



RAM AIRCRAFT, LP

7505 Karl May Drive • Waco Regional Airport • P.O. Box 5219 • Waco, TX 76708
Phone: (254) 752-8381 • Fax: (254) 752-3307 • www.ramaircraft.com

ENGINES • PARTS • PROPELLERS • ACCESSORIES • STC'S

TSIO-520-VB Cessna 402C

RAM OHE CMI TSIO-520-VB

- Horsepower - 325 hp
 - TBO - 1600 hrs.
 - RAM *Nickel New* Cylinders - NE
 - Crankcase - heavy w/ 7th studs - OHE
 - Crankshaft - OHE
 - Camshaft - RAM
 - Alternator - exchange
 - Starter and starter drive - OHE
 - Spark plugs - new
 - Magneto harness - Champion - new
 - Magnetos - Champion Slick 6320 - NE [pressurized]
 - Fuel injection system - OHE
 - Oil filter - new
 - Induction couplings intake manifold - new
 - Metal baffles - refurbished and painted - exchange
 - Baffle seals - RAM *SureStand* red silicone rubber - new
 - Oil cooler - NE
 - Air/oil separator - inspected and repaired - exchange
 - Balance: crankshaft and rod sets - exchange
 - Core Return Policy - See: RAM OHE CMI TSIO-520 Engine Overhaul Specifications.
 - Also see:
RAM Value Options & Compliance Items.
- OHE = Overhauled Exchange
NE = New Exchange - OEM or PMA
New = New Outright - OEM or PMA
New Items = Subject to test time, ferry time and inventory time.

Kit Components - Packaged Separately and Included

- Engine oil - break-in oil - new
- Couplers - intake riser - new
- Throttle and control assembly - OHE
- Turbocharger - OHE
- Turbo controller - OHE
- Overboost relief valve - OHE
- Air filter - RAM - new
- Cooling shroud or dry vacuum pump - RAM - new
- Spare accessory gasket set - new

RAM OHE Engine

CMI TSIO-520-VB: \$38,896

Shipped - exchange, or Custom Overhauled - exchange

Additional Specifications

- **RAM Overhauled Engine TBO Warranty:**
100% Engine and accessories for the 1st year, or 500-hrs, whichever occurs first. Thereafter, the engine only is warranted on a prorata basis to TBO at RAM's reduced minimum accrual rate of only 30 hours per month, thus extending coverage over four years. For complete details go to www.ramaircraft.com/ramtbowarranty
- **Exchange Core Policy:** Engine, crankcase, crankshaft, internal gears, exhaust, accessories, propeller, governor, and hardware items are only sold on an exchange basis, based upon the customer's exchange of like type and normal runout cores as removed from subject aircraft, and serviceable to RAM's overhaul specifications. Cores should be returned within 30 days of RAM OHE engine shipment, or immediately with a RAM installation.
Non-serviceable core fees will be due and payable to RAM.
- **Items not included:** Vacuum pump, tach generator, hoses, wastegate, exhaust risers and exhaust parts are not included unless specified by a RAM Work Order Supplement.
- **See RAM literature sheets:**
Value Options & Compliance Items
RAM OHE CMI TSIO-520 Engine Overhaul Specifications and Exchange Engine Core Policy.

Optional Parts and Engine Installation Items

- **Wastegate and actuator** - each - OHE: \$1,679 [Core Charge: \$275]
- **Engine shock mounts** - Engine set of (4) - new: \$828
- **Engine control cables** -Throttle, Prop, Mixture and Alternate air
RAM PMA new - each: Call
- **Induction boot** - CMI #642591 / RAM #1951-1 - each - new: \$431
- **Exhaust slip joint with hardware** - RAM PMA - each - new: \$343
- **Stainless steel exhaust risers** - PMA new - Engine set (2) - new: \$1,350
[Two risers at \$675 per side]
- **Fuel and oil primary hoses** - *Teflon*[™] - w /integral firesleeve.
Per engine - new: \$1,067
- **Propeller unfeathering accumulator** - Source for contaminating engine oil.
RAM recommends older accumulator be disabled unless replaced by a newer unit. Each - OHE: \$875 [Core charge: \$400]
- Upgrade from standard massive plugs to fine wire spark plugs. Per engine - new: \$870
- **RAM Parts Catalog** - Additional engine and installation parts. Ask for free copy.

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