

Gas versus diesel HD pickup / Compare real usage, not slogans

FIVE-YEAR FUEL & COST CHECK

Write the numbers from actual offers and recent local prices.

No entered VIN rating or MPG estimate is certified by this worksheet.

01 COMPARE TWO EQUALLY CAPABLE TRUCKS

	GAS / TRUCK A	DIESEL / TRUCK B
VIN / model year / exact engine		
Cab / drivetrain / axle / tires		
Door-label payload (lb)		
Tow rating for this exact setup (lb)		
Rear GAWR (lb)		
Out-the-door purchase price (\$)		

02 FUEL ASSUMPTIONS - SAME WORKLOAD

	GAS / TRUCK A	DIESEL / TRUCK B
Annual mileage (miles)		
Actual or justified loaded MPG		
Unloaded MPG (if separately measured)		
Loaded share of miles (%)		
Local pump price (\$ / gallon)		
Annual fuel gallons (miles / MPG)		
Estimated annual fuel expense (\$)		

03 RECALCULATE BEFORE YOU COMPARE

Fuel cost per mile = pump price per gallon / real-world MPG

Annual diesel fuel saving = annual gas fuel expense - annual diesel fuel expense

Extra diesel purchase cost = diesel price - gas price

Fuel-only payback = extra diesel cost / POSITIVE annual diesel fuel saving

IMPORTANT: A zero or negative saving has no fuel-only break-even.

Use the same annual miles; do not insert nationwide prices as a local quote.

COMPARE FIVE-YEAR COSTS

Treat forecasts as scenarios - not guarantees. Record the source for each amount.

04 OTHER FIVE-YEAR COST CATEGORIES

	GAS / TRUCK A	DIESEL / TRUCK B
Purchase financing / interest total (\$)		
Scheduled maintenance over 5 years (\$)		
DEF allowance (diesel) over 5 years (\$)		
Repairs and tires over 5 years (\$)		
Insurance / registration over 5 years (\$)		
Work downtime allowance over 5 years (\$)		
Estimated resale value after 5 years (\$)		
FIVE-YEAR TOTAL: costs minus resale (\$)		

05 VERIFICATION - CHECK EACH ITEM

- ☐ Both exact trucks are rated for the measured load and trailer
- ☐ Truck GVWR, rear GAWR, hitch, tires and GCWR separately checked
- ☐ Financing terms, purchase price and out-the-door fees documented
- ☐ Real usage includes towing, idling and short trips where relevant
- ☐ Local fuel prices and MPG assumptions recorded with a date
- ☐ Correct model-year service schedules and DEF needs reviewed
- ☐ Resale forecast and repair contingency explicitly provisional

06 DOCUMENT THE DECISION

Preferred VIN / why it fits the work:

Missing data / next verification:

COST ESTIMATE, NOT A TOWING CERTIFICATE

A positive fuel saving or payload balance does not certify safe towing.
Use actual weights and the truck, trailer and hitch requirements.