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ENGINE SERVICE CLARIFICATION SHEET

EVERY ENGINE IS "BROKEN IN" ON MY PERSONAL BIKE

TO ENSURE QUALITY BEFORE SHIPPING BACK TO YOU

PRICING SCHEDULE

STOCK ENGINE REBUILD (EXCLUDES CARB WORK)

3 Speed CT70/Z50/Z50R/XR&CRF50/70 -- \$1300.00 + tax

4 Speed CT70H/SL70/XL70/CL70 -- \$1350.00 + tax

ATC70/TRX70 -- \$1365.00 + tax (Excludes Pullstarter Refurb, See Below)

Pull Starter Refurb – ATC70/TRX70 \$100.00 + parts (spring, rope, handle, decals etc)+tax

OEM CARB REBUILD

ADD \$125.00 labor + rebuild parts needed (\$40-60 generally) + tax

Sometimes it is a good idea to just purchase a new OEM carb when available. I can provide pricing on new options when appropriate

88cc Upbore For The OEM Stock Cylinder Head

ADD \$65.00 Raw Aluminum or I can paint HT black/Silver + tax

TBparts 88cc Aluminum Cylinder and matching piston for a stock OEM head

Thread Repairs / Welding / Machining

\$100/hr labor rate + parts & materials

- Drill outs for broken screws or studs
- Case Thread Repairs – Time-Sert inserts are used, not heli-coils
- Spark Plug Hole – Time-Sert inserts are used, not heli-coils
- Welding Repairs – TIG / MIG Welding

Carburetor Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Test and tune your rebuilt engine with my personal carb, airbox & Intake manifold setup • No carb cleaning service with base build cost – Must ADD this service to base cost and ship your carb and manifold with engine 	<ul style="list-style-type: none"> • New carb purchase option • Rebuild of your supplied carb (Ultrasonic + Vapor Hone + Carb Packing Parts) • Gaskets / Hardware / Heat Spacers • Fuel lines / inline filters

Cylinder Head Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Normal dirt/gasket removal • Multi-Stage cleaning with Vapor Honing as final step • New Valves (Int/Ex) • New Honda Valve Springs (Inner/Outer) • New Honda Tappet Screws/Nuts • New Honda Valve stem seal(s) • New Hardware/Screws 	<ul style="list-style-type: none"> • Removal of seized exhaust pipe in port • Bolt extraction/thread repair • RTV covered gasket surface • Paint Removal @ Head • New camshaft/rockers • Missing /Broken Parts • Worn Valve Guide = Remove & Replace • New covers, if broken

<ul style="list-style-type: none"> • Acorn nuts / thick sealing washers • High Quality Aftermarket Gaskets • New valve seats cut + & leak tested • NGK Spark Plug • D.I.D. Cam chain + New Roller(s) • Light Polishing of your OEM Round Cam Cover • New tappet covers • Valve lashes set to spec 	<ul style="list-style-type: none"> • Aftermarket Performance Cylinder Head /Parts / Carb
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Jug/Cylinder Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Normal dirt/gasket removal • New Aftermarket Aluminum Piston / Rings / Wrist Pin & Clips (Piston Sized to Bore Requirements) • Re-Boring + Honing of Cylinder Wall • Media Blasted Exterior and Proper Color Heat Resistant Paint & Clear • Spark Wire Clip/Holder (CT70) 	<ul style="list-style-type: none"> • RTV covered gasket surface • Excessive Grime • New OEM Honda Cylinder (49 or 72 cm3) • 88cc Aluminum Cylinder (52mm Bore Option)

<ul style="list-style-type: none"> • New Specialty Hardware • New Cam Roller Wheel • Gaskets 	
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Crankshaft Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Re-use of your OEM crankshaft assembly • Inspection of crankshaft & notification if concerns arise • Check and Re-true on bench center to OEM tolerances as needed 	<ul style="list-style-type: none"> • Repair to worn crankshaft assembly (Bearings, ConRod wear, threads, etc.) • Rebuild OEM Crankshaft • Replacement aftermarket crankshaft • Stroker Crank Upgrade

Engine Case (Aluminum Center Cases) Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Normal dirt/gasket removal • Complete Splitting of cases • New Transmission Radial Bearings • All threads chased with proper thread chaser tool (Not a tap) • Late model Case – trans Needle Bearings Inspected / ADD \$20 per 	<ul style="list-style-type: none"> • Scratch & defect removal - polishing of center cases • RTV covered gasket surface • Excessive grime • Paint removal on center case • Replacement of Jug/Cylinder head studs • TIG welding Repairs of Aluminum Casting

