

GREELEY AUTOMOTIVE MACHINE, INC.

Northern Colorado's Most Complete Automotive Machine Shop

404 8th. Ave.

Greeley, CO 80631

Phone:(970) 352-4342 - FAX: (970) 356-1877

(effective 06/11/15) Prices subject to change without notice

We offer custom machine work & exchanges

Align Boring Operations:

1000	Torque mains & check line bore.....	58.00
1001	Check mains & touch up	95.00
1002	Check line bore new block	37.00
1006	Check line bore heavy duty block	85.00

Align Honing

1007	7 mains.....	191.00
1005	5 mains.....	159.00
1004	4 mains or less	148.00
1008	Heavy duty up to 5" main.....	90.00 hr.

Align Boring

1010	Align boring, blocks, cam bearings & main bore.....	90.00 hr.
1015	Cut seal surface on 400 Chevy Add	48.00
1017	Machine block for 1 piece rear seal	90.00
1020	Install After market main caps, line bore, finish hone, 3 caps.....	477.00
1030	Line bore & hone block for large cam bearings.....	424.00
1033	Line bore block for roller cam bearings	583.00
1035	Regroove cam tunnel	95.00
1025	Install after market main caps, line bore, finish hone 5 caps	583.00
1027	Mill block for flat caps add.....	159.00

Assembly & Disassembly:

Assembly:

2004	4 cyl. short block	233.00
2006	6 cyl. short block	265.00
2008	V-8 short block.....	292.00
2014	4 cyl. complete	350.00
2015	4 cyl. OHC	466.00
2017	4 cyl. DOHC	525.00
2016	6 cyl. complete	408.00
2019	6 cyl. OHC	525.00
2021	6 cyl. DOHC	583.00
2018	V-8 complete.....	466.00
2028	V-8 OHC	583.00
2038	V-8 DOHC	636.00
2009	Race engine short block.....	424.00
2020	Race engine wet sump.....	636.00
2022	New race engine wet sump	875.00
2030	Race engine dry sump	875.00
2031	New dry sump race engine	1,166.00
2040	Heavy duty truck & tractor.....	90.00 hr.
2050	Install accessories.....	90.00 hr.
2061	Assemble L-6 medium duty diesel	583.00
2060	Assemble V-8 medium duty diesel	700.00
2051	Assemble engine	90.00 hr.

Disassembly:

2104	4 cyl. short block	85.00
2114	4 cyl. complete	117.00

2106	6 cyl. short block	95.00
2116	6 cyl. complete	133.00
2108	8 cyl. short block	100.00
2118	8 cyl. complete	148.00
2107	Medium duty diesel	233.00
2119	8 cyl. race dry sump complete	186.00
2109	Disassemble engine	90.00 hr.
2110	Remove accessories	90.00 hr.

Balance Engine Assembly:

3003	V-6	190.00
3000	V-8	190.00
3006	Inline 6 cyl.	160.00
3004	4 cyl	138.00
3007	L-6 medium duty diesel	230.00
3008	V-8 medium duty diesel	290.00
3010	Truck & tractor.....	90.00 hr.
3005	Rebalance 350 flywheel to 400 or 454	80.00
3002	Change balance on flywheel to match another flywheel	105.00
3015	Balance part.....	90.00 hr.
3020	Install heavy metal	70.00 ea.
3021	Install 2 or more pieces, heavy metal	60.00 ea.

