

1971 Chevrolet Camaro



Summary

This vehicle examination was completed on August 8th 2022 at the residence of the owner in Sanbornton, New Hampshire.

An examination of the exterior shows the Platinum Metallic paint covered with clear coat finish looked good. The paint and rally striping were well applied with little variation of paint thickness over the chassis. The chrome looked good as well. I noted no dents or dings. According to the owner, several body panels have been replaced. The hood is a metal aftermarket model that is correct to the model year. Further examination finds new American Racing Mag Wheels with new staggard B.F. Goodrich tires. The rear spoiler is from a different model year vehicle. Examination of the exterior paint found some variation in the paint thickness.

Examination of the exterior lighting finds the right marker/directional is not fully illuminated. This could be caused by a bulb failure or poor ground, the fixture is new.

The front wheels are fitted with Wilwood brake calipers and slotted rotors. There are rear drum brakes on the vehicle.

An examination of the the trunk compartment finds no rust and fresh splatter paint applied to the surface. It is covered with a period mat. Examination of the circuit wiring harness finds it routed correctly and securely mounted. At the time of inspection the real license plate lightbulbs had not been replaced as the sockets are empty.

Inside I noted the interior dash frame, bulkhead and floor pans have been painted and look good. The rear seating, carpet, deck lid are in good condition as well. There are newer front and rear Camaro floor mats covering the carpet. The carpet is free of dirt or stain. An examination of the front reveals a nearly new instrument panel and steering column. The steering wheel is newer and there is a fitted chrome cover between the steering wheel and steering column. The front seats are in newer with no tears or rips. A electronic instrument panel was recently installed and needs to be calibrated, no mileage is currently registered. The owner provided the original to the vehicle showing 50943 miles. The installed radio is a Bluetooth connected device working off a smartphone. The exterior esthetics

are original in appearance, however functions only with Bluetooth connected devices.

Of note, the rear deck lid was modified to fit rear speakers with exposed grills per the seller.

The center console was outfitted with a B&M Hammer Shifter, replacing the column shifter originally installed. the fitment is excellent offering excellent functionality.

The electrical circuit wiring has been replaced throughout with the exception of a section leading to the rear under the left side rocker per the seller. No fitment issues were observed.

The underside has been undercoated. The undercoating can hide rust. I noted no visual leaks.

An examination of the engine and engine compartment finds no issues. the compartment has new inner fenders and compartment is free of dirt and dust. Ignition components are near stock with high temperature plug wires with plated stand offs. The engine components are chromed with braded lines and anodized fittings well fitted to the engine. There is a single serpentine accessory belt driving the alternator and power steering pump. The radiator is fitted with dual electric fans securely mounted to the radiator support.

The engine fluids were checked and all were found to be new and full.

The engine was started and quickly fired to high idle then after warm up idled down to normal idle speed. No abnormal noise or smoke was heard or seen from the startup.

Seller says it has a 400 CID engine oversized to 406 with a turbo 350 GM transmission. The vehicle engine was dyno tested by the builder at 450+ horsepower. The owner has documented and has on hand an extensive book on the restoration of this vehicle.

The owner road-tested the vehicle while I accompanied him. No issue with the steering, suspension or driveline was noted during the test.

Please see below for pictures and more info.










Vehicle Information

Year	1971
Make	Chevrolet
Model	Camaro
VIN	124871N513986
Stock No.	N/A
Mileage	N/A
Interior Color	Black
Interior Material	Vinyl
Engine Cylinders	8 Cylinder
Exterior Color	Silver
Engine Number	N/A
Transmission Number	N/A
Fuel Type	Gas








Drivetrain

Transmission	Automatic
Drive Type	Rear Wheel Drive

Road Test

Road Test	 Good
Engine Starting Easily	 Good
Engine running well after Started	 Good
Transmission performance	 Good
Differential Performance	 Good
Wheel Bearing Performance	 Good
Braking Performance	 Good
Suspension Performance	 Good
Steering Performance and Alignment	 Good









Exterior

Wiper Blades	 Good
Windshield Washer	 Good
Body Panel Alignment	 Good
Scratches	 Good
Paint Condition	 Good
Seals	 Good
Rust	 Issues






The underside has been undercoated. The undercoating can hide rust.

Exterior Lights	 Issues
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Right marker/directional illumination weak. Plate lights not illuminated. No bulbs found in the lamp sockets

Power Door Mirrors	 Good
Bumpers	 Good
Underbody/Frame Condition	 Good
Glass	 Good
Floors	 Good
Rockers	 Good
Quarter Panels	 Good
Body Filler Used	 Issues
























I checked the vehicle with a meter and found some paint thickness variation.

Hood	 Good
Doors	 Good
Dings	 Good
Dents	 Good
Chrome	 Good

Interior

Steering Wheel	 Good
Horn	 Good
Seat Condition	 Good
Seat Belts	 Good
Radio/Navigation/DVD	 Good
Inner Door Panels	 Good
Power Window Switches	 Good
Center Console	 Good
Dash	 Good
Dash Lights Working	 Good
Heater	 Good
Carpet	 Good
Floor Mats	 Good
Signs of Smoking?	 Good
Headliner	 Good
Blower Motor	 Good
Instrument Cluster/Gauges	 Good
Unusual Odors	 Good
Window Function	 Good
Interior Trim	 Good
Sun Visors	 Good

Mechanical

Air Filter	 Good
Battery Condition	 Good
Charging System	 Good
Cooling Fan Condition Mechanical/Electronic	 Good
Hoses and Clamps Age/Cracking	 Good
Radiator Condition	 Good
Engine Coolant Condition	 Good
Belts	 Good
Power Steering System	 Good
Power Steering Fluid Condition	 Good
Engine Oil Condition	 Good
Engine Oil Leaks	 Good
Transmission Fluid Condition	 Good
Transmission Fluid Leaks	 Good
Brake System Condition	 Good
Brake Fluid Leaks	 Good
Differential leaks	 Good
Muffler System	 Good
CV Boots and Joints	 Good
Shocks and bushings Condition. Leaking?	 Good
Ball Joints and Tie Rods	 Good
Radiator Cap Sealing Properly	 Good
Coolant Leaks	 Good

