



2006-2010

HARLEY-DAVIDSON®

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 1 1/16" 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:

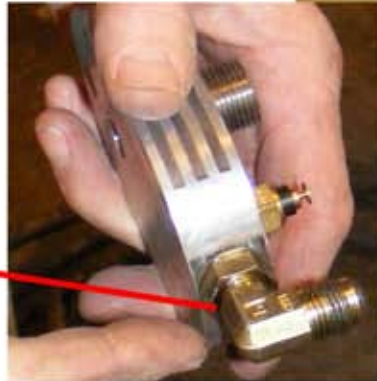
INSTALL THE INNER
HALF OF THE ADAPTER
PLATE W/ A FINAL TORQUE
OF 40 FOOT POUNDS



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

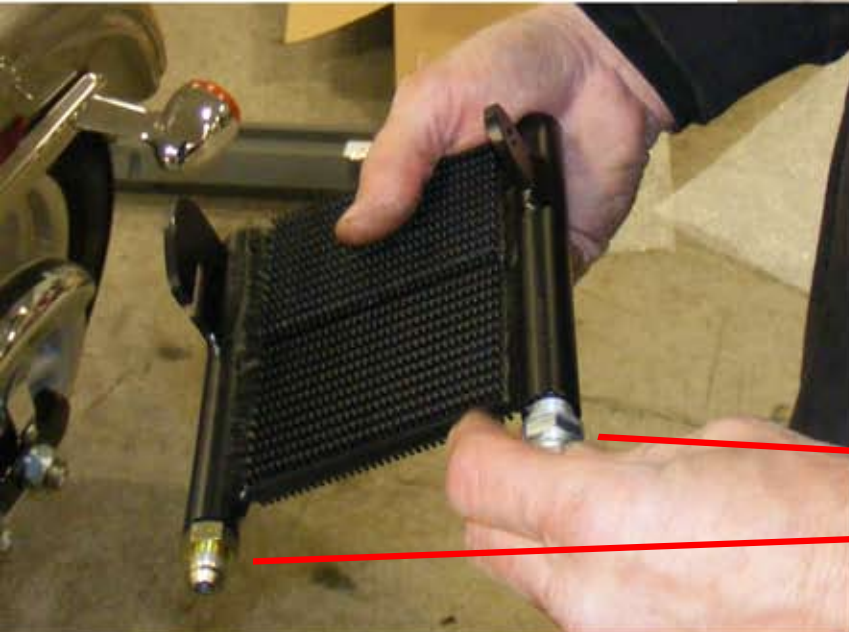
STEP 8:

WITH THE BACK HOSE ON THE 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



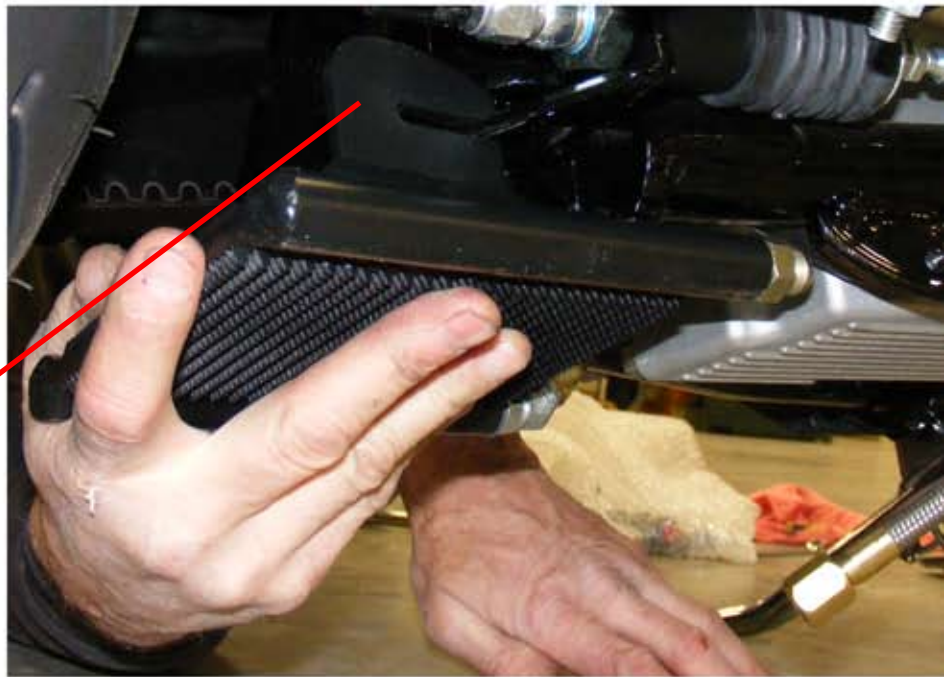
STEP 10:

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



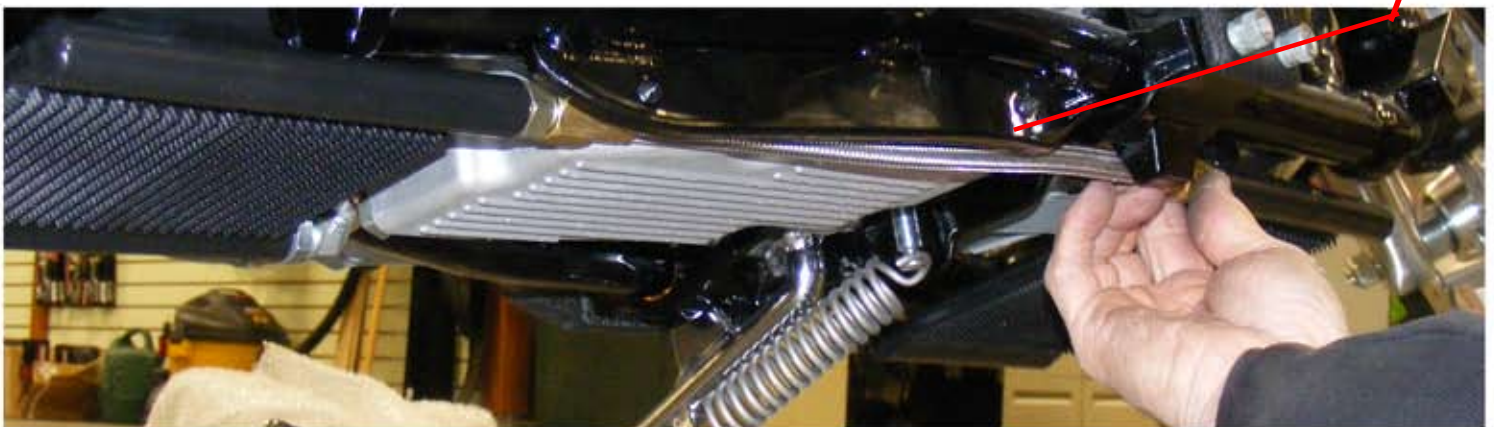
STEP 11:

WITH THE FITTINGS IN PLACE ON THE BACK ELEMENT FIT THE SLOTTED BRACKET OVER THE REAR OF THE FLANGE.



STEP 12:

RUN THE SHORT HOSE LIKE THIS - WATCH OUT FOR OBSTRUCTIONS. LEAVE THE FITTINGS LOOSE FOR NOW.



STEP 13:

WHEN YOU HAVE THE HOSE LOOSLY ATTACHED, AND THE REAR SLOTTED BRACKET IN PLACE. GRAB 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.

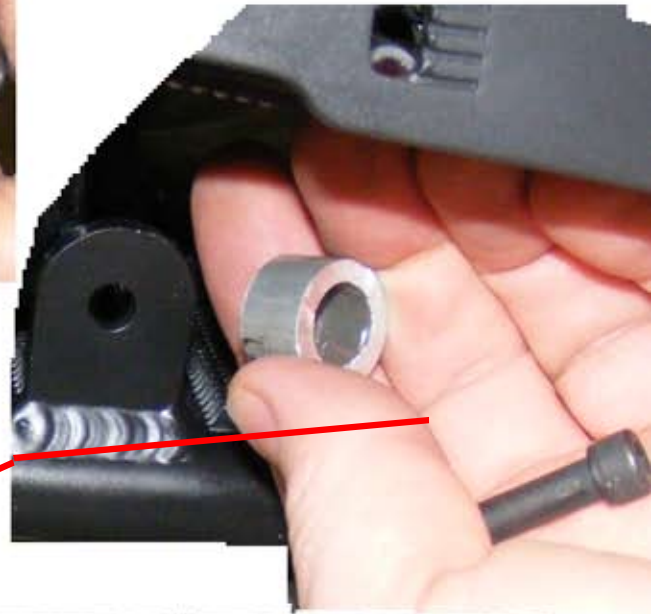
STEP 14:

INSTALL HOSES ON THE FITTINGS ON THE FRONT COOLING ELEMENT.

*SHORT HOSE USE 45° TO 45°



** LOCK WASHER NOT SHOWN*



USE PROVIDED ZIP TIES TO FASTEN HOSES SECURELY.



AFTER THE UNIT IS COMPLETELY INSTALLED:

WARNING

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.

THANKS FOR PURCHASING THE OIL BUD™ OIL COOLER.

BUDSBIKERPARTSINC.