

HOW TO BUILD AN ENGINE

Deciding how to build your engine is a big deal. It is not cheap even though plenty of “cheap” parts are available. And there are plenty of “experts” on the internet that tell you how to do it. Just remember these “experts” don’t have any of their money in the game! We want you to get what you are looking for. Please answer the following questions as completely as possible.

- 1) Which engine are you working on? 5.3, 5.9, 318, 340, 360, 383, 400, 440, Stroker? C.I.?
- 2) What parts (block, heads, intake, headers, etc.) do you have that you want to re-use?
- 3) What is your goal? Pulling a trailer, street cruiser, hot street, street/strip, race only? What?
- 4) This is the big one. What is your budget? We want to get you the most power you can get for the money you have to spend. Horsepower costs money. How much are you prepared to spend to get what you want?

RULES & TRADE-OFFS

To get a little more of one thing, you will need to “trade-off” for a little less of something else! You get the idea! So, the question becomes: What are you prepared to trade-off to get what you want?

EVERYTHING HAS A TRADE-OFF! (or vice-versa)

| You want | | You Trade-off |
|------------|----|----------------|
| Horsepower | ←→ | Gas Mileage |
| Torque | ←→ | High RPM Power |
| Vacuum | ←→ | Rough Idle |
| Mileage | ←→ | Horsepower |

YOU GET THE IDEA!