



C-32 SUBKIT

GM 3500 HD

WARNING!! BRAKE, FUEL, AND ELECTRICAL LINES MAY NEED TO BE LOOSENED OR REPOSITIONED TO PROVIDE CLEARANCE FOR NEW HARDWARE. ALL MODELS REQUIRE MODIFICATION OR REMOVAL OF HEAT SHIELDS

INSTALLATION STEPS

(BOTH CROSS ARMS SHOULD BE INSTALLED IN FRONT OF THE TWIN BED SUPPORTS)

1) ON THE DRIVERS SIDE OF THE VEHICLE MOVE THE BLACK ELECTRICAL SLEEVE BELOW THE FENDER WELL AND LAYOUT A 1/2" X 3" RECTANGLE, (BE CAREFUL NOT TO CUT INTO BOTTOM OF TRUCK BED.) THREE INCHES IN FRONT OF THE TWIN BED SUPPORTS. CUT THIS AREA OUT WITH A SABRE SAW OR DIE GRINDER. WHEN THE ELECTRICAL SLEEVE IS REPOSITIONED IT SHOULD COVER THE CUT OUT AREA. (USE A FILE TO DEBURR ANY SHARP EDGES.)

2) INSTALL THE FRONT CROSS ARM BY SLIDING IT BETWEEN THE CUT OUT IN THE BOX AND FRAME RAIL. POSITION THE CROSS ARM TO THE FRONT OF VEHICLE TO PROVIDE CLEARANCE FOR REAR CROSS ARM INSTALLATION.

NOTE: THE BEND RADIUS MUST BE FACING UP AND THE NOTCHED END OF CROSSARM MUST BE POSITIONED OVER THE GAS TANK.

3) INSTALLING REAR CROSS ARM. REPEAT STEP TWO WITH THE ARM FACING THE OPPOSITE DIRECTION DURING INSTALLATION.

4) ON THE DRIVER'S SIDE OF VEHICLE, HANG THE SIDE PLATE FROM THE 5/8" WELDED STUDS EXTENDING FROM THE CROSS ARM. FASTEN THE PLATE WITH TWO 5/8" FLANGE NUTS PROVIDED. (FINGER TIGHT)

5) (DRIVER'S SIDE) ALIGN THE THE SIDE PLATE WITH THE 1" REAR MOST HOLE IN THE FRAME. PLACE THREE 1/4" ROUND SPACER BETWEEN THE FRAME AND SIDE PLATE. INSERT THE 1" x 3" HEX BOLT THROUGH THE SIDE PLATE, SPACER AND THE FRAME. USE THE 1" SPECIAL FLAT WASHER, REGULAR LOCKWASHER AND HEX NUT TO SECURE IN PLACE. (FINGER TIGHT)

6) REPEAT STEP TWO FOR PASSENGER SIDE PLATE INSTALLATION.

7) AFTER SIDE PLATE HARDWARE IS INSTALLED FINGER TIGHT LEVEL THE SIDE PLATES AND THE CROSS ARMS WITH THE TRUCK BOX. USE A C-CLIMP TO HOLD IN POSITION. (DOUBLE CHECK THAT CROSS ARMS ARE FLUSH TO BOX.)

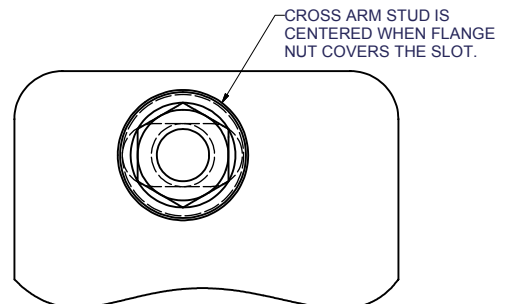
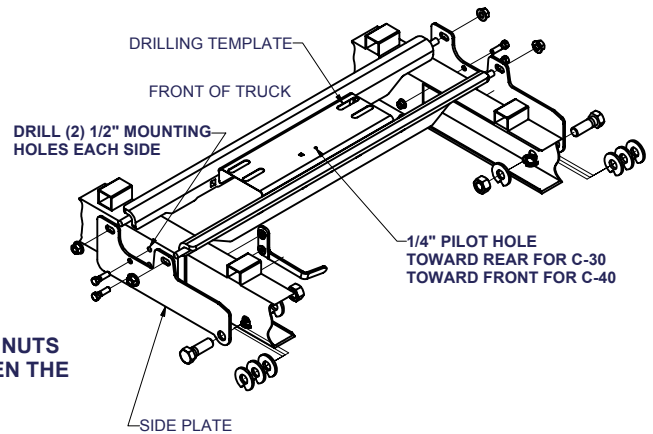
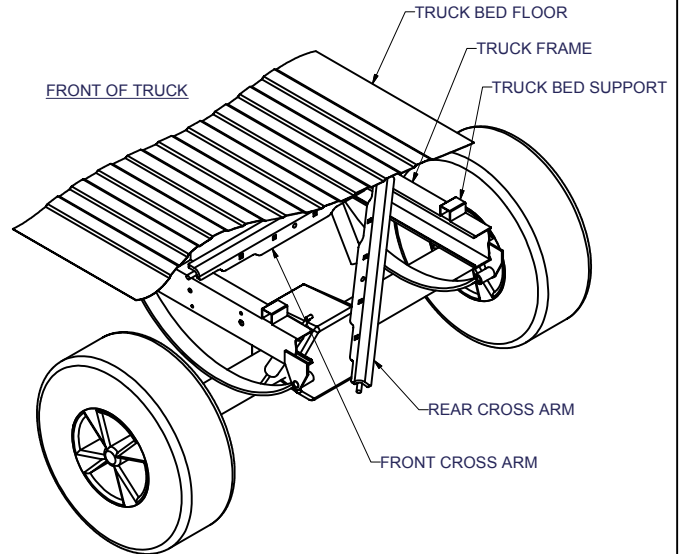
8) REPEAT THE LAST STEP FOR THE PASSENGER SIDE OF VEHICLE

9) USE A 15/16" WRENCH TO TIGHTEN THE REAR CROSS ARM 5/8" FLANGE NUTS TO THE SIDE PLATES. USE A 1 1/2" SOCKET AND 1 1/2" WRENCH TO TIGHTEN THE 1" HEX BOLT IN EACH SIDE PLATE TO THE FRAME

10) TORQUE THE REAR CROSS ARM 5/8" FLANGE NUTS TO 150LBS. TORQUE THE 1" HARDWARE TO 150LBS.

(NOTE: DO NOT TIGHTEN FRONT CROSS ARM 5/8" FLANGE NUTS UNTIL INSTALLATION OF CENTER SECTION IS COMPLETE.)

11) WITH SIDE PLATES AND CROSS ARMS SECURE, POSITION THE DRILLING TEMPLATE PROVIDED BETWEEN THE CROSS ARMS. BOLT THE TEMPLATE TO THE REAR CROSS ARM WITH TWO 5/8" X 1 3/4" CARRIAGE AND TWO 5/8" FLANGE NUTS PROVIDED WITH THE CENTER SECTION. TIGHTEN THE 5/8" FLANGE NUTS WITH A 15/16" SOCKET.



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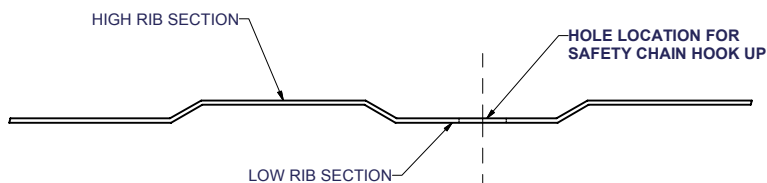
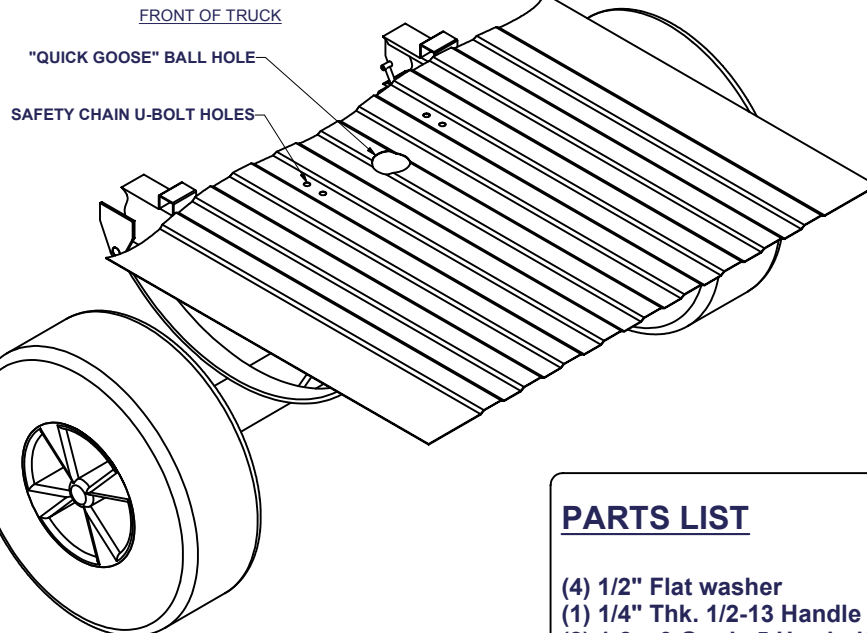