<ul style="list-style-type: none"> bearing if needed to be replaced • Multi-Stage Cleaning with Vapor Honing as final step (Satin finish) • New cam chain tensioner Plug & Oil drain Plug • New Zinc Case Screws • New Zinc Carb Drain Retaining Clip • New Plastic Plug @ Exterior Shift Drum Retaining Bolt • New Engine Seals • New Gaskets • New Crankcase Vent Hose 	<ul style="list-style-type: none"> • Thread repair @ footpeg bolt holes or 6mm case screw holes. • Replacement of faulty late model needle bearings @ transmission shafts
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Clutch Assembly Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Total breakdown and cleaning of clutch basket assembly / Inspection • New OEM Fiber Based Friction Discs • Heavy Duty Clutch Springs 	<ul style="list-style-type: none"> • Worn/Broken Clutch basket Parts • Missing Parts • New Metal clutch disc plates (Friction Discs are replaced in base charge, Metal Discs are upcharge if needed) • Drive gear behind basket

<ul style="list-style-type: none"> • New Clutch Basket access cover gasket and screws 	<ul style="list-style-type: none"> • Bronze bushing • Switching from semi-auto to manual clutch or vise versa • Heavy Duty Complete clutch basket assembly for race head kits
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Right Side Clutch Cover Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Normal dirt/gasket removal • Media Blast and Repainting of your cover with Honda Cloud Silver • New Seals • New Gaskets • New clutch adjustment stud, oring, nut, washer • New Zinc Case Screws • 3 Speed semi – New external clutch adjustment stud • New CT70H/SL70/CL70 Model External Clutch Cable Arm 	<ul style="list-style-type: none"> • RTV covered gasket surface • TIG Welding Repairs • Filling of deeper scratches before painting cover – If desired extra labor charge • Polishing of entire aluminum clutch side cover

Oil Pump Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none">• Re-use OEM Pump or New Quality High Volume Oil Pump if wanted (OEM Honda is discontinued)• New Oil Pump Cam Chain Sprocket• New Gaskets• Cleaning of OEM filter screen or replace if torn	<ul style="list-style-type: none">• N/A

Kickstart Shaft Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none">• New kickstart shafts on manual and semi auto engines	<ul style="list-style-type: none">• Chrome Kickstarter lever• Kickstart lever rubber

Shifter Shaft Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none">• New shifter shafts on semi auto engines• Brass Wheel Cleaning of original splines on manual clutch shafts	<ul style="list-style-type: none">• Chrome Shifter Foot lever• Shifter lever rubber

Transmission Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none">• Re-Use of your transmission Gears/Main & Secondary Shafts/Assemblies• Inspection of your components (Gears, Drum, Primary Gear)• Brass wheel cleaning of external spines of output shaft• New OEM Honda Left & Right Shift Forks and Shift fork Pins installed – ALWAYS REPLACED	<ul style="list-style-type: none">• Broken / Worn hard items (Ex. Gears/shafts)• Output shaft drive sprocket (Aka front sprocket) – I can supply front sprocket if desired• Conversions – 3 speed to 4 speed or vice versa

