



Installation Instructions for CatClamp Maximum security kit Part/Kit #CCM22527514X4



Application: Double Clamp Kit protects the easily accessible one piece DPF on Isuzu 5.2 Diesel engines from being illicitly removed in seconds with a cordless reciprocating saw. It creates a durable cage around each component and locks it to the chassis of the vehicle 4 times. This all stainless steel kit is designed to last the life of the vehicle. This kit has a limited money back guarantee for the life of the vehicle when properly installed and registered for warranty through JAM-CJ Innovative Products. See warranty card in original package for details.

Remove keys from ignition, keep them with your person and lock doors of the vehicle before proceeding to the installation instructions, wear safety glasses and follow common mechanic safety protocol at all times, especially when raising the

Purchaser assumes the risk of installing this aftermarket component to their vehicle. JAM-CJ Innovative Products LLC cannot be held liable for any damages of any kind incurred to the purchaser, the purchaser's vehicle or any consequential damages arising from the purchase installation, use or misuse of the CatClamp. The CatClamp is not intended for off road use.

JAM-CJ Innovative Products LLC.

362 N. Westwood Ave. Toledo, OH. 43607

419-478-1313

WWW.CATCLAMP.COM

PARTS



CLAMP TOP
Part# CCMTc
QTY 2



CLAMP BOTTOM
Part# CCMBc
QTY 2



CLAMP INSERTS (4)
Part# CCM225I
QTY 2 Front Clamp
Part# CCM275I
QTY 2 Rear Clamp



TEMPORARY NYLON ASSEMBLY PLUGS
Part# CCMTNAP
QTY 8



BOLT
Part# CCMTB
QTY 4



WIRE ROPE, WELDED ENDS AND CHASSIS PROTECTION
Part# CCHDC375X14
QTY 4 Wire Rope
QTY 4 Rubber Hose



WIRE ROPE RETAINING SPRING
Part# CCWRRS
QTY 4

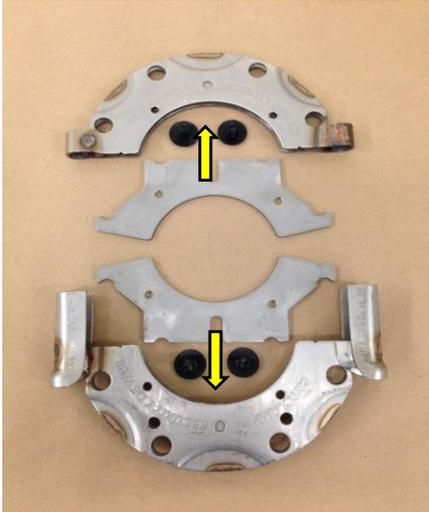


HEAVY DUTY WIRE TIES
Part# CCHDWT
QTY 2

1

PRE-ASSEMBLE CLAMPS (2x)

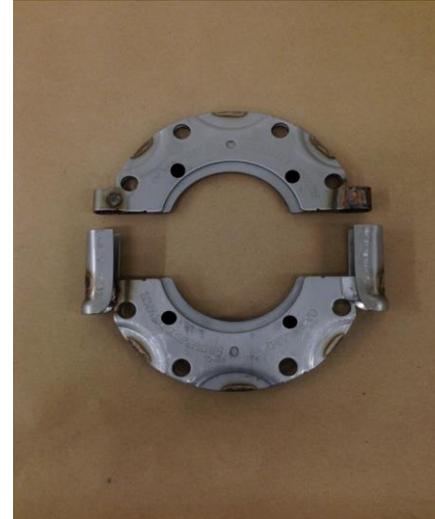
One 2.25" Clamp- Front and one 2.75 " Clamp- Rear are required for this kit installation. Assemble inserts to Top and Bottom Clamp halves with temporary nylon assembly plugs.



One Clamp with 2.25" inserts (Front) and one Clamp with 2.75" inserts (Rear)



***Allow vehicle exhaust to cool at least 1 hour, make sure pipe, brackets and componets are cool to the touch before proceeding. Wear safety glasses.**



2

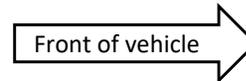
PLACE CLAMPS ON EXHAUST SYSTEM (2x)

