



2013-2017
DYNA MODELS
Installation
Guide

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TOOLS REQUIRED:

DRIP PAN / SOMETHING TO COLLECT

SMALL AMOUNT OF OIL

H.D. OIL FILTER WRENCH 3" OR

FILTER STRAP WRENCH.

SOCKETS / DEEP WELL 7/8"

EXTENSION FOR SOCKET

ALLEN WRENCH

5/32"

9/16" OPEN END WRENCH

2 X 11/16" OPEN END WRENCHES

PLIERS & SNIPS - RECOMMENDED

STEP 1

REMOVE OIL FILTER
USE 3" FILTER WRENCH
PLACE DRIP PAN
BELOW TO CAPTURE
ANY OIL THAT MAY
LEAK WHILE YOU
TAKE OFF THE FILTER



STEP 2

REMOVE NUT:
USE A 7/8" SOCKET.
DISCARD NUT,
YOU WILL REPLACE
WITH OIL BUD
NUT FROM ADAPTER



STEP 3

INSTALL 45° JIC FITTING ONTO
INNER HALF OF THE ADAPTER PLATE -
JUST 'SNUG' FOR NOW. YOU WILL
COME BACK AND TIGHTEN ALL
FITTINGS.

INSTALL O-RING ON THE INSIDE
FACE OF THE INNER HALF OF THE
ADAPTER PLATE. / USE A BIT OF
GREASE OR SOME OIL TO HOLD
THE O-RING IN PLACE & TO
OBTAIN A BETTER SEAL.



STEP 4

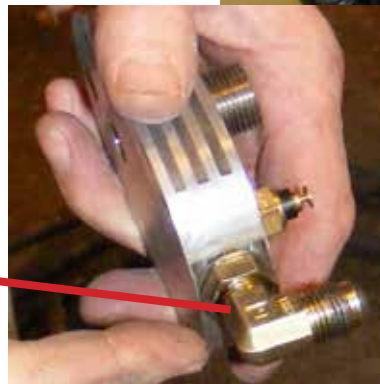
INSTALL THE INNER
HALF OF THE ADAPTER
PLATE W/ A FINAL TORQUE
OF 40 FOOT POUNDS



STEP 5

MAKE SURE THE O-RINGS
ARE IN THE ADAPTER,
BOTH THE SMALL & LARGE
ON OTHER SIDE OF ADAPTER
ARE IN PLACE.

INSTALL 90° FITTING
ONTO OUTER HALF
OF THE ADAPTER PLATE



STEP 6

KEEPING THE O-RINGS IN PLACE - INSTALL
THE ALLEN BOLTS, INCLUDING THE LOCK
WASHERS. THE TWO LOWER ALLEN BOLTS
ARE THE SHORTER OF THE TWO SETS (1")

**TIGHTEN THE ALLEN BOLTS IN A
BALANCED MANNER. THE BACK
SIDE OF THE ADAPTER PLATE MAY
REQUIRE A SHORT ALLEN WRENCH
W/ A 90° ON IT - TO GET AROUND
THE EXHAUST.**

***ALTERNATE SO THE PLATES COME
TOGETHER EQUALLY***



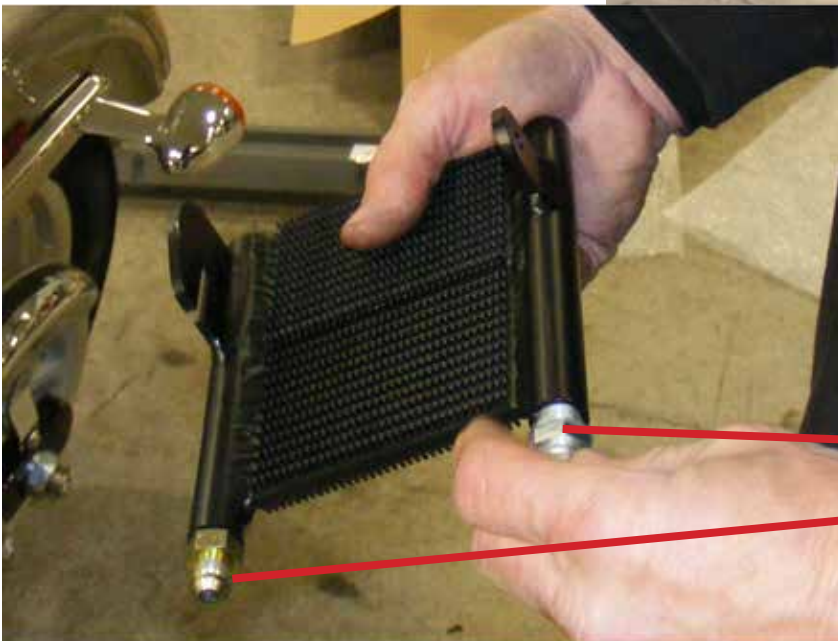


STEP 7

REMOVE THE LOWER
FRONT MOTOR MOUNT
BOLT.
PLACE THE WASHER IN
FIRST.

