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INSTALLATION INSTRUCTIONS

OIL COOLER

Model: TXT 94 — Current



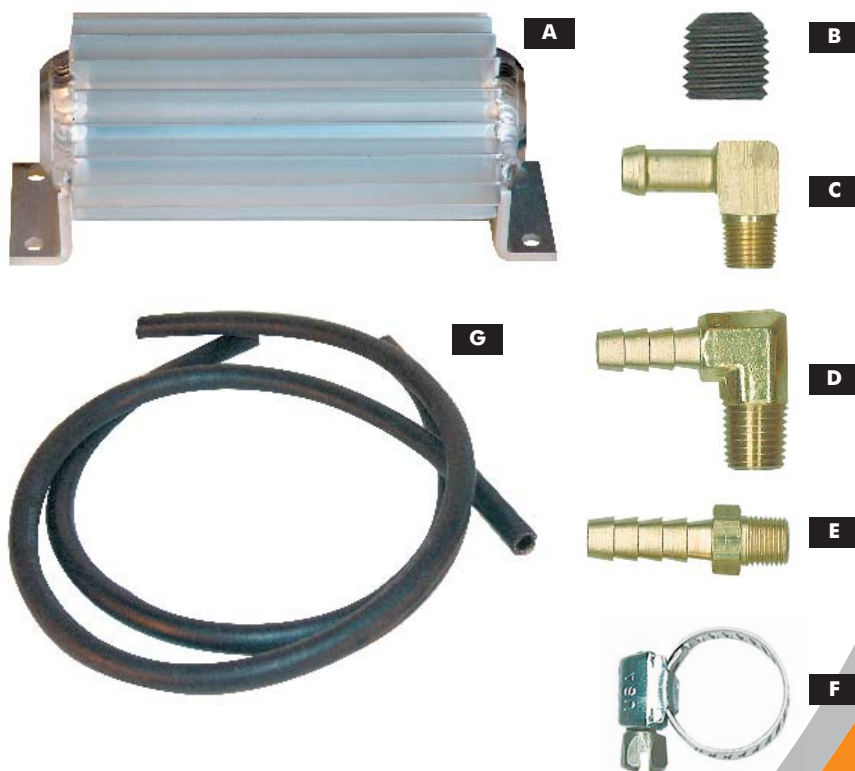
E-9-100

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KIT CONTENTS

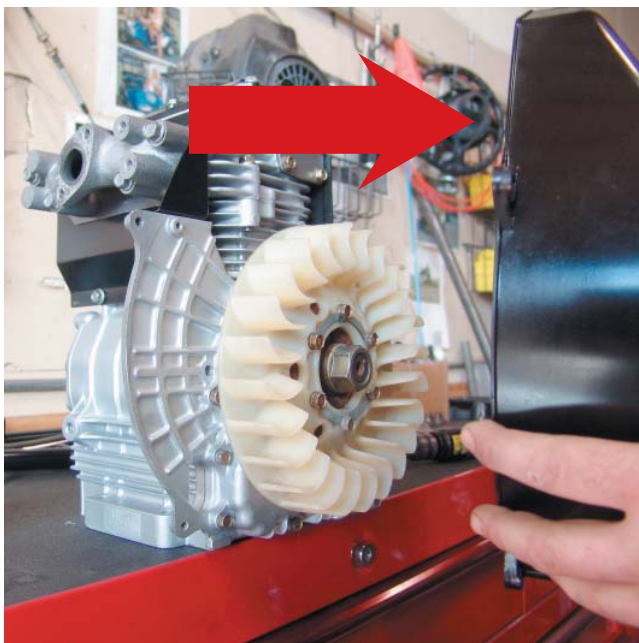


ID	Qty	Description
A	1	Oil Cooler
B	1	Allen Plug
C	1	1/8" — 27 Fitting 90°
D	2	3/16" — 27 Fitting 90°
E	1	1/8" — 27 Straight Barb Fitting
F	4	Hose Clamps
G	2	5/16" Oil Line Hose

WHY INSTALL AN OIL COOLER?

Overheated oil causes engine damage! The purpose of oil is to lubricate and cool the engine. When oil overheats it quickly loses its cooling and lubrication abilities. Overheating caused accelerated engine wear, which decreases engine and component life.

ASSEMBLY

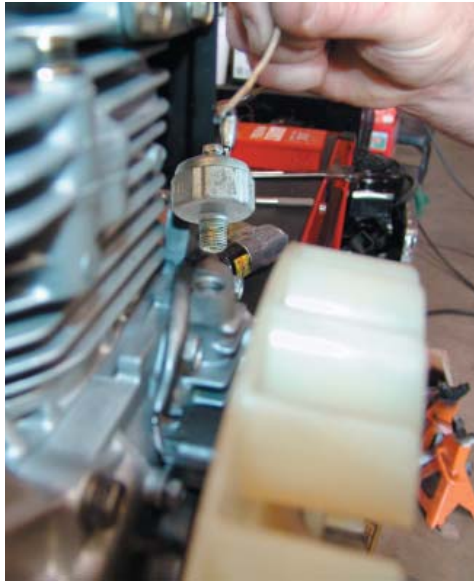


STEP 1:
Remove fan
shroud.