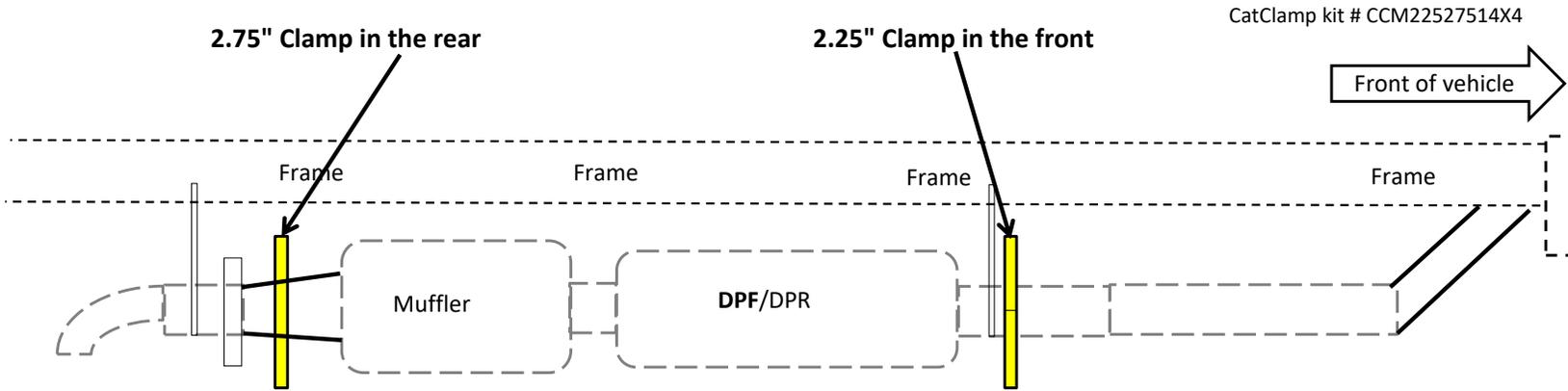
Assemble top and bottom halves of Clamp around exhaust pipe in the areas illustrated below in FIG 1 and 3. **TIGHTEN BOLTS EQUALLY AND HAND TIGHTEN ONLY AT THIS TIME.**

FIGURE 3



FIGURE 1





3

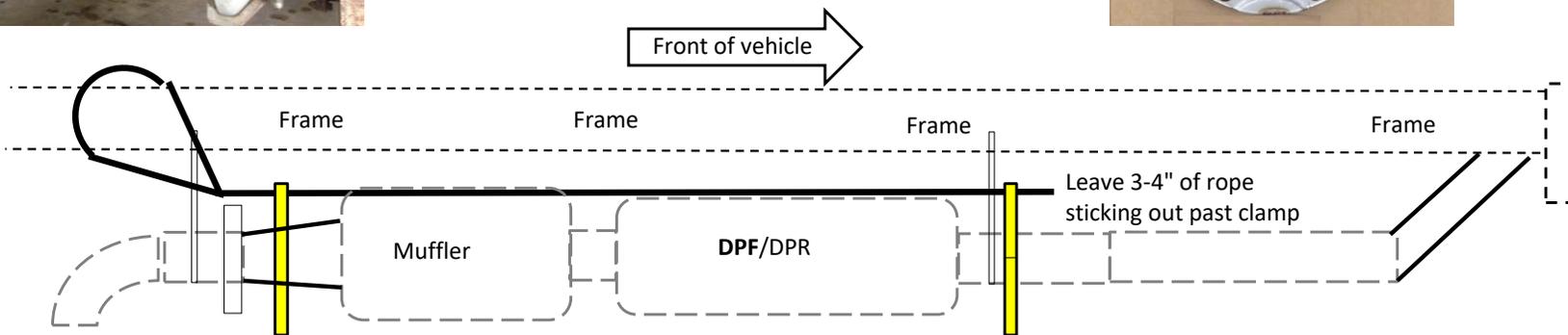
INSERT WIRE ROPE THROUGH RUBBER CHASSIS PROTECTOR & AROUND FRAME RAIL , THROUGH CLAMPS FROM REAR (2x)

Route 1 wire rope over frame rail in rear until rubber chassis protector is centered over frame (FIG 4) . Route the ends of the rope through clamp holes in the 11:00 and 1:00 positions in the rear and front clamps, *think of the clamp as the face of a clock looking from the rear of the vehicle* (FIG 5)

FIGURE 4



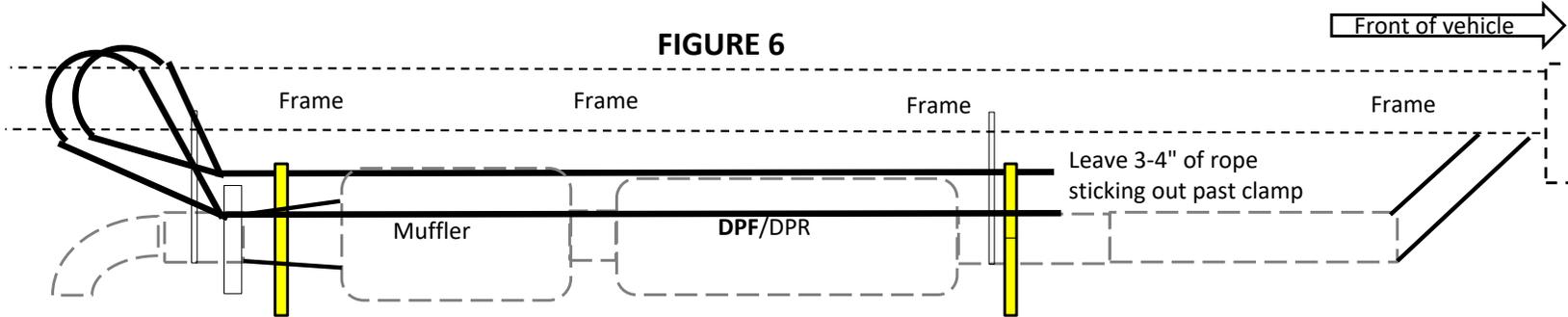
FIGURE 5



Be sure wire rope isnt making contact with Fluid lines, electrical wiring or sensors

Repeat Step 3 for the other two wire ropes @ the 10:00 and 2:00 (FIG 6)

CatClamp kit # CCM22527514X4



Be sure wire rope isnt making contact with Fluid lines, electrical wiring or sensors

4

INSERT WIRE ROPE THROUGH RUBBER CHASSIS PROTECTOR & AROUND FRAME RAIL ,THROUGH CLAMPS FROM FRONT (2x)

Route 1 wire rope over the frame rail in the front until rubber chassis protector is centered over rail (FIG 7) . Route the ends of the rope through clamp holes in the 8:00 and 4:00 positions in the front and rear clamps, *think of the clamp as the face of a clock looking from the front of the vehicle* (FIG 8)

FIGURE 7

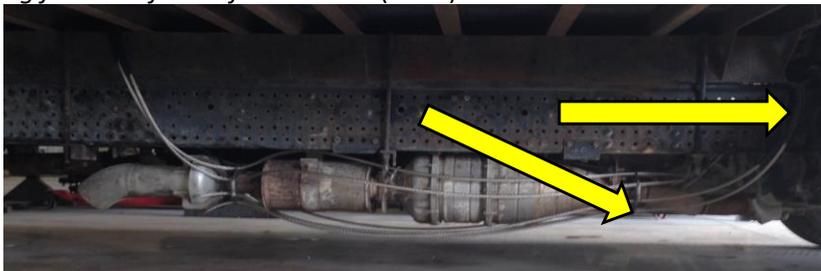
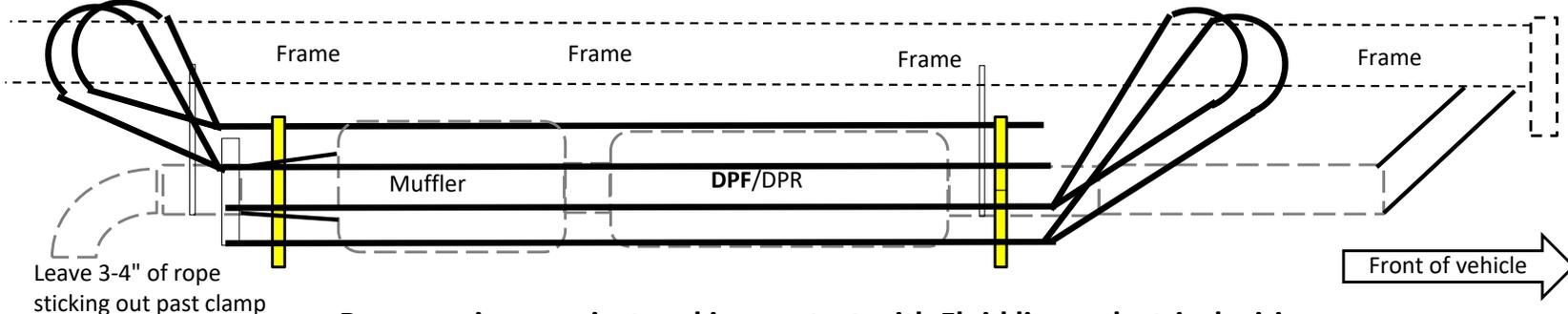


FIGURE 8



Repeat Step 4 for the other two wire ropes @ the 5:00 and 7:00 positions (FIG 8 &9)

FIGURE 9

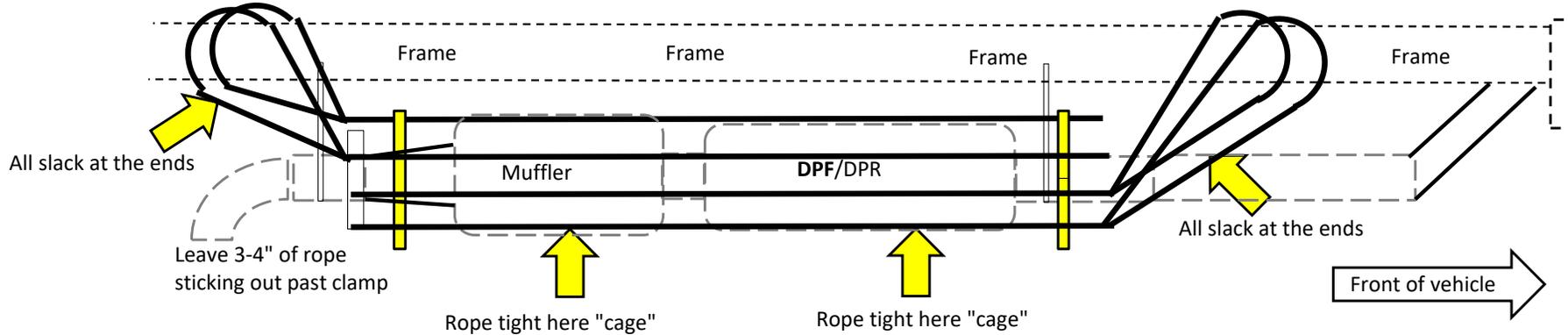
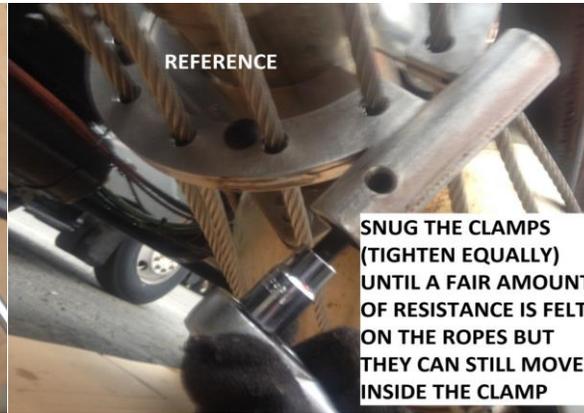
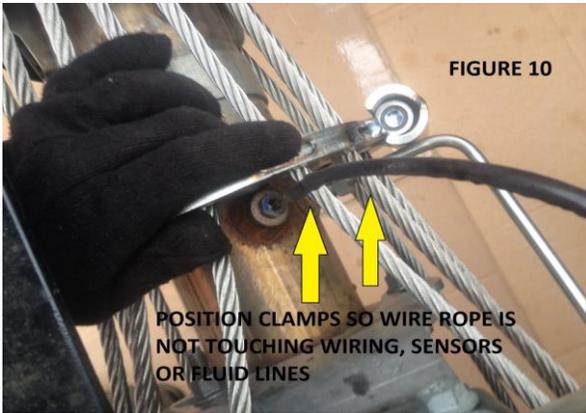


Leave 3-4" of rope sticking out past clamp

Be sure wire rope isnt making contact with Fluid lines, electrical wiring or sensors

5 * VERY IMPORTANT, FAILURE TO DO STEP 5 WILL VOID WARRANTY, PLEASE READ* POSITION, SNUG UP CLAMPS, PULL SLACK FROM WIRE ROPE

Position Clamps so wire rope is not touching any wiring, sensors or fluid lines (FIG 10), also be sure clamps are at least 3/4" from any part of the chassis or drive train of the vehicle. Snug up both clamps to the point there is a fair amount of resistance exerted on the wire rope but rope can still be pulled through Clamps with adjustable pliers. Pull all slack from between the front clamp and the rear clamp, "the cage" using Adjustable pliers (FIG 11)



Be sure wire rope isnt making contact with Fluid lines, electrical wiring or sensors

6 TORQUE CLAMPS

Double check Clamps and rope to make sure they are not touching any wiring, sensors or fluid lines (FIG 10), also be sure clamps are at least 3/4" from any part of the chassis or drive train of the vehicle. Tighten bolts equally to 12 Ft Lbs.

