Remanufacturing Core and Cost Tracker

How-to guide: what the workbook does, how to use it and what every number means. mfgcalcs.com



Remanufacturing Core and Cost Tracker

Log every remanufacturing batch and see core yield, cost per finished unit, margin per unit and program margin by product family and month.

For: Remanufacturing managers, plant controllers and product line managers running core-based reman programs.

Version 1.0.0 · updated 25 November 2026

Quick start

1. On Setup, type your company and currency, then your product families: reman selling price, the core cost you pay per core, and the fixed program cost for the period.
2. On Reman Log, add one row per batch: cores released, cores recovered at teardown, reman cost per recovered core and the batch's fixed cost.
3. Type the units that passed final test and, as they sell, the units sold.
4. Read the Check column, then use the Dashboard filters to look at one family or one month.

What is in the workbook

Start Here	Read this first: what the workbook does and how to use it.
Setup	Your company and currency, and the product families with their price, core cost and fixed program cost.
Reman Log	One row per remanufacturing batch: cores in, cores recovered, cost, units passed and sold.
Dashboard	Core yield, cost and margin per remanufactured unit, and program margin, for the families and dates you choose.
Method	How every number is calculated, with assumptions, limits and sources.
Verify	Self-check: the workbook's formulas recomputed on fixed inputs against an independent reference.
About MFG Calcs	Everything MFG Calcs offers, free: calculators, templates, tariff tools, data and the Calkee AI helper.

What each number means

Quantity	How it is calculated	Units
Core yield and cores scrapped	Cores recovered / cores released; released - recovered.	%, cores
Reman cost	Cores released x reman cost per recovered core x core yield + batch fixed cost (= cores recovered x reman cost per recovered core + batch fixed cost).	currency

Quantity	How it is calculated	Units
Cost per input core	Reman cost / cores released.	currency/core
Core acquisition	Cores released x the family's core cost.	currency
Batch cost	Reman cost + core acquisition.	currency
Cost per finished unit	Batch cost / units passed.	currency/unit
Margin per unit and margin earned	Family reman price - cost per finished unit; x units sold.	currency
Net program margin	Margin earned by the families shown - their program cost from Setup.	currency
Dashboard roll-ups	SUMIFS over the log. The tiles, the yield chart and the monthly table use the rows whose View date is filled in (inside both filters); the family table and the cost chart use the date filter only. Months by release date.	-

Assumptions, limitations, sources and the self-check (the Verify sheet, which recomputes the workbook's formulas on fixed test inputs) are in the workbook. The last page shows the Dashboard with the example data for Westmere Reman Works, a fictional business.

Free from MFG Calcs - keep this credit when you share it.

Engineering estimates for planning and improvement work. Verify the results against your own process, data and standards before you rely on them.

Remanufacturing Core and Cost Tracker

Core yield, cost and margin per remanufactured unit, and program margin, for the families and dates you choose.

mfgcalcs.com

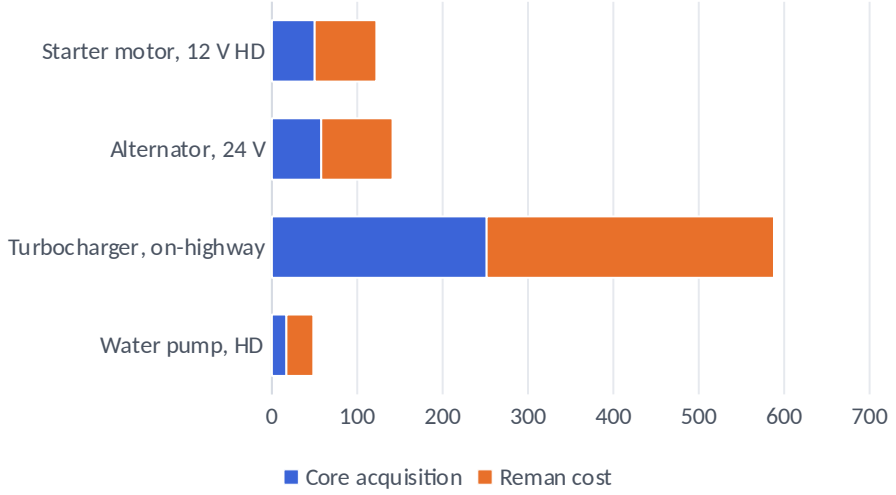
Family: Turbocharger, on-highway

From: To:

Showing Turbocharger, on-highway: 12 batches. The cost chart and the family table show every family for the dates chosen. Money in USD.

CORE YIELD	COST PER FINISHED UNIT (USD)	MARGIN PER UNIT SOLD (USD)	NET PROGRAM MARGIN (USD)
62.0%	588.06	47.18	-5,092
421 cores released	Batch cost / units passed	Price - cost per finished unit	Margin earned - program cost

Cost per finished unit by family



Core yield by month