Bell Housing Operations:

3100	Realign bell housing dowels in block (small block Chevy)	80.00
3105	Dial indicate bell housing for concentricity	90.00/hr

Cam Bearing Installation:

3200	One only	18.00
3210	Light duty set.....	37.00
3212	Medium duty diesel set.....	48.00
3215	Install race car or roller cam bearing sets.....	64.00
3220	Heavy duty truck & tractor sets.....	54.00

Camshaft Operations:

3300	Degree camshaft.....	80.00
7920	R & R cam gear.....	35.00

Chassis Dyno

9630	Diesel emission test	65.00
9631	Diesel emission retest	35.00
9640	VIN verification	15.00
9650	Stamp (rebuilt from salvage).....	22.00

Cleaning Operations:

4000	Block pass. & lt. truck.....	85.00
4005	Medium duty diesel block	100.00
4010	Heavy duty block	140.00
4001	Final wash light duty block	20.00
4002	Final wash medium duty block	25.00
4003	Final wash heavy duty block	30.00
4020	Clean light duty heads	24.00 ea.
4022	Clean medium duty head per cylinder	7.00
4023	Clean heavy duty head per cylinder	12.00
4030	Intakes cast.....	48.00
4040	Intake aluminum (inc. glass beading)	48.00
4050	Complete light duty engine assembly.....	190.00
4055	Clean complete medium duty diesel	240.00

4060	Bead blast cleaning.....	90.00 hr
4070	Prepare pistons for reuse	8.00 ea.
4080	Chemical cleaning of steel or alum. parts.....	90.00 hr
4081	Clean light duty connecting rod.....	4.00 ea.
4082	Clean medium duty connecting rod.....	5.00 ea.
4083	Clean heavy duty connecting rod.....	6.00 ea.
4084	Remove rings per piston.....	3.00 ea.
4090	Wash block only	48.00
4091	Clean light duty crankshaft	18.00
4092	Clean medium duty crankshaft	24.00
4093	Clean heavy duty crankshaft	35.00

Complete Engine Rebuild:

5004	Complete 4 cyl.....	1465.00 + parts
5014	Complete 4 cyl. - less assembly.....	998.00 + parts
5044	Complete 4 cyl – OHC.....	1,397.00 + parts
5015	Complete 4 cyl – DOHC	1,525.00 + parts
5005	Complete heavy duty 4 cyl.	1,300.00 + parts
5017	Complete 4 cyl OHC less assembly	930.00 + parts
5115	Complete 4 cyl DOHC less assembly	1465.00 + parts
5006	Complete 6 cyl.....	1,575.00 + parts
5016	Complete 6 cyl. - less assembly.....	1,167.00 + parts
5046	Complete 6 cyl – OHC.....	1,831.00 + parts
5047	Complete 6 cyl DOHC	1,925.00 + parts
5146	Complete 6 cyl OHC less assembly	1,167.00 + parts
5147	Complete 6 cyl DOHC less assembly	1,209.00 + parts
5108	Complete V-8.....	1,890.00 + parts
5118	Complete V-8 premium build.....	2641.00 + parts
5018	Complete 8 cyl. - less assembly.....	1,276.00 + parts
5048	Complete 8 cyl – SOHC.....	1,810.00 + parts
5049	Complete V-8 DOHC	1,890.00 + parts
5051	Complete V-10 OHC	2,258.00 + parts
5148	Complete V-8 SOHC less assembly	1,050.00 + parts
5149	Complete V-8 DOHC less assembly	1,596.00 + parts
5010	Complete V-8 diesel, 6.2, 6.5, 6.9, 7.3.....	2,807.00 + parts
5056	Complete L-6 medium duty diesel	2,608.00 + parts
5204	Complete L- head 4 cyl	1,759.00 + parts
5206	Complete L – head 6 cyl	2,045.00 + parts
5208	Complete L – head V-8	2,109.00 + parts
5024	Build long block - 4 cyl.....	1,120.00 + parts
5026	Build long block - 6 cyl.....	1,390.00 + parts
5028	Build long block - 8 cyl.....	1,855.00 + parts
2050	Install accessories.....	90.00 hr.
5034	Build short block - 4 cyl.....	800.00 + parts
5036	Build short block - 6 cyl.....	922.00 + parts
5038	Build short block - 8 cyl.....	1,213.00 + parts

Connecting Rod Operations:

6002	Check for size 1 only	18.00 ea.
6000	Check for size (sets) light duty.....	9.00 ea.
6003	Check for size (set) medium duty	10.00 ea.
6006	Check for size (set) heavy duty	13.00 ea.
6001	Recondition passenger rods, one only.....	29.00 ea.
6004	Recondition medium duty rods in sets.....	22.00 ea.
6015	Recondition heavy duty rods	42.00 ea.
6005	Recondition race rods in sets.....	18.00 ea.
6007	Check rods & light hone.....	11.00 ea.
6008	Hone rod for oversized bearing	12.00 ea.
6010	Recondition passenger rods in set	13.00 ea.