SECURE EXTRA WIRE ROPE

CatClamp kit # CCM22527514X4

7

Secure any loose wire rope at front and rear frame rails with heavy duty wire ties (FIG 12 & 13)

FIGURE 12

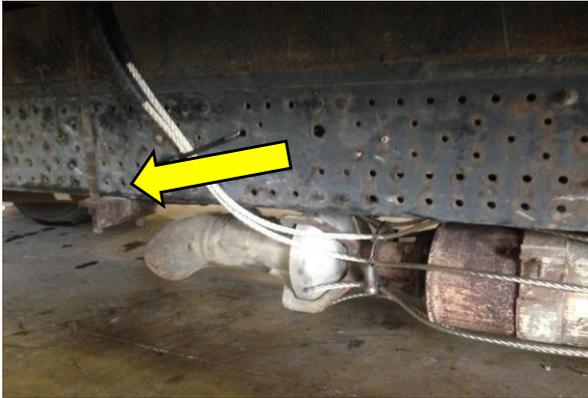
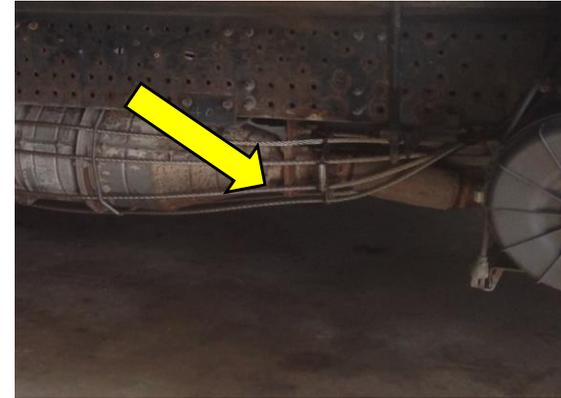


FIGURE 13

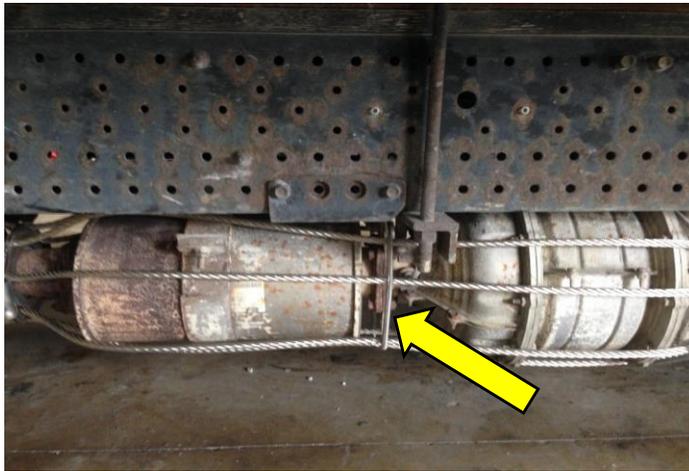


INSTALL WIRE ROPE RETAINING SPRINGS

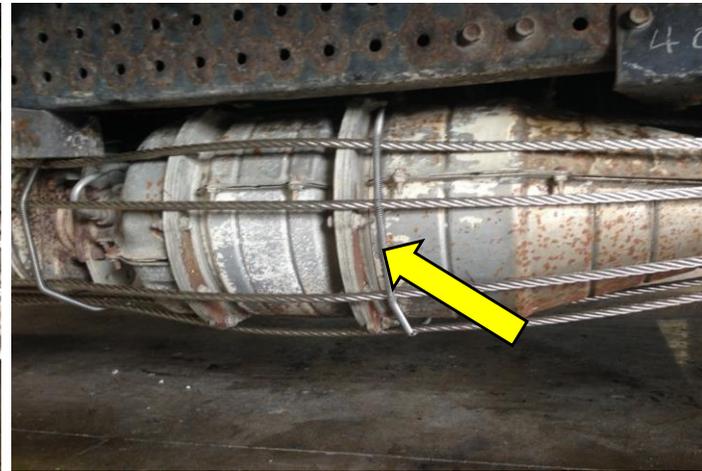
8

Install retaining springs around DPF in two areas (two springs hooked together, end to end). (FIG 14) **WEAR SAFETY GLASSES**

FIGURE 14



REAR



FRONT

Installation is complete!