

PIONEER TRAINING

2 cycle engine operating upside down

hammer piston stroke cylinder w/ engine piston

12:1 gas:oil mixture lubricate needle bearings

Part that blows exhaust to cause hammer piston to return stays up, causing piston to itop: engine closed

250 rpm rotating bit - wait torque operator - locate cutting edges to new location

Keep hand away from exhaust

Flywheel doubles as air-cooling fan - because of keeping stuff away from inlet

NO SMOKING (Doh)

3 Stage repair - starting mechanism, lower ^{housing} ~~end~~, top end

Drill adjustment - down is for drilling

up is for "breaking"

sideways is for repairing - Avg speed circle etc.

Starter Mechanism - take dt slowly b/c spring is still charged - wrap thumb around spring

- MAKE SURE YOU ALWAYS GUIDE Starter handle BACK TO HOUSING, otherwise pliers will bend spring or snap it
- Straighten spring when it is bent
- Check 2 nuts for tightness (they can work loose)
- Check that all 4 bearings fall into detents
- Putting spring back in - it's all in the thumb - has a lot of power, so make sure you stay in control
- Oil w/ 30w non detergent - just a dot every inch or so
- Grease needle bearing inside starter plate
- Make sure spring fits over post on starter plate
- Charge spring by rotating 3/4 of a turn after pulling on spindle (rotate "3 holes") - this keeps pull cord from hanging down

Throttle control shut-off - cuts off fuel/air mix from engine, so it stops running
AKA "kill" switch

slot in cylinder lines up w/ diagonal screws

Carburetor - "needle and seat" type - pretty simple

- loosen set screw and unscrew knob
- clean at gunk
- unscrew seat element to check jet is clear, O-ring in good shape

↑ 13mm

(CCW)

To adjust: paper is 1/2 turn off seat on top screw to start - then fine-tune
(make sure slot d/s more while you are tightening nut)

Air-cleaner/choke cups - wash in dish detergent + dry overnight

Take off handle (top end):

check read valves - should be tight, no movement when tapped

Top parts ^{of reads} should be gapped w/ cleaning rod

Check fuel filter position by just putting a little gas in tank & then blowing into filler neck - gas will flow out of fuel line

Replace gasket (paper) - they're cheap (\$1.50)

Lower end (21mm bolts)

• Put adjuster in horizontal ("neutral") position

• Undo bolts, remove lower end, tap to get gears, etc. to fall out of housing

Rotating mechanism:

pop off cover w/ screwdriver

when valves are far to the right, need replacing (valves keep drill rotating in 1 direction)

Hammer piston - pull out (overcome vacuum) - check rings for wear, sharpness (check of bevel) ^{Keeping air filter}
clean valves wear on these

- Check 4 parts for carbon buildup in cylinder
put probe up exhaust channel until you can see it in cylinder port
- Also check exhaust pipe for carbon
- Oil cylinder liberally
- Re-seat hammer piston in cylinder w/ heel of hand - NO HAMMERS!!!
- Put an reticulating mechanism (in angled grooves)
- Put back an O-ring (pull out bottom & let it fall into groove)
- Put on bottom housing - tighten bolts alternately

Spark plug - BOSCH W78C

PERF. EVAL 4/09/08 - Document ON COCOWEB - MAY BE INTERVIEWED soon
development, goal-setting

Use not only for evaluation, but to set expectations, plan, etc.

Break PD in to main focal areas

- identify goals in these areas
- " " " " " " " "

Generate 1st draft, go thru together, make rec. & IS

COLLABORATIVE PROCESS

SET TIME FOR 1 YEAR, CHECK IN QUARTERLY (calendar created) ↙

MERIT INCREASES HAPPEN AUTOMATICALLY (2/4/08) UNLESS HR IS CONTACTED - correlate planning to this schedule

- * Action
- * PD
- ⇒ * Olivia's Journal
- * Jenny Rizzo

A: USE COMMENTS SECTION TO SUPPORT RATINGS IN ABOVE SECTION

B: NET SKILLS - use. Used only for supervisory positions

C: STANDARDS

SMART: Do you test, but some are not quantifiable - aim for a mixture

* MAKE FIELD PRESENCE TRACKING MECHANISM