



# POWER COVER USA LLC



37 Commons Court Waterbury, CT 06704

(203) 755-2687 Fax (203) 755-3666

[www.powercover.com](http://www.powercover.com)

## INSTALLATION INSTRUCTIONS

RO 5000

VEHICLE LAYOUT SHEET MUST BE FILLED OUT AND FAXED/EMAILED BACK WITH POWER COVER SERIAL NUMBER. SERIAL NUMBER TAG MUST BE PLACED ON THE DRIVER SIDE DOOR JAM.

### GANTRY MOUNTING

MAKE SURE CHASSIS HAS 10" TO 12" OF CLEAR FRAME DIRECTELY BEHIND THE CAB.

THE FRONT OF THE GANTRY BOTTOM SHOULD START @ 6" BEHIND THE CAB TO ALLOW ROOM FOR THE ROLL AND WIND SCREEN MOUNTED TO THE TOP OF THE GANRTY.

MEASURE AND MARK WHERE THE MOUNTING BRACKETS FOR THE GANTRY WILL BE INSTALLED.

THESE BRACKETS THAT ARE SUPPLIED ARE TO BE BOLTED TO THE FRAME, **NEVER** WELDED.

AFTER INSTALLING THESE PLATES, POSITION THE LOWER GANTRY IN PLACE, MAKE SURE THE MEASURMENTS ARE THE SAME FROM SIDE TO SIDE AND IS SQUARE TO CHASIS.

TACK THE GANTRY IN PLACE AND MAKE SURE THE CLEARANCE IS CORRECT BEFORE YOU WELD THE GANTRY INTO PLACE WITH SUPPLIED BRACES.

WITH 2 PEOPLE, LOWER THE TOP SECTION OF THE GANTRY INTO PLACE AND INSTALL HYDRAULIC CYLINDER.

### TO INSTALL THE ROLL TUBE

SIMPLY UNSCREW THE 2 CAPS ON TOP FO THE GANTRY PLACE THE ROLL TUBE ON TOP OF THE BRACKETS WITH THE CAVAS FACING IN THE UPWARDS POSITION, AND THE NUT END OF THE SHAFT ON THE PASSENGER SIDE.

LOCATION OF THE SIDE MOUNTING BