

# The Engine Replacement Vetting Checklist

**Who this is for:** This guide is designed for vehicle owners in the US facing major powertrain failure who are considering a remanufactured solution.

**Why use it:** It helps eliminate the guesswork and financial risk associated with choosing a mechanic and an engine supplier, ensuring you don't overpay for unreliable parts.

**How to use:** Use this list before you authorize any work. Go through the "Preparation" section at home, take the "Vetting" section to the repair shop, and use the "Post-Installation" section to protect your warranty.

## Phase 1: Preparation & Budgeting

- **Locate your VIN.** Write down the full Vehicle Identification Number found on the driver's side dashboard or door jamb to ensure exact part matching.
- **Determine vehicle value.** Check the current market value of the car to ensure the repair cost does not exceed 60-70% of the vehicle's worth.
- **Verify the diagnosis.** Get a written confirmation from a mechanic that the internal block failure is catastrophic and cannot be fixed with a minor repair.
- **Set a contingency budget.** Allocate an extra 15-20% of the estimated cost for "while you are in there" parts like hoses, belts, and mounts.

## Phase 2: Vetting the Installer

- **Ask about Jasper experience.** Confirm that the shop is a "Preferred Installer" or has significant experience specifically with Jasper products.
- **Request a total quote.** Ensure the estimate includes the engine, the installation kit, fluids, labor, and taxes in one final number.
- **Clarify labor warranty.** Ask specifically if the shop honors the nationwide labor warranty or if there are coverage caps you need to know about.
- **Discuss the "Core" policy.** Confirm how the shop handles the return of your old engine and ensure you won't be charged a surprise core fee.
- **Check the timeline.** Ask for a realistic completion date based on current shipping times to the local distribution hub.

## Phase 3: The Order Details

- **Confirm "Remanufactured" status.** Verify that the quote is for a fully remanufactured unit, not a "used" or "junkyard" pull.

- **Inquire about updates.** Ask the technician to list specific engineering updates included in this engine family that fix original factory defects.
- **Review included parts.** Check if the unit comes with a new oil pump and gasket set to avoid reusing contaminated old parts.
- **Secure the paperwork.** Ensure the shop agrees to provide the full warranty packet and serial number documentation upon pickup.

#### **Phase 4: Post-Installation Care**

- **Register the warranty.** Go online immediately after picking up the vehicle to register the serial number and activate the coverage.
- **Perform the break-in drive.** Vary your RPMs and avoid using cruise control for the first 500 miles to allow the piston rings to seat properly.
- **Check fluids daily.** Open the hood every morning for the first week to check coolant and oil levels for any installation leaks.
- **Schedule the flush.** Book an oil change appointment for the 500-1,000 mile mark to remove any initial break-in metal particles.