, Each (Additional)	(0.4) \$70
Replace Camshaft Oil Seal, Each (Additional)	(0.2) \$35
Replace Inner Timing Cover RH (Additional)*	(0.2) \$35
Replace Inner Timing Cover LH (Additional)*	(0.3) \$52
*Both Sprockets Must Be Removed On That Side	
Remove Seized Or Rounded Cam Sprocket Bolt, Each (Additional)	(0.5) \$87
Replace Valve Cover Gaskets (Each Side)	(1.5) \$262
Oil Pan Removal & Reinstallation	(3.8) \$665
Oil Pickup Replace (Additional)	(0.2) \$35
Engine Mount Set Removal & Reinstallation	(2.0) \$350
Intake Manifold Removal & Reinstallation	(3.4) \$595
TGV Housing Set Removal & Reinstallation (Additional)	(0.8) \$140
Turbo Inlet Hose Removal & Reinstallation (OEM) (Additional)	(1.0) \$175
Fuel Rails & Injectors Replace (Aftermarket) (Additional)	(1.4) \$245

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Turbo Inlet Hose Replace (Silicone)	(2.0) \$350
Complete Intake Manifold Clean & Service (Additional)*	(2.4) \$420

*Full disassembly, cleaning, reassembly. TGVs, injectors, rails, lines, turbo inlet included

RalliSpec/RCM Fuel Rail, Line, and Regulator Package (In Tank Filter)	\$1250
RalliSpec/RCM Fuel Rai, Line, and Regulator Package (Radium Filter)	\$1450

Top Mount Intercooler Removal & Reinstallation	(0.6) \$105
Aftermarket TMIC Install (Additional)	(0.5) \$87
Throttle Body Removal & Reinstallation Including Clean (Additional)	(0.4) \$70
Replace Blow-Off Valve	(0.4) \$70
Front Mount Intercooler Install	(4.0) \$700
Modify Front Bumper Cover For FMIC (Additional)	(1.2) \$210

Turbocharger Removal & Reinstallation	(3.0) \$525
Rotated Turbo Kit Installation	(4.5) \$832

Cat-Back Exhaust Removal & Reinstallation	(0.5) \$87
Install Aftermarket Cat-Back Single Muffler (Additional)	(0.2) \$35
Install Aftermarket Cat-Back Dual Muffler (Additional)	(0.4) \$70
Downpipe Removal & Reinstallation	(1.0) \$175
Exhaust Manifold Removal & Reinstallation	(2.4) \$420
Replace Up-Pipe (Additional)	(0.8) \$140
External Wastegate Removal & Reinstallation	(0.8) \$140
Replace Broken Turbo or Up-Pipe Stud, Each (Additional)	(0.4) \$70

Radiator Removal & Reinstallation	(0.8) \$140
Replace Radiator (Additional)	(0.3) \$52
Upper Radiator Hose Replace	(0.4) \$70
Lower Radiator Hose Replace	(0.6) \$105
Replace Thermostat	(0.8) \$140

Install Aftermarket Intake System	(0.8) \$140
Install Intake System Air Box (Additional)	(0.5) \$87
Replace Panel Filter	(0.2) \$35
Remove & Reinstall Factory Air Box	(0.5) \$87

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Install Air Oil Separator (IAG AOS)	(2.5) \$437
Replace Front Oxygen Sensor	(0.8) \$140
Replace MAF Sensor	(0.1) \$17
Replace MAP Sensor	(0.2) \$35
Replace Crankshaft or Front Camshaft Sensor	(0.4) \$70
Replace Rear Camshaft Sensor (AVCS)	(0.6) \$105
Replace AVCS Oil Control Valve	(0.5) \$87
Removal & Reinstallation of Fuel Pump MY93-07	(1.2) \$210
Removal & Reinstallation of Fuel Pump MY08+	(1.8) \$315
Replace In-Tank Fuel Filter (Additional)	(0.1) \$17
Install Radium Hanger (Additional)	(1.5) \$262
ECU Wiring Harness Merge (Engine Swap)	(12.0) \$2100
Bulkhead Wiring Harness Removal & Reinstallation	(5.0) \$875
ECU Dyno Tune – Single Fuel Standard Turbo	\$1250
ECU Dyno Tune – Single Fuel Upgraded Turbo	\$1450
ECU Dyno Tune – Flex Fuel Standard Turbo	\$1600
ECU Dyno Tune – Flex Fuel Upgraded Turbo	\$1800
ECU Dyno Tune – Single Fuel Standalone ECU	\$2000
ECU Dyno Tune – Flex Fuel Standalone ECU	\$2200
<small>All dyno tune prices include mandatory pre-dyno inspection.</small>	
Oil Change Package – Motul 8100 w/ OEM Filter	\$115
Oil Change Package – Motul Sport w/ Tokyo Roki Filter	\$135
Oil Change Package – Motul 300V w/ RCM Filter	\$155

EJ Out of Car Services –

Complete Engine Overhaul With New Short Block	(12.0) \$2100
Cylinder Head Gaskets Replacement Only	(8.2) \$1435
Assemble Complete Engine With Basic Long Block	(5.0) \$875
Assemble Complete Engine With Timed & Dressed Long Block	(3.2) \$560

Short Block Pro Build	(6.5) \$1137
Cylinder Head Disassembly & Assembly	(2.6) \$455
Check/Set Valve Lash	(1.0) \$175

Cylinder Head Complete Overhaul Package **\$1400**

Fit Bronze Guides, Performance Valve Job, Mill Deck Surfaces, Fit GSC Stainless Valves, Seals Ultrasonic Clean, Set Valve Lash.

Engine Machining Services (w/ Shop Work Only) –

Torque Plate Bore & Hone, 4 Cyl.	\$700
Resurface Block Deck Surfaces	\$175
Resurface Cylinder Head Deck Surfaces	\$150
Machine Block For Fire Lock Head Gaskets	\$200
Machine Block For 14mm Head Studs	\$275
Machine Heads For Oversized Head Studs	\$150
Machine Block For Oil Squirters	\$350
Fit & Size Valve Guides, Each	\$20
Competition Multi-Angle Valve Job,4 Cyl.	\$525
CNC 5-Axis Cylinder Head Porting Package w/ Valve Job	\$1750
CNC EJ20 Cylinder Head Chamber Matching For 2.5L Block	\$400
Hand Blend Valve Seats (Bowl Blend)	\$500

FA In Car Services –

Engine Removal & Reinstallation (FA Turbo)	(7.0) \$1225
Engine Removal & Reinstallation (FA/FB Non-Turbo)	(6.6) \$1155
Equipped w/ AOS (Additional)	(0.5) \$87
Replace Spark Plug Set of 4	(1.0) \$175
Compression Test (Additional)	(0.4) \$70
Cylinder Leakage Test (Additional)	(0.4) \$70
Smoke Test For Vacuum Leaks	(0.7) \$122
Pre-Dyno Inspection (Compression, Smoke, Fluid Check, Visual Insp)	(2.0) \$350
Timing Chain Cover Removal & Reinstallation	(5.0) \$875
Timing Chain Removal & Reinstallation (Additional)	(1.2) \$210
Replace Camshaft Sprocket, Each (Additional)	(0.2) \$35
Intake Manifold Removal & Reinstallation	(3.2) \$560
Walnut Blast Intake Valves & Ports (Additional)	(2.0) \$350
Replace Valve Cover Gaskets (Each Side)	(1.2) \$210
Cat-Back Exhaust Removal & Reinstallation	(0.5) \$87
Install Aftermarket Cat-Back Single Muffler (Additional)	(0.2) \$35
Install Aftermarket Cat-Back Dual Muffler (Additional)	(0.4) \$70
J-Pipe Removal & Reinstallation	(1.4) \$245
Exhaust Manifold & Turbo Removal & Reinstallation	(2.0) \$350
Replace Turbo or Manifold (Additional)	(1.5) \$262
Replace Broken Turbo or Up-Pipe Stud, Each (Additional)	(0.4) \$70
Top Mount Intercooler Removal & Reinstallation	(0.6) \$105
Aftermarket TMIC Install (Additional)	(0.5) \$87
Charge Pipe Removal & Reinstallation	(0.8) \$140
Replace Blow-Off Valve	(0.6) \$105
Front Mount Intercooler Install	(4.0) \$700
Modify Front Bumper Cover For FMIC (Additional)	(1.2) \$210
Install Air Oil Separator (IAG AOS)	(3.0) \$525

FA In Car Services –

Radiator Removal & Reinstallation	(0.8) \$140
Replace Radiator (Additional)	(0.3) \$52
Upper Radiator Hose Replace	(0.4) \$70
Lower Radiator Hose Replace	(0.6) \$105
Install Aftermarket Intake System	(1.0) \$175
Replace Panel Filter	(0.2) \$35
Replace AVCS Oil Control Valve, Each	(0.4) \$70
ECU Dyno Tune – Single Fuel Standard Turbo	\$1250
ECU Dyno Tune – Single Fuel Upgraded Turbo	\$1450
ECU Dyno Tune – Flex Fuel Standard Turbo	\$1600
ECU Dyno Tune – Flex Fuel Upgraded Turbo	\$1800
ECU Dyno Tune – Single Fuel Standalone ECU	\$2000
ECU Dyno Tune – Flex Fuel Standalone ECU	\$2200
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Oil Change Package – Motul 8100 w/ OEM Filter	\$99
Oil Change Package – Motul Sport w/ Tokyo Roki Filter	\$135
Oil Change Package – Motul 300V w/ RCM Filter	\$155

FA Out of Car Services –

Complete Engine Overhaul With New Short Block	(14.0) \$2450
Cylinder Head Gaskets Replacement Only	(10.0) \$1750
Assemble Complete Engine With Basic Long Block	(7.2) \$1260
Assemble Complete Engine With Timed & Dressed Long Block	(3.2) \$560
Short Block Pro Build	(6.5) \$1137
Cylinder Head Disassembly & Assembly	(3.4) \$595
Check/Set Valve Lash	(2.0) \$350
Cylinder Head Complete Overhaul Package	\$1400

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