







1954 Chrysler Imperial Custom owner-John Barnett



1954 Chrysler Imperial Custom OWNER- John Barrett

The Imperial was in a shap in NE Calgary after having been stored for years in an arena somewhere in Springbank. Apparently the owner had bought three cars in a package deal and had done very little with this car.

I had been advised enriller that there were starting problems and that a 12-volt battery was in the car. That raised alarms for me as it should be a 6-volt system. I agreed to take a 6-volt battery and asked them not to operate on 12 volts. My inspection revealed that the car still had a 6-volt generator, regulator, starter, et. but most bulbs had been changed to 12. The polarity was also backwards as all 6-volt cars are positive ground. With a correct battery and polarity the car started fine but with a bid of liter noise. Amazingly, the generator and regulator seemed ok, as well as the temp and fuel gauges. Oil and amp lights bulbs were toost. Test driving in the industrial area was interesting as 1 kept hearing a "cronk" sound; a lattituded it to body flex over uneven ground, until the engine died. The car was out of gas and I could hear the electric fuel pump running. The "conk" sound was the fuel tank collapsing. When I removed the gas cap three was a whoocosh sound and other noises as the vacuum was relieved and the tank magically popped back into shape.

There were a few more minor discoveries but no deal killers and I made a deal. The deal included delivery on a flat deck to my farm at Okotoks.

Over the last couple of years, I put a lat of TLC into the car to make it safe and a bit prettier. This included touching up point, aligning the rear bumper, continental kit, and hood; and replacing a Vorken tall light. The wheels looked of krom five feet but had minor corrosion; the sires dos looked ok except for age and cracking. I ordered new wheels from Wheel Smith in California and I picked up new Coker Wide Whites from The Coker Booth at the Portland Swap Meet in April of this year.

I discovered early on that, mechanically, the car had major issues, and was not fit to drive. The brakes were a mess, with leaking cylinders on all corners, and the brake shoes were out of adjustment to the point that the LF drum was forced on and dragging. (I should note here

that the heel of each brake shoe is anchored with an eccentric pin on '56 and older models, and drum to shoe dearnace should be 0.06'. Special tools are needed to adjust this before the drum is natioally. Some other is ganificant suprises were there was conventional oil in the engine (lacking additives for flat lifter cams), no oil in the diff, the RR brake drum axie nut was only finger right, and there was no cotter pin the exto put in should be torqued to 140 hf bl), the LR drum was bent from uring the wrang puller (old maper had tapered rear roles, requiring a special hub puller), the front wheel bearings still had original grouse but the drum covity was pocked with new grease, the idler pulley bearing was gone, and there was terrible belt misalignment.

I won't go into the myriad number of electrical issues that we all know require endless time to resolve.

Anyway, fast forward to 2025 and I was hoping to have the car ready for our NM August car show but to no avail, as it was still on the hoist with brake problems. But I was svery excited to introduce the car at the September 28 show in High Winer I was very graftising for me see the yellow car receive such a positive response and, even better, it started and made it back to the shop afterwards. The Yallon Car was show the teap fature and story in Nice Old Cars. It was all very cool and my thanks for the many comments









SPECIFICATIONS:

Purchased: by John Barrett December 17, 2023 Model: C64 (Custom) Newport two-door six passenger hardtop Production: 1,249 two-door hardtops built in Detroit Wheelbase: 131.5", weight 4345 lbs (1975 kgs)

Overall length: (Custom hardtop) 224" plus the contin

VIN Series: C64 - 7775001 to 7780767 Engine: V-8 331 hemi with cast iron block with five main bearings

cement: 331.1 cubic inches Bore and Stroke: 3.81 x 3.62 inches Compression Ratio: 7.50:1 Brake Horsepower: 235 @ 4400 rpm Torque: 330 ft-lbs of torque at 2600 rpm **SPECIFICATIONS:**

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Outside rearview mirror