STEP 2:
At top of
shroud,
notch a
1/2" wide
opening.

ASSEMBLY

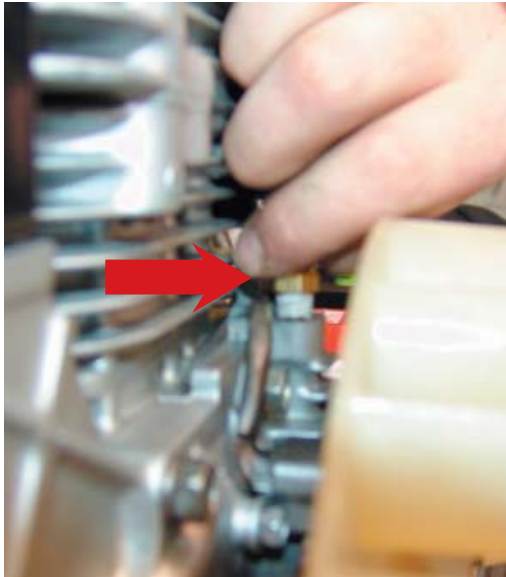


STEP 3:
Remove
oil
sending
unit.



STEP 4:
Add Teflon tape to
threads of 1/8" - 27
straight barb fitting.

ASSEMBLY



STEP 5:
Install 1/8" - 27
straight barb fitting
(E) into oil sending
port. Make sure
threads in port are
clean.



ASSEMBLY



STEP 6:
Remove valve cover.

ASSEMBLY



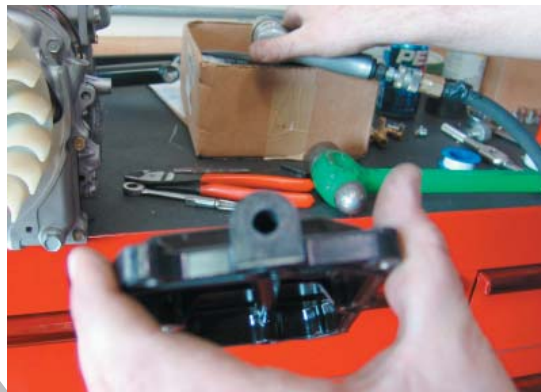
STEP 7:
You will center punch a
hole in the valve cover
on the fill side.

ASSEMBLY



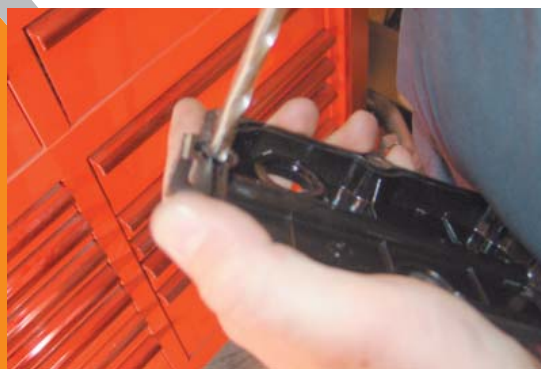
STEP 8:

Using a starter drill bit, drill down 3/8" into valve cover where you centered punched. Then, repeat above with a 21/64" drill bit.



STEP 9:

Clean out hole, make sure there is no shavings in newly drilled hole in valve cover.



STEP 10:

Flip valve cover over, inside facing you and carefully remove gasket. Using same 21/64" drill bit, drill out oil port on fill side of cover.

ASSEMBLY



STEP 11:
Take a 1/8" - 27NPT
tap, and tap both
newly drilled holes.



STEP 12:
Add Teflon tape to
threads of 1/8" - 27
fitting 90° (C), then
install into valve
cover newly drilled
and tapped hole.

ASSEMBLY



STEP 13:
Flip valve
cover over,
inside facing
you. Insert
Allen plug (B)
into newly
drilled hole.

NOTE:
THIS IS
A VERY
IMPORTANT
STEP, THIS
REDIRECTS
OIL THROUGH
THE OIL
COOLER.