6020	Check rods for straightness.....	8.00 ea.
6030	Polish beams in sets.....	7.00 ea.
6040	Magnaflux rods using black light.....	8.00 ea.
6050	Shot peen rods.....	8.00 ea.

Crack & Warp Check:

9200	Check one head for cracks & warpage & leaky valves.....	37.00
9214	Check medium duty head for cracks, warpage & leaky valves	42.00
9215	Check heavy duty head for cracks, warpage & leaky valves	48.00
9210	Check pair of heads for cracks, warpage & leaky valves.....	53.00
9310	Crack repair	90.00 hr.

Crank Shaft Operations:

(All crankshaft grinding includes chamfering of oil holes & micro polishing) (cleaning extra)

6115	Polish 1 cyl crank	16.00
6100	Polish pass. & lt. truck crank.....	37.00
6107	Polish medium duty crank	54.00
6110	Polish heavy duty crank.....	64.00
6120	Grind single cylinder crank.....	42.00
6125	Grind 2 cylinder small crank	64.00
6130	Grind pass. & lt. tr. 4 cyl. & V-8.....	118.00
6135	Grind 4 Cylinder heavy duty	143.00
6140	Grind pass. & lt. truck 6 cyl.....	130.00
6150	Grind L-8 crank	150.00
6160	Grind L -6 medium duty	270.00
6170	Grind large heavy duty. 6 cyl.....	325.00
6180	Grind medium duty V-6 or V-8.....	245.00
6185	Grind large V-8	300.00
6190	Straighten crankshaft.....	32.00
6195	Weld crankshaft - add to grinding price.....	74.00/ journal
6105	Cross drill crank	80.00
6198	Magnaflux using black light inspection.....	32.00
6199	Magnaflux heavy duty crank	48.00

Cylinder Operations:

7014	Measure block and report.....	27.00 ea.
8302	Stroker notch block	90.00
7010	O-Ring block deck	29.00 per. Cyl.
7000	Hone & deglaze.....	12.00 per. Cyl
7012	Hone 1 cylinder with CV 616 hone	32.00 ea.
7013	Hone medium duty block	16.00 per. Cyl.
7005	Hone V-8 block with torque plate.....	160.00
7017	Hone block oversize with torque plate	205.00

Bore & Hone Cylinders Up To 4.5

7004	4 cyl.	120.00
7006	6 cyl.	135.00
7007	L-6 medium duty	170.00
7008	V-8.....	160.00
7009	V-8 medium duty	200.00
7001	Bore & hone single cylinder.....	90.00
7002	Bore & hone 2 cylinder - small engine.....	143.00
7003	Bore & hone 3 Cylinder - small engine.....	170.00
7015	Bore cyl. Over 4.5" (each).....	34.00 per. Cyl.
7025	Bore & hone heavy duty block	34.00 per. Cyl.
7027	Bore & hone big cylinder (J.D.)	170.00 ea.
7018	Bore block & finish honing with torque plate V-8.....	240.00
7019	Install 2 stroke 1 cyl sleeve	127.00

7020	Install repair sleeves (each).....	100.00
7030	Install two or more repair sleeves.....	85.00 ea.
7035	Install sleeves in aluminum race block	133.00
7040	R&R dry sleeves.....	58.00 ea.
7050	R&R wet sleeves.....	35.00 ea.