Tire / Wheels

Manufacturer	
Driver's Front Tire	BFGoodrich
Passenger's Front Tire	BFGoodrich
Driver's 1st Axle Outer Tire	BFGoodrich
Passenger's 1st Axle Outer Tire	BFGoodrich
Size	
Driver's Front Tire	P225/80R15
Passenger's Front Tire	P225/80R15
Driver's 1st Axle Outer Tire	P255/60R15
Passenger's 1st Axle Outer Tire	P255/60R15
Tire Condition	
Driver's Front Tire	No Issues
Passenger's Front Tire	No Issues
Driver's 1st Axle Outer Tire	No Issues
Passenger's 1st Axle Outer Tire	No Issues
Wheel Condition	
Driver's Front Tire	No Issues
Driver's 1st Axle Outer Tire	No Issues
Passenger's Front Tire	No Issues
Passenger's 1st Axle Outer Tire	No Issues
Tire Tread	
Driver's Front Tire	10/32
Passenger's Front Tire	11/32
Driver's 1st Axle Outer Tire	11/32
Passenger's 1st Axle Outer Tire	10/32
Spare Tire	
No	

Vehicle Images











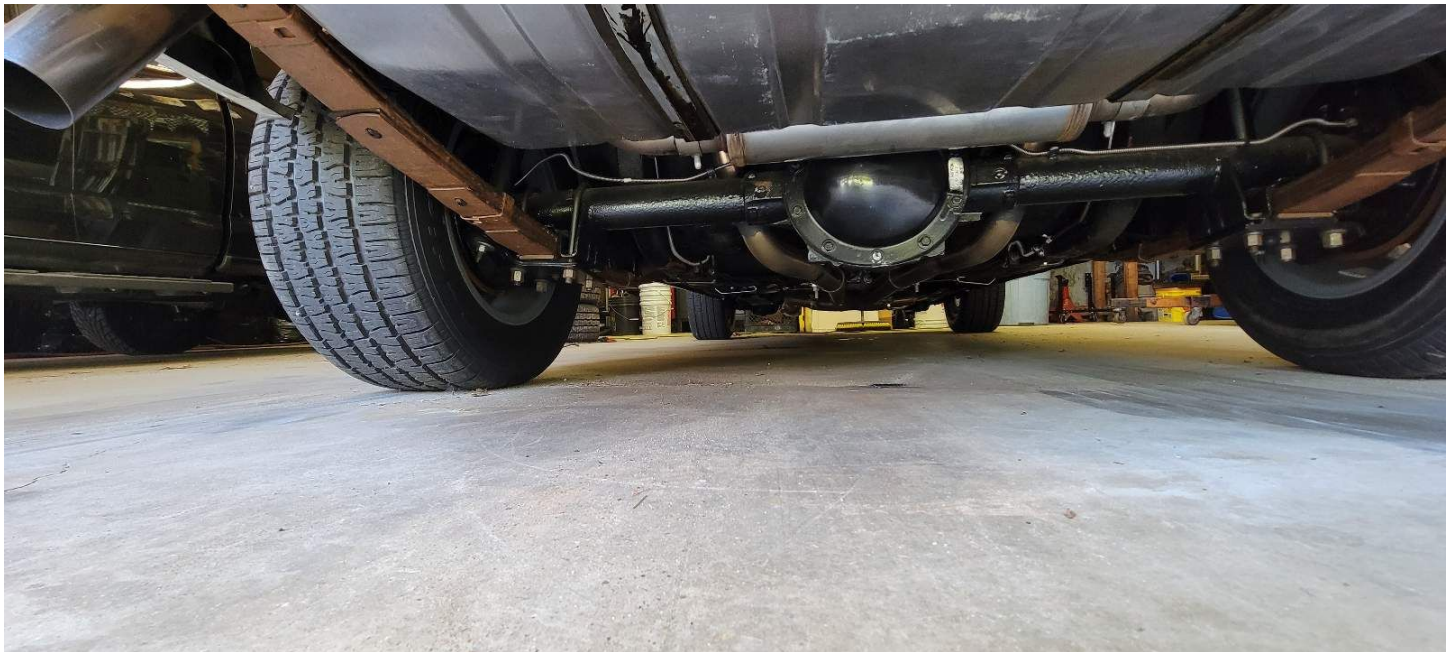
























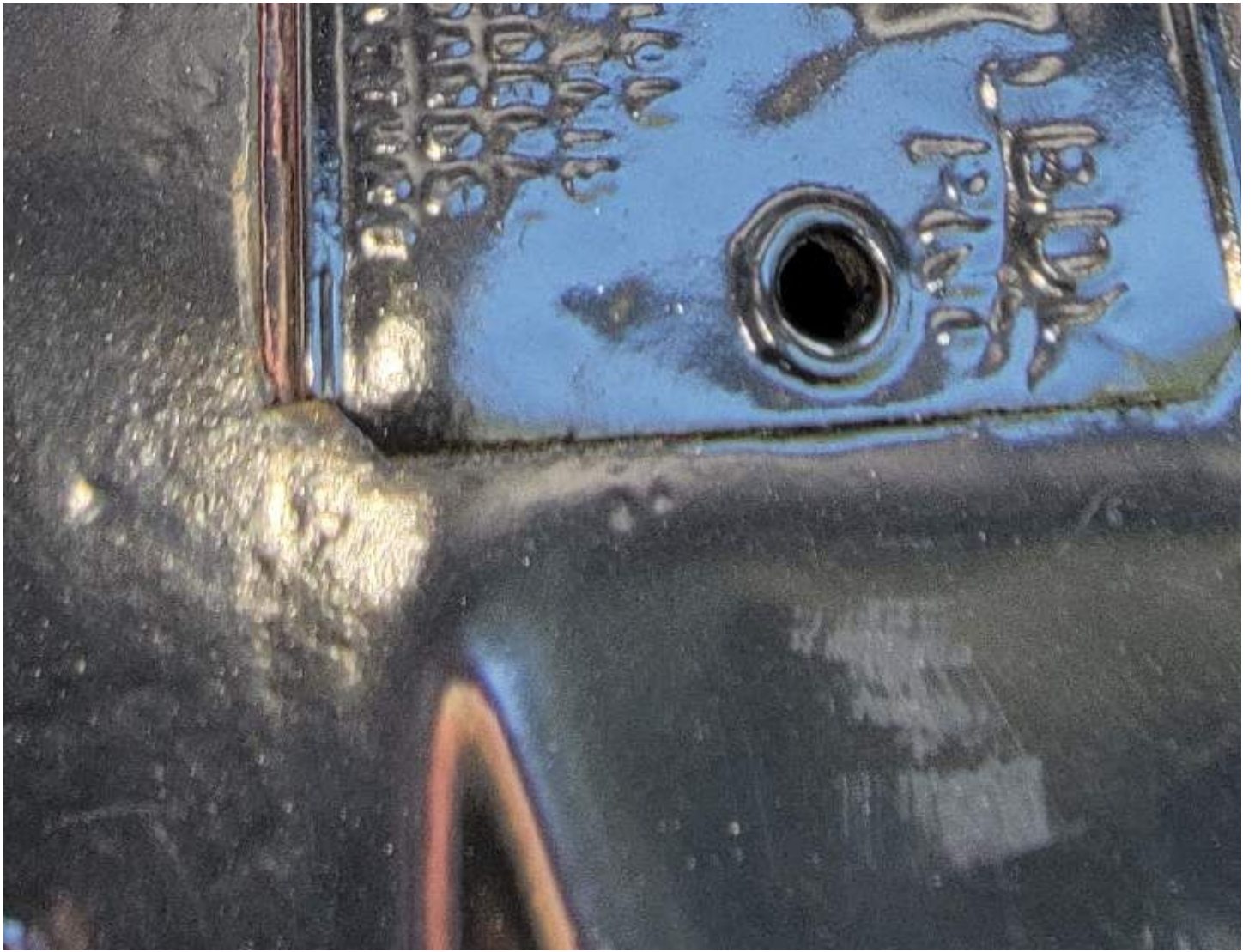


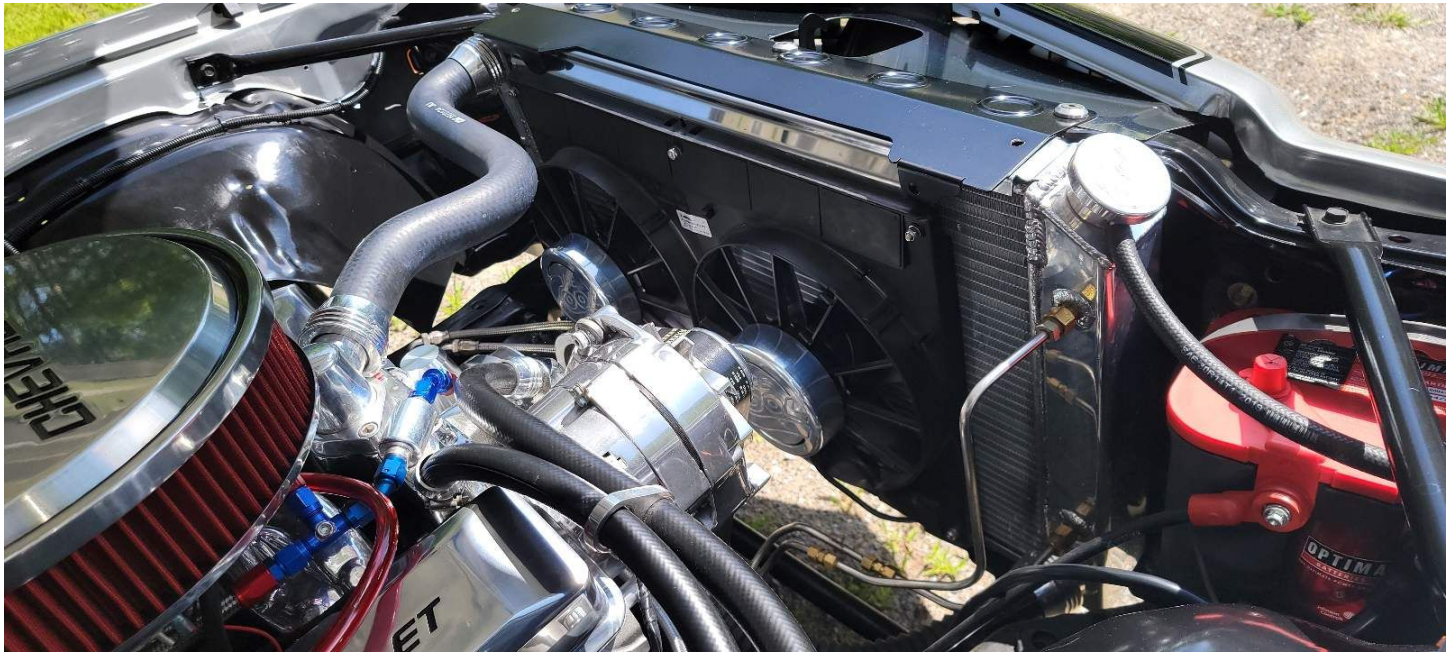






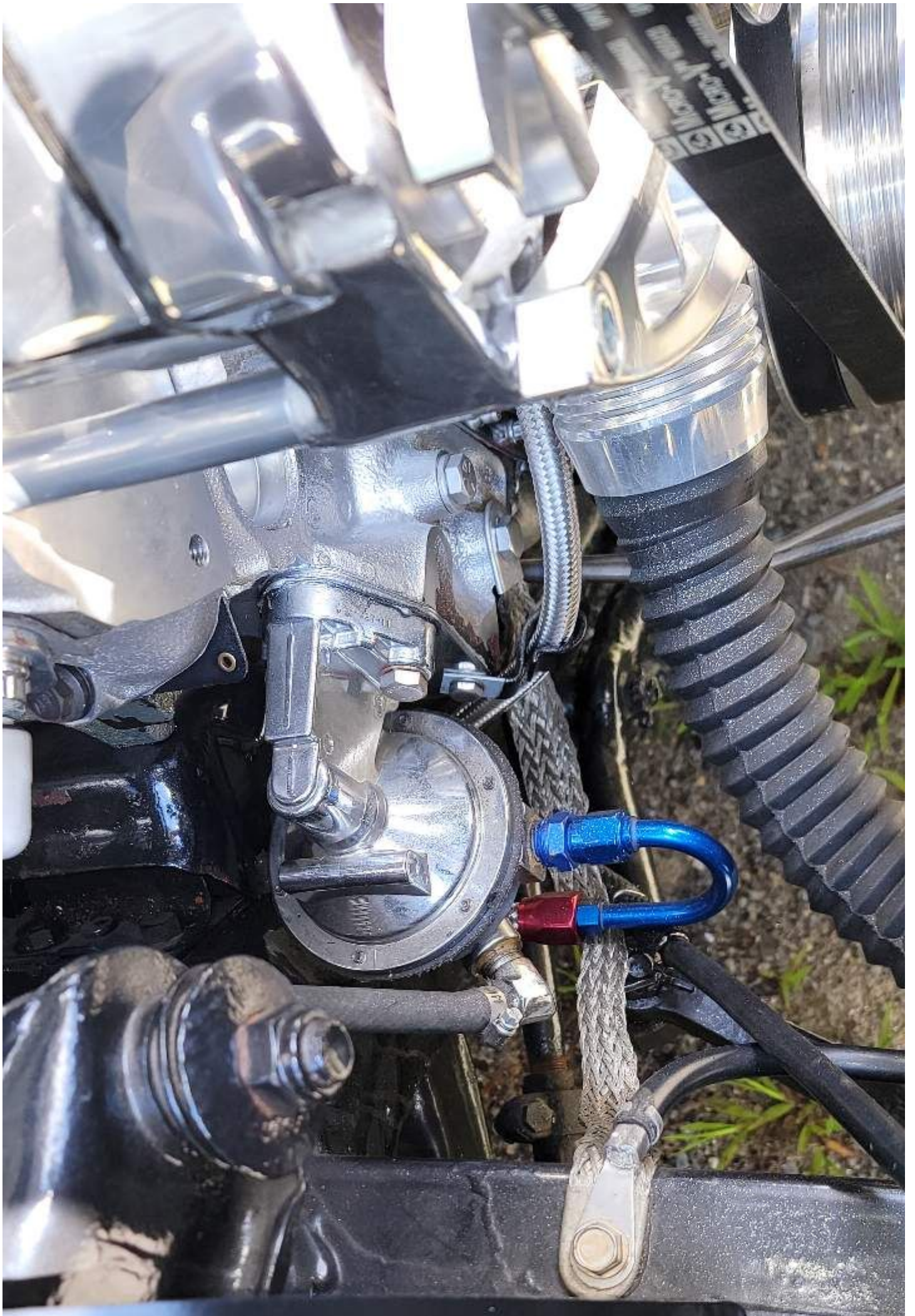










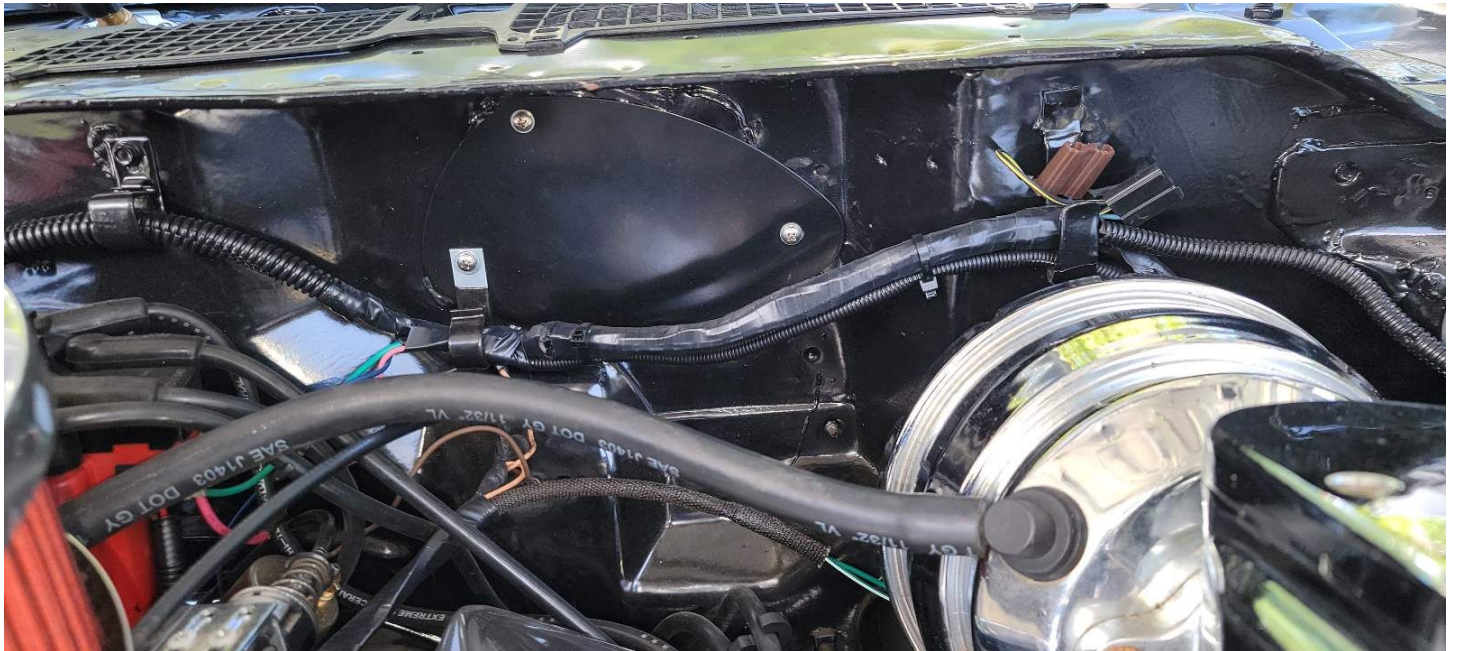
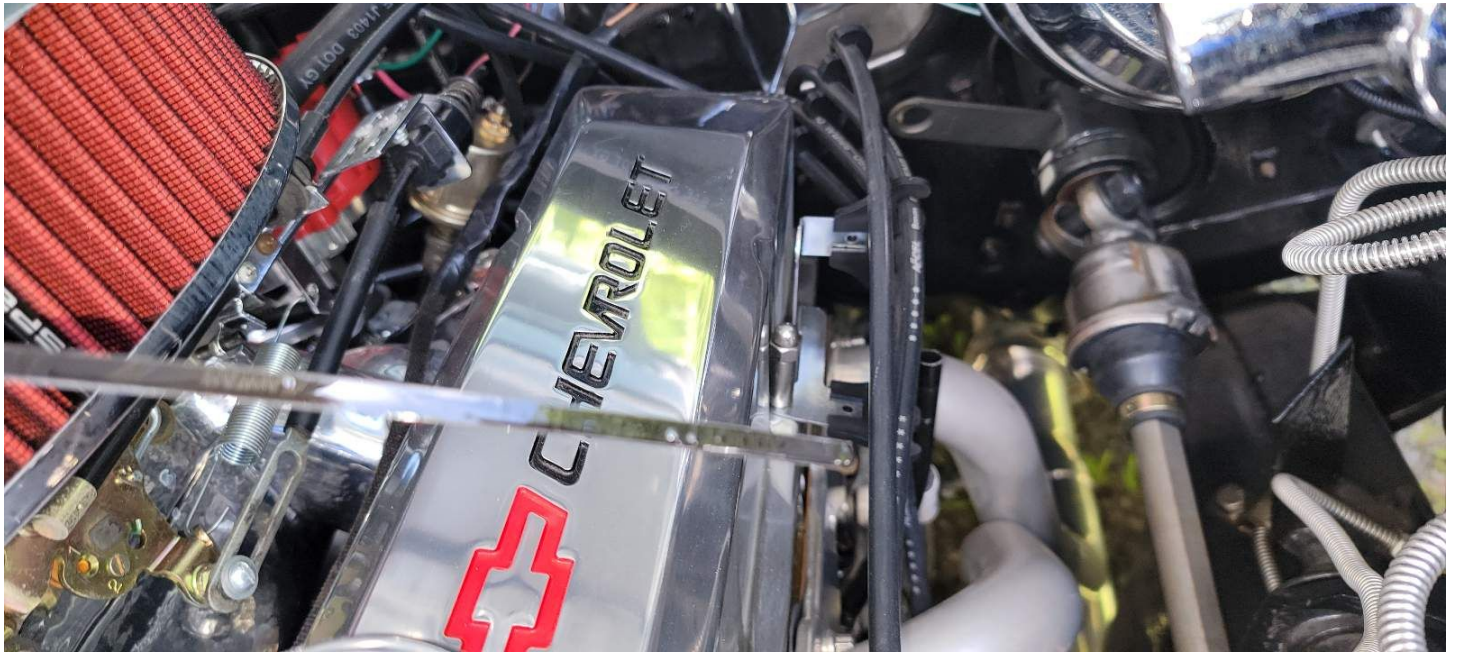