STEP 8

WITH THE BACK HOSE
ON THE FRONT
COOLING ELEMENT-
MAKE SURE THE TAB
IS ABOVE THE FRAME.
MAKE SURE THE
WASHER IS IN PLACE.
*LEAVE LOOSE FOR NOW



STEP 9

ADD FITTINGS TO BACK
OF THE COOLING
ELEMENT.
45° JIC
STRAIGHT JIC

STEP 10

RUN THE LONG HOSE OVER THE FOOT PEGS TOWARD THE BACK COOLING ELEMENT. KEEP THE LONG HOSE ABOVE THE FRAME. WATCH OUT FOR WIRES & DYNA SWING ARM



STEP 11

MOUNT REAR ELEMENT WITH LEFT SIDE BOLT. HANG IT LOOSE TO ATTACH HOSES. (FINGER TIGHTEN). WHEN YOU HAVE THE HOSES LOOSELY ATTACHED, USE THE 2" ALLEN BOLT & SPACER THAT IS PROVIDED WITH THE KIT. MAKE SURE THAT THE .5" ALUMINUM SPACER IS IN BETWEEN THE SIDE RAIL & THE REAR COOLER SLOT.



MOUNT HERE



***LOCK WASHER ABOVE NOT SHOWN HERE**



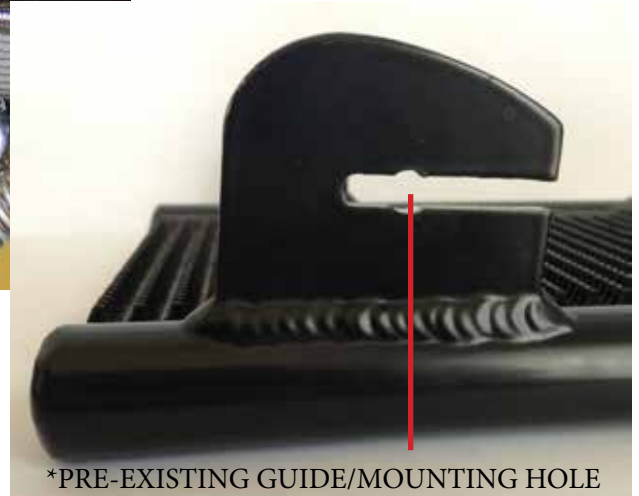
STEP 12

LIFT UP, LEVEL AND ALIGN ELEMENT
CHECK FOR CLEARANCE BETWEEN HOSES AND ENGINE.
WHEN ALIGNED AND CLEAR, MARK THE LUG ON THE RIGHT SIDE USING THE PRE-EXISTING
GUIDE HOLE ON THE ELEMENT FLANG.



LET THE ELEMENT HANG AND DRILL THROUGH LUG AT
MARK. USE A 17/64" OR 1/4" DRILL BIT. (17/64" FOR MORE
WIGGLE ROOM).

WHILE THE ELEMENT IS LOOSE AND HANGING, TIGHTEN
HOSES COMPLETELY.
TIGHTEN AND SECURE THE REAR ELEMENT MOUNTING
BOLTS.



STEP 13

INSTALL HOSES ON THE FITTINGS
ON THE FRONT COOLING ELEMENT.

*SHORT HOSE USE 45° TO 45°

*USE PROVIDED ZIP TIES TO FASTEN HOSES SECURELY.





THANKS FOR PURCHASING THE OIL BUD™
OIL COOLER.

AFTER THE UNIT IS COMPLETELY INSTALLED:

CHECK THAT NO LUBRICANT GETS ONTO THE REAR
TIRE, WHEEL OR BRAKES WHEN CHANGING FLUID.

TRACTION CAN BE ADVERSELY AFFECTED,
WHICH COULD RESULT IN LOSS OF CONTROL OF
THE MOTORCYCLE AND DEATH OR SERIOUS INJURY.

AFTER YOU HAVE COMPLETED THE OIL BUD™

INSTALLATION ON YOUR DYNA MODEL.

MAKE SURE YOU HAVE TIGHTENED EVERY CONNECTION

COMPLETELY. REPLACE OIL & CHECK THE LEVEL.

START THE MOTORCYCLE AND CHECK FOR LEAKS.

CHECK OIL & ADD IF NEEDED. BRING MOTORCYCLE

UP TO OPERATING TEMPERATURE.

CHECK OIL AGAIN.

CHECK FOR LEAKS ON ALL OIL BUD™ CONNECTIONS.