Allen plug. (B)

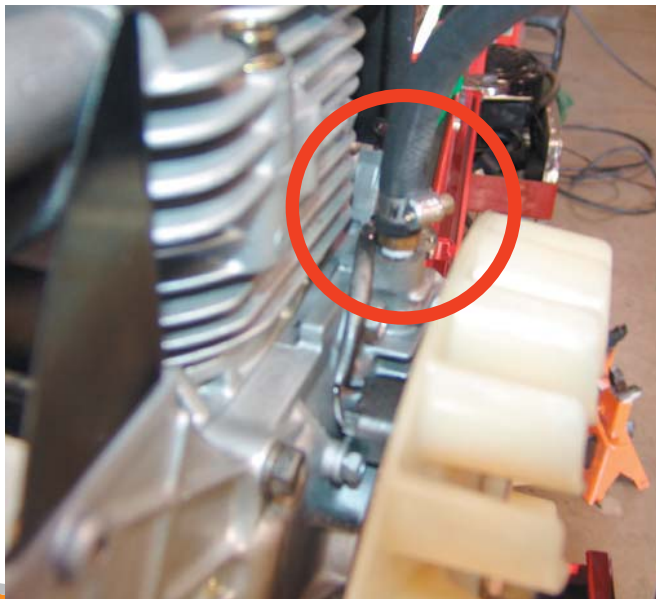


STEP 14: Once the Allen plug is in, carefully reinstall gasket.

ASSEMBLY



STEP 15:
Reinstall
valve cover.



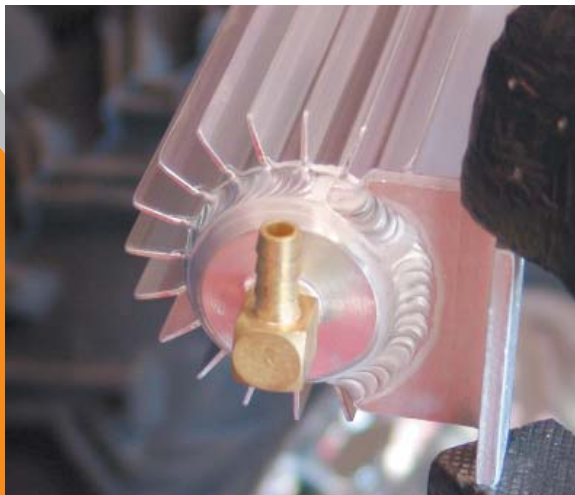
STEP 16:
Attach 5/16"
Oil Line Hose
(G) to 1/8"
-27 straight
barb fitting
using a hose
clamp supplied.
Tighten hose
clamp snugly,
but do not over
tighten as to
break clamp.

ASSEMBLY



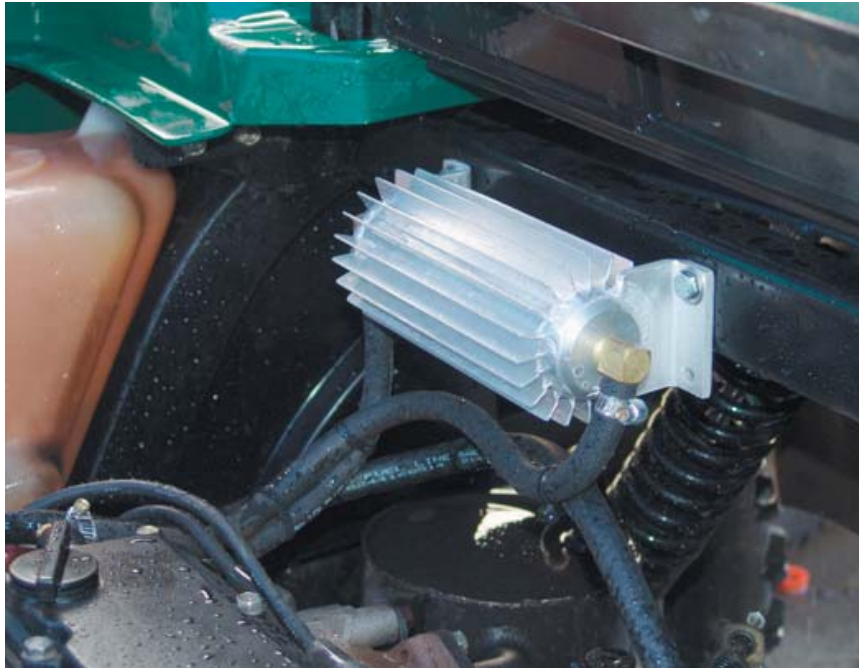
STEP 17:
Reinstall fan shroud, making sure to run 5/16" oil hose through notch in shroud.

Now connect 5/16" oil line hose (G) to the 1/8" -27 90° fitting. (C) On side of the valve cover.



STEP 18:
Add teflon tape to the threads of both large 3/16" 90° fitting (D). Remove protective caps on both sides of the oil cooler. Install each large 3/16" 90° fitting into each side of the oil cooler.

ASSEMBLY



STEP 19:

When installing the oil cooler to the golf cart, we leave that up to you the customer. In the photo above we've mounted the oil cooler to the golf cart frame. Once the oil cooler has been mounted, you can now hook up the 5/16" oil line hoses (G). Either oil line hose can be hooked up to either end of the oil cooler. Tighten hose clamps snugly.

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