Differential

9700	Set up & assemble diff. no brakes	300.00
9710	Set up & assemble diff. with brakes	350.00
9720	Set up & assemble drop out third member	150.00
9730	Rebuild positraction unit	100.00
9740	Install locker Spring	40.00
9750	Rebuild quick change	240.00
9760	R&R axle tube	80.00
9770	Rear end work	90.00 hr.
9705	Disassemble & clean diff.	100.00
9707	Disassemble & clean third member	60.00

Distributor

9800	Test distributor on Sun Machine	45.00 ea.
9801	Tune distributor on Sun Machine	90.00 hr.
9802	Install Pertronix kit standard application	22.00 ea.
9803	Install Pertronix kit custom application	90.00 hr.

Dynamometer Operations:

7100	Dyno customer engine (per 8hr day).....	640.00
	Special rates available for multiple dayscall for price
7110	Dyno dry sump engine	690.00
	* Fuel, oil & filters for testing engine extra	
	Dyno EFI w/o being on run stand first 3 days	1800.00

Flow Testing:

9900	Flow test heads, carbs & components (per hour).....	90.00/hr.
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Flywheel Operations:

7200	Surface pass. & lt. truck - single surface.....	48.00
7210	Surface pass. & lt. truck - dual surface.....	53.00
7205	Surface medium duty diesel single surface	53.00
7220	Surface heavy duty single surface.....	64.00
7230	Surface heavy duty dual surface	80.00
7240	Install or flip ring gear.....	37.00
7250	Surface dual mass flywheel	60.00

Freeze Plug Installation:

7300	Per set.....	27.00
7305	Install galley plugs only	16.00

Head Rebuilding:

9420	Estimate repairs, 4 cyl head	42.00
9430	Estimate repairs, 6 cyl.heads.....	48.00
9440	Estimate repairs, 8 cyl.heads.....	54.00
9402	Rebuild 4 cyl. 4 valve per cylinder head	640.00 ea.
9404	Rebuild 4 cyl. 5 valve per cylinder head	690.00 ea.
9406	Rebuild L-6 head	375.00 ea.
9408	Rebuild V-6 cast iron cylinder head	375.00 pr.
9400	Rebuild small block Chevy heads.....	450.00 pr.
9410	Rebuild V-8 cylinder heads	500.00 pr.

Injector Sleeves

9570	Install IH injector sleeves	23.00 ea.
9575	Install Detroit injector sleeves	53.00 ea.
9580	Install Cummins injector sleeves	53.00 ea.

Lifter Operations:

7500	True & sleeve lifter bores (per set).....	398.00 plus sleeves
7510	True lifter bores for larger lifters (no sleeves/per set)	345.00
7515	Hone lifter bores	48.00 set

Magnaflux Operations:

6198	Light duty crankshafts (black light inspection)	32.00
6199	Heavy duty crankshafts (black light inspection).....	48.00
6040	Rods in sets (black light inspection/each).....	8.00 ea.
7600	Light duty block	37.00
7605	Medium duty block	48.00
7607	Heavy duty block	64.00
7610	Cylinder heads (each) or pair	22.00

*Cleaning extra

Miscellaneous Operations:

1009	Welding	90.00 hr.
1100	Check compression ratio	58.00
8477	Check chamber CC's - one chamber.....	22.00
8478	Check chamber CC's - V-8 heads.....	106.00 pr.
9300	Sonic check V-8 block.....	120.00
9305	Sonic check V-6 block.....	90.00
9304	Sonic check V-4 block.....	70.00
9550	Modify oil pump	64.00
1107	File fit rings	90.00/hr
1105	Check piston to valve clearance	90.00/hr

Pin Fitting Operations:

7700	Hone pistons to fit pin.....	6.00 ea.
7710	Light hone of race rods to fit pins.....	6.00 ea.
7720	Fit pin bushings (up to 1.0").....	11.00 ea.
7730	Fit pin bushings (from 1.0" up to 1.5").....	13.00 ea.
7735	Fit pin bushings (over 1.5")	16.00 ea.
7740	Install pin bushings	7.00 ea.
7745	Install HD tapered pin bushings	16.00 ea.
7750	Hone rod for floating pin (no bushing). Includes drilling.....	12.00 ea.
7810	R & R piston with press fit pins.....	9.00 ea.
7780	Fit king pin bushings (light duty).....	48.00 pr.
7790	Fit king pin bushings (medium duty).....	54.00 pr.
7795	Fit king pin bushings (heavy duty).....	64.00 pr.
7797	Install king pin bushings.....	18.00/spindle
7799	Install & fit pin bushings – V-8 pass & lt. truck.....	95.00/set
7798	Install & fit pin bushings – V-8 race rods.....	106.00/set

Piston Operations:

7806	Remove race pistons from rods	6.00ea.
7811	Install pistons on rods press fit	7.00 ea.
7807	Install race pistons on rods.....	9.00 ea.
7810	R & R pistons on rods	9.00 ea.

7805	R & R piston on rod (single).....	18.00 ea.
9500	Fly cut pistons.....	90.00 hr
7815	Debur pistons.....	6.00 ea.

Porting Cylinder Heads:

9120	Pocket porting only.....	185.00
9122	Port cylinder heads.....	90.00 / hr.

Press Operations:

7910	R & R axle bearing.....	45.00
7920	R & R cam gear.....	35.00
7930	R & R power steering pulley.....	22.00
7940	Front wheel drive spindle.....	58.00 ea.
7960	Press parts.....	90.00 hr.

Pressure Testing:

8000	Pass. & light truck heads single.....	48.00
8030	Pass. & light truck heads pair.....	70.00
8010	Heavy duty cyl. Heads.....	70.00
8020	Block.....	85.00

Reface Rocker Arms:

8100	Single rockers.....	12.00
8110	4 cyl. shafts (disassemble, clean, reface & assemble.).....	74.00
8120	6 cyl. shafts (disassemble, clean, reface & assemble.).....	106.00
8130	V-8 shafts (disassemble, clean, reface & assemble.).....	122.00

Rocker Studs & Guide Plates:

8200	R & R press in studs ---- single.....	27.00
8210	R & R press in studs ---- sets (each).....	9.00
8220	Install screw in studs -- single.....	27.00
8230	Install screw in studs -- sets (each).....	8.00
8240	Cut to install screw in studs & guide plates (each).....	9.00

*Extra charge for broken studs

Shop Work

1003	General work.....	.\$90.00 hr.
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Surfacing Operations:

8300	Check head or block for warpage.....	16.00
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Surface heads

8401	1 cyl. head or block.....	24.00
8402	2 cyl.	48.00
8403	3 cyl.	48.00
8404	4 cyl.	48.00
8414	H-4 head.....	80.00
8405	5 cyl. head.....	55.00
8406	6 cyl.	53.00
8407	L-6 medium duty.....	120.00
8416	V-6 pairs.....	80.00
8408	V-8 pairs.....	80.00
8411	V-8 medium duty.....	138.00
8409	V-10 pairs,.....	95.00
8410	Heavy duty (per cyl.).....	32.00

Angle Mill Heads

8415	(Includes correct intake surface and spot face bolt holes/pr.)	400.00
Surface Block		
8424	4 cyl.	74.00
8426	6 cyl.	90.00
8427	L-6 medium duty	175.00
8436	V-6	140.00
8428	V-8 & V-6.....	145.00
8429	V-8 medium duty	200.00
8430	Heavy duty (per cyl.)	42.00
8450	True decks using BHJ fixture	190.00
8460	Straighten aluminum heads	64.00
8465	Surface 6 cyl. intake manifold	42.00
8470	Surface exhaust manifold	42.00
8475	Surface intake manifold face on head V8-V6 (per pair).....	74.00
8476	Surface V-8 or V-6 Intake Manifold.....	90.00

Thread Repair Operations:

8500	Remove broken bolts or studs.....	90.00 hr.
8510	Helicoil threads.....	23.00 ea.
8515	Helicoil threads 2 or more	14.00 ea.
8520	Repair spark plug threads.....	37.00 ea.

Valve Jobs Complete:

All complete valve jobs include:

- Disassembly
- Magnafluxing
- Check for warpage
- Check valves & valve guides for wear
- Resurface valves
- Resurface seats using three angles
- Check spring tension
- Reassemble

9000	1 cyl. head or L-head block.....	37.00
9033	1 cyl. 4 VPC	53.00
9001	Harley Davidson (per pair)	64.00
9002	2 cyl. heavy duty head.....	133.00
9003	4 cyl. – 5 valve per cylinder	239.00
9004	4 cyl. pass. & lt. truck.....	122.00
9005	4 cyl. OHC (includes R&R cam & lifters).....	143.00
9006	4 cyl. with 3 valve per cylinder.....	180.00
9007	4 cyl. 4 valve/cyl. OHC with puck adjusters	345.00
9008	4 cyl. air cooled per cylinder	42.00
9009	4 cyl. 4 valve per cylinder.....	217.00
9010	4 cyl. L-head (with adj. lifters)	292.00
9011	Heavy duty 4 cyl. head.....	159.00
9031	Med. duty 4 valve per cylinder (per cyl.)	64.00
9012	Heavy duty .4 valve per cyl. head (per cyl.).....	80.00
9013	5 cyl. 4 valve per cylinder	265.00
9015	5 cyl. VW or similar	265.00
9016	6 cyl. & V-6 pass. & lt. truck	160.00
9017	6 cyl. OHC (inc. R&R cam & lifters) 2 valve per cylinder	239.00
9034	L-6 medium duty	186.00
9035	L-6 4 VPC medium duty	318.00
9038	V-6 DOHC with pucks	400.00
9027	V-6 four valve per cylinder.....	292.00
9018	V-6 OHC with puck adjustment (Toyota)	329.00
9019	6 cyl. L-head (with adjustable lifters)	345.00
9020	V-6 heavy duty	212.00

9021	6 cyl. heavy duty heads.....	212.00
9022	V-8 pass. & lt. truck.....	160.00
9029	V-8 OHC.....	265.00
9032	V-8 medium duty.....	240.00
9036	V-8 4 VPC medium duty.....	345.00
9023	V-8 heavy duty heads.....	292.00
9024	V-8 L-head (with adjustable lifters) Includes assembly.....	583.00
9037	V-8 L - head no assembly.....	400.00
9025	V-8 competition.....	190.00
9026	V-8 aluminum race head.....	230.00
9028	V-10 lt, truck.....	212.00
9030	V-10 OHC.....	292.00

Valve Jobs Partial:

9100	Reface valves.....	6.00 ea.
9101	Sets.....	4.00 ea.
9102	Resurface valve seats.....	11.00 ea.
9103	Sets.....	7.00 ea.
9104	R&R replaceable seats.....	13.00 ea.
9105	Cut & install seats.....	13.00 ea.
9106	Install seats aluminum head.....	17.00 ea.
9107	R&R replaceable valve guides (cast iron head).....	16.00 ea.
9108	Sets.....	7.00 ea.
9109	R&R Heavy duty guides.....	9.00 ea.
9110	R&R replaceable valve guides (alum. heads) ea.....	16.00 ea.
9111	Sets.....	7.00 ea.
9112	Replace integral guides.....	16.00 ea.
9113	Sets.....	7.00 ea.
9114	Cut for PC seals.....	4.00 ea.
9115	Cut for large valve springs.....	4.00 ea.
9116	Set spring heights.....	4.00 ea.
9117	Install & hone Bronze valve guides.....	12.00 ea.
9121	Remove & replace valve seals.....	90.00 / hr.
9118	Hone valve guides.....	7.00 ea.
9119	O Ring head – per cyl.....	32.00

Welding:

1009	Welding.....	90.00 per. hr.
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Other machining operations are also available upon request.

We carry a full line of engine parts (high performance & stock) and quality engine kits.