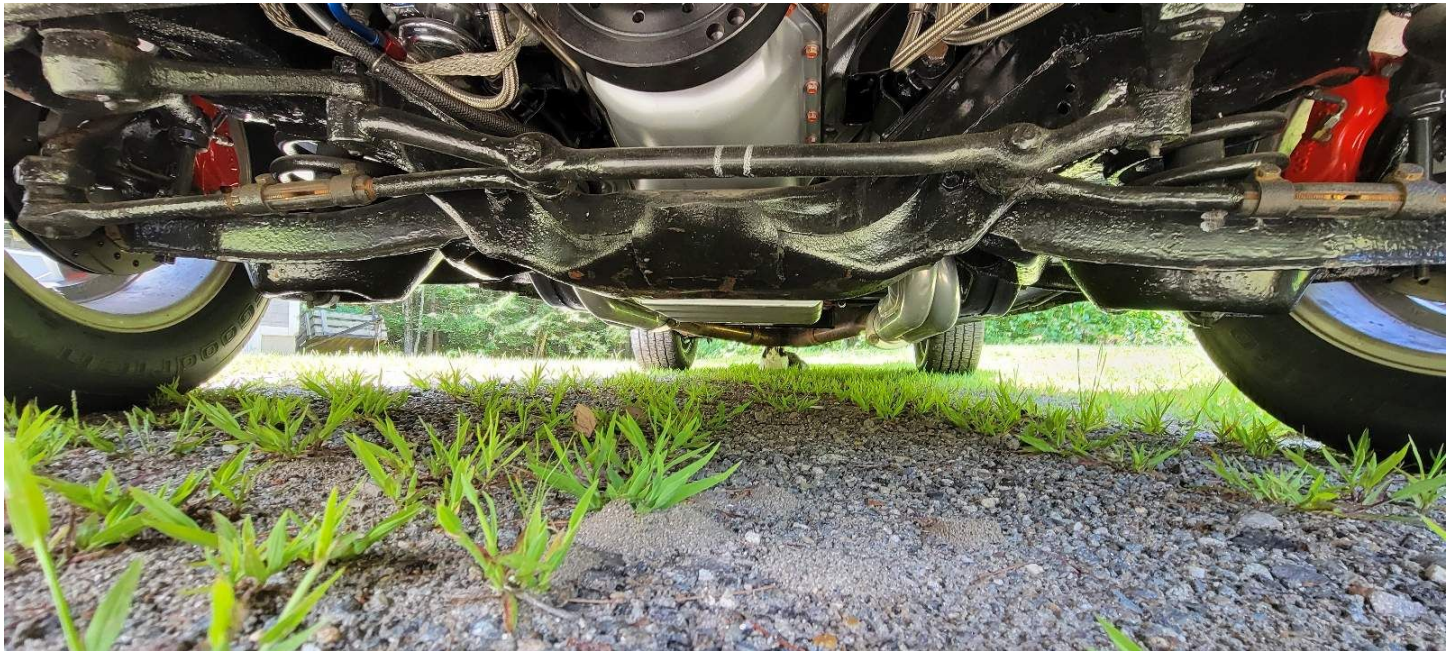
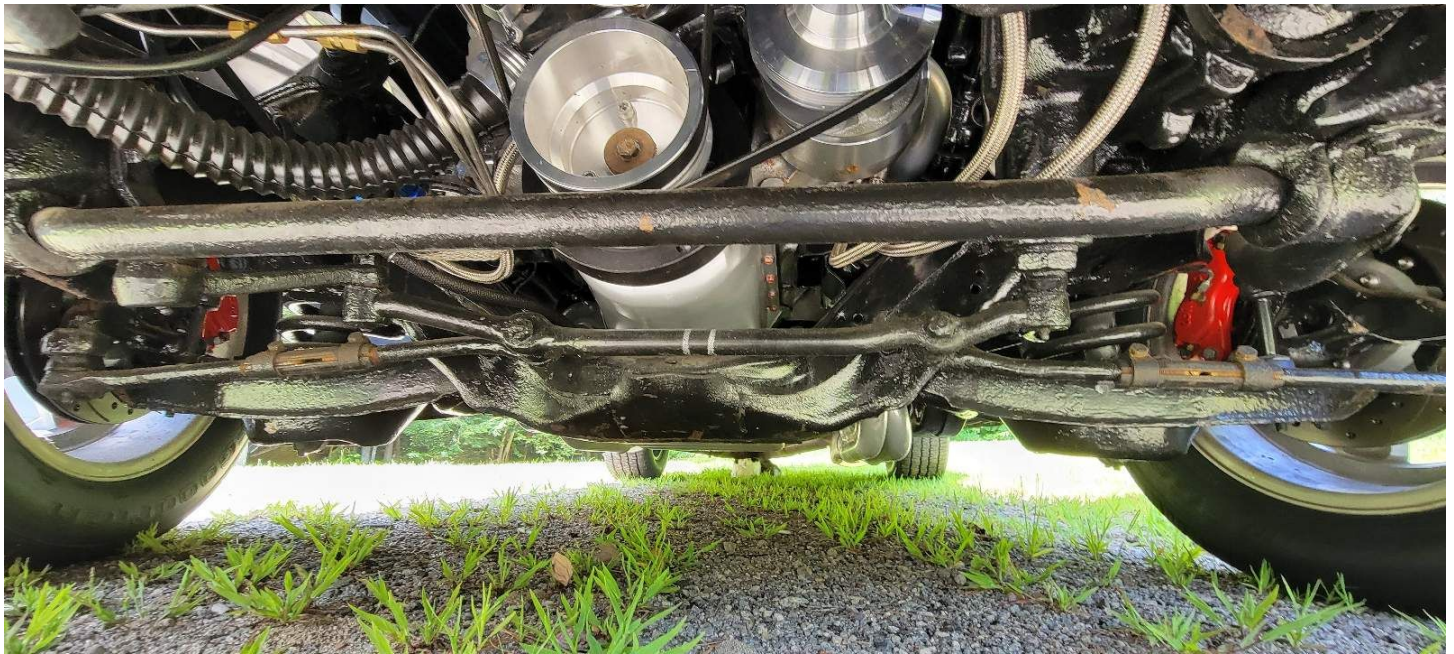












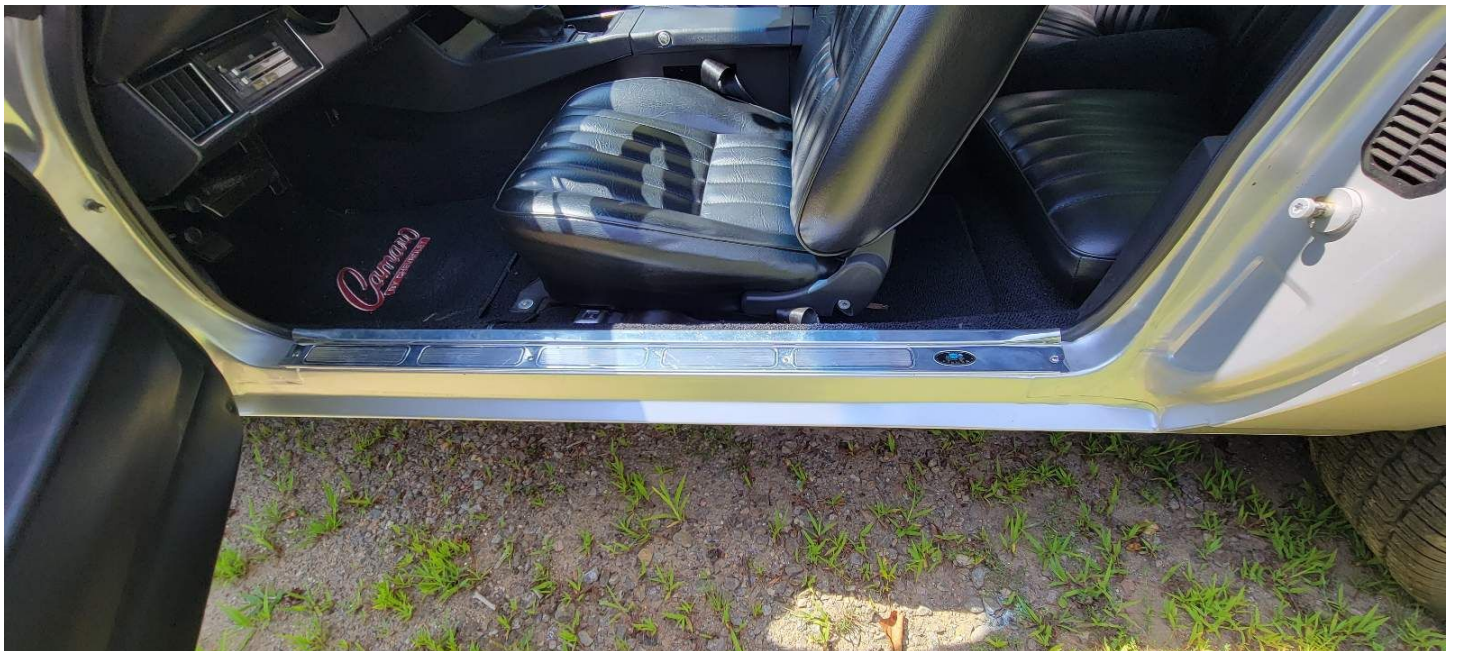










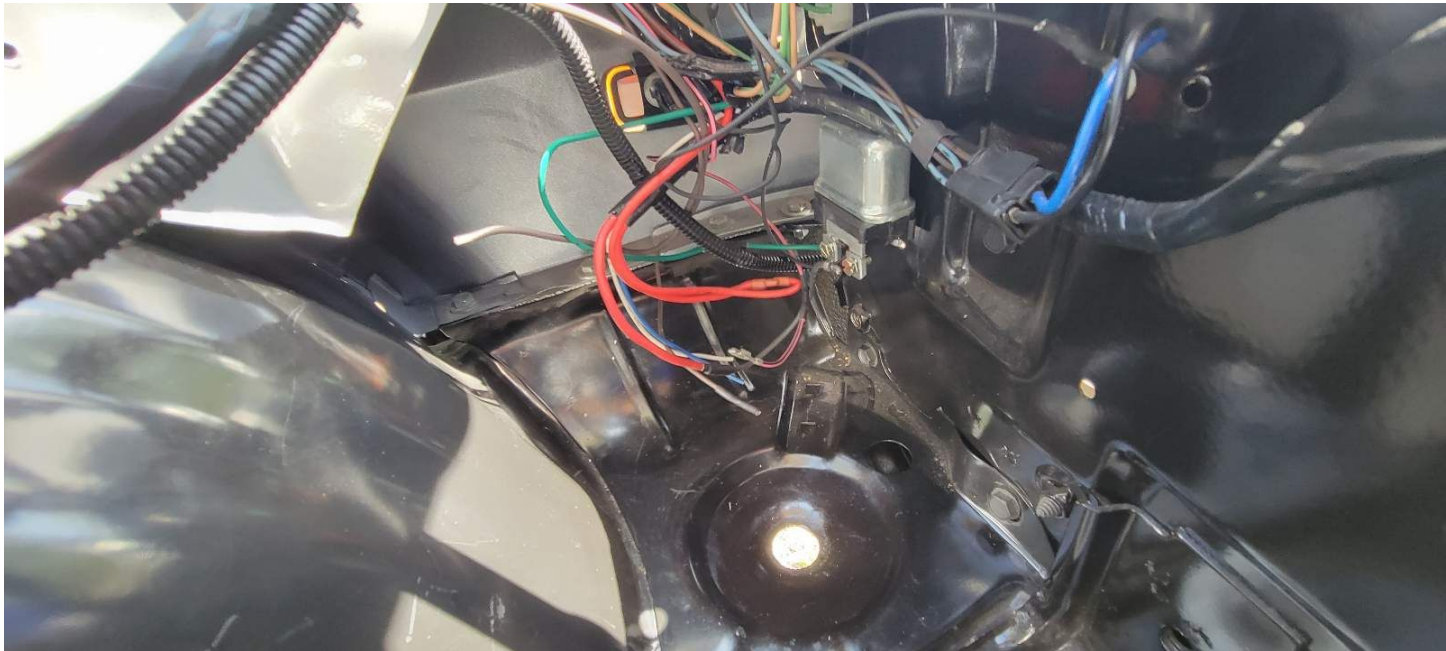




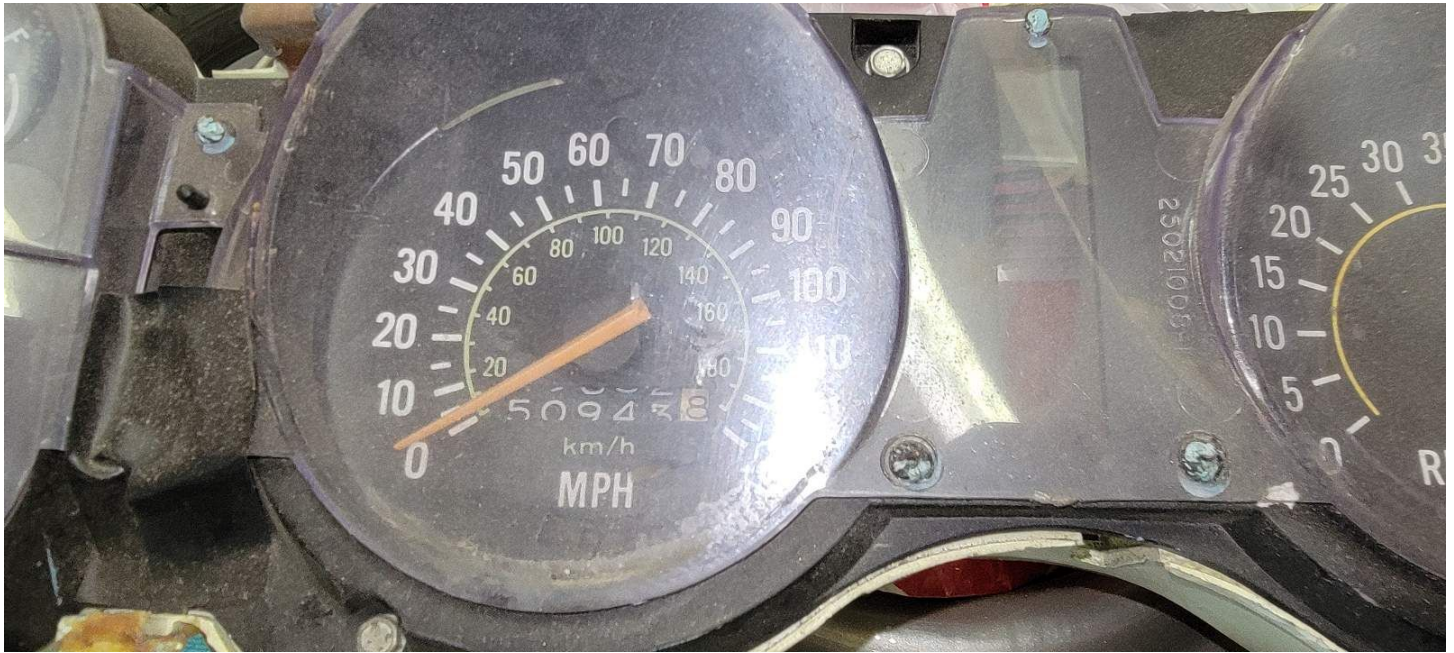




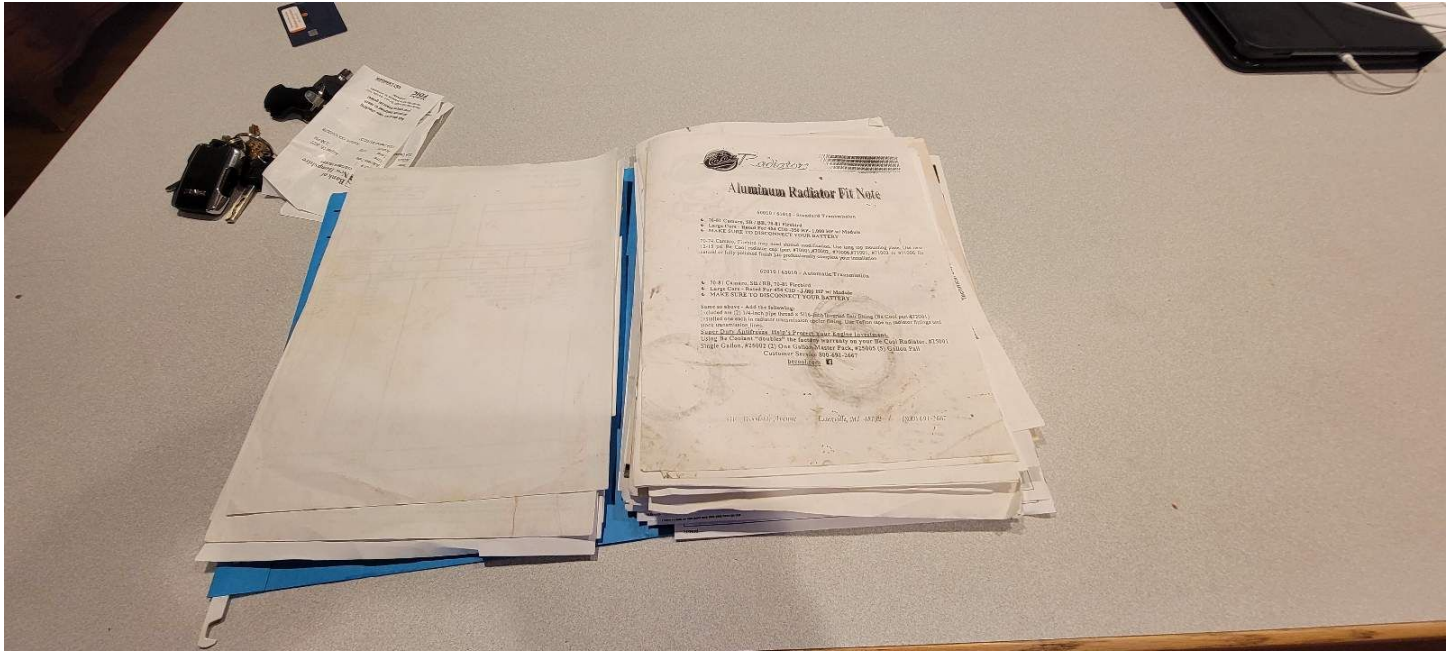


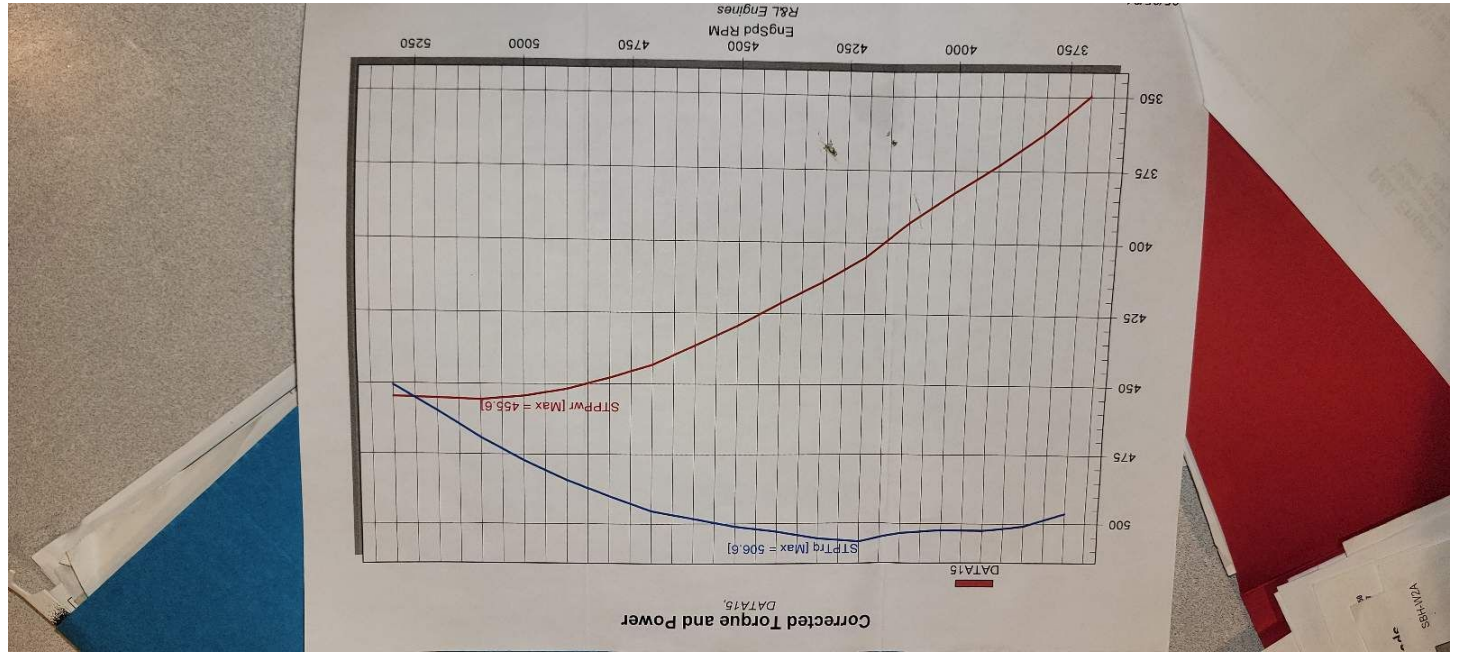






old speedometer





R&L Engines

308 Durham Road
Dover, NH 03820
USA

"Corrected Torque and Power" from test DATA15.sfd

Test Information:

File name: DATA15.sfd (RLE.cfa)
Data page: Corrected Torque and Power - 17 lines total
Tested on:

Test Description:
Initial Timing@ 10 Degrees/Total Timing@ 34 Degrees/Primary Jets #65/Secondary Jets #73