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INSTALLATION STEPS

- 12) BE SURE CROSS ARMS ARE VERTICAL TO TRUCK BED BEFORE DRILLING! DRILL A 1/4" INTO THE BED OF THE TRUCK USING THE PILOT IN THE CENTER OF THE TEMPLATE. REMOVE THE TEMPLATE AFTER THE PILOT HOLE HAS BEEN DRILLED.
- 13) FROM THE INSIDE OF THE PICK-UP BOX POSITION THE DRILLING TEMPLATE IN THE SAME DIRECTION IT WAS UNDER THE VEHICLE. PLACE A 1/4" DRILL BIT IN THE CENTER OF THE TEMPLATE THRU THE NEW HOLE IN THE BOX. USE A TAPE MEASURE TO SQUARE THE DRILLING TEMPLATE BY MEASURING FROM THE FRONT OF THE BOX TO THE TEMPLATE. USING A 5/8" DRILL BIT. DRILL THE CENTER OF EACH SLOTTED HOLE IN THE TEMPLATE. (BE SURE THE HOLES ARE DRILLED IN THE LOWER RIBS OF THE BED.)
- 14) FROM INSIDE THE PICK-UP BED USE A 3 5/8" HOLE SAW TO DRILL THRU THE BED. USE THE PREVIOUSLY 1/4" DRILLED HOLE AS THE PILOT HOLE. USE A FILE TO DEBURR ANY SHARP EDGES.
- 15) FOLLOW INSTALLATION INSTRUCTIONS FOR THE C-30
- 16) AFTER INSTALLATION OF THE C-30 KIT IS COMPLETE, USE THE SIDE PLATE AS A TEMPLATE AND DRILL THROUGH THE FRAME WITH A 1/2" DRILL BIT IN TWO LOCATIONS. INSERT THE HANDLE NUT ON THE DRIVER'S SIDE AND BOLT THE SIDE PLATE TO THE FRAME WITH TWO 1/2"x2" HEX BOLTS.
- 17) FROM PASSENGER SIDE DRILL THE TWO REMAINING HOLES IN THE SIDE PLATE, THROUGH THE FRAME WITH A 1/2" DRILL BIT. INSERT THE TWO REMAINING 1/2"x2" HEX BOLTS AND BOLT THE SIDE PLATE TO THE FRAME. SECURE WITH 1/2" FLANGE NUTS. TORQUE ALL 1/2" HARDWARE TO 75 LBS.
- 18) REATTACH ANY FUEL ,BRAKE AND ELECTRICAL LINES THAT MAY HAVE BEEN LOOSENED OR REMOVED DURING INSTALLATION.



PARTS LIST

- (4) 1/2" Flat washer
- (1) 1/4" Thk. 1/2-13 Handle Nut(CM-322-HN)
- (2) 1-8 x 3 Grade 5 Hex bolt
- (2) 1-8 Grade 5 hex nut
- (2) 1" Lock washer
- (8) 1/4" Thk. Spacer (CM-SP13)
- (4) 1/2-13 x 1.75 grade 5 hex bolt
- (2) 1/2-13 grade 5 flange nut
- (4) 5/8-11 grade 5 flange nut
- (1) Installation Template (CM-308-2)

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