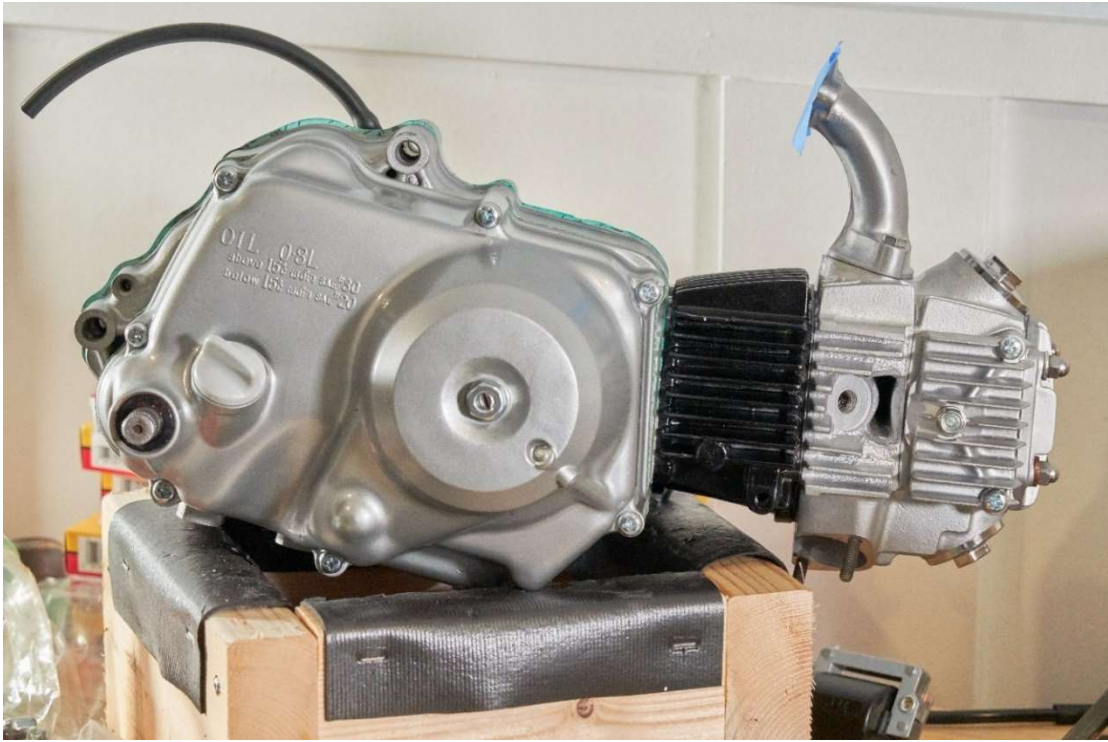
Stator & Flyhweel Scope

INCLUDED	UPCHARGE
<ul style="list-style-type: none">• Rebuild of your stator with new, quality aftermarket Kit (Primary & Lighting coil, condenser, point, hardware, o-rings, seal)• Vapor honing of All Flywheels and Re-lubricating of	<ul style="list-style-type: none">• Replacement of faulty/damaged flywheel• Thread repair at flywheel or repair needed to pull flywheel• 6v CDI upgrade kit - available option

<p>CT70H/SL70/CL70 spark advancing mechanism</p> <ul style="list-style-type: none"> • New Flywheel Nut/Washer • Spark timing set with dynamic timing light • Reuse of your neutral switch components (Certain models) • Replacement of crankshaft key if needed 	<p>(Capacitor Discharge Ignition) in lieu of point setup</p>
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Flywheel “Left Side” Cover Scope

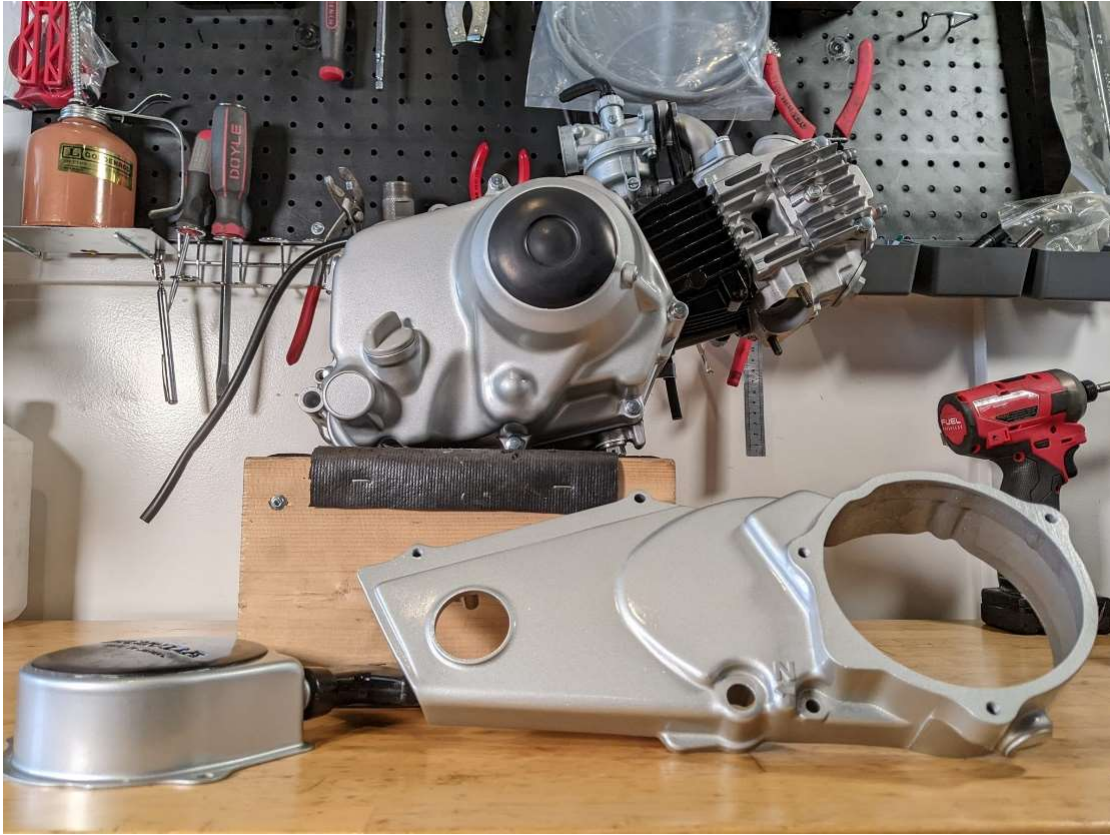
INCLUDED	UPCHARGE
<ul style="list-style-type: none"> • Refurbishing of your supplied Honda cover (Media blast, paint main body, polish round emblem and black paint Honda lettering) • Securement screws 	<ul style="list-style-type: none"> • New/Missing Cover parts



EXAMPLE - MANUAL CLUTCH ENGINES - CT70H, SL70, XL70, CL70



EXAMPLE - ATC70 & TRX70 Engines



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