EngSpd RPM	STPPwr CHP	STPTq Cib-ft	FulSum lbs/hr	Air_1s SCFM	BSFC lb/hph	Coolt deg F	OilSmp deg F	Oil_P 0-150p
3,700**	349.7	496.3	125.2	411	0.385	163	161	52.8
3,800	362.4	500.9	127.8	419	0.379	163	161	53.0
3,900	373.1	502.5	130.8	434	0.377	163	161	53.3
4,000	382.7	502.5	132.9	446	0.373	163	160	53.5
4,100	393.0	503.5	135.2	457	0.370	163	160	53.7
4,200	405.1	506.6	139.1	474	0.369	163	161	54.1
4,300	413.8	505.5	142.9	492	0.371	164	161	54.5
4,400	421.3	502.9	147.1	508	0.376	164	161	54.7
4,500	429.3	501.1	153.0	522	0.384	165	161	54.5
4,600	436.4	498.2	157.9	536	0.390	165	161	54.0
4,700	443.2	495.3	161.6	546	0.393	165	161	53.5
4,800	447.8	490.0	166.0	557	0.399	166	161	53.3
4,900	451.8	484.3	169.1	566	0.403	166	161	53.3
5,000	454.3	477.2	174.9	575	0.415	166	161	53.6
5,100	455.6	469.2	180.2	584	0.427	167	161	54.0
5,200	455.1	459.6	181.2	593	0.430	167	161	54.2
5,300**	454.7	450.6	179.2	600	0.425	167	161	54.2
Avg**	419.4	491.0	153.2	513	0.392	165	161	53.8
Max**	455.6	506.6	181.2	600	0.430	167	161	54.7





WV-Group
★★★★★

CM-218

Single

Num: 4

Fe

300
μm

L1 :	466	L6 :
L2 :	275	L7 :
L3 :	409	L8 :
L4 :		L9 :
L5 :		L10 :



Single
Num: 5

155 μm

L1: 300	L6:
L2: 466	L7:
L3: 275	L8:
L4: 409	L9:
L5:	L10:

Coating Thickness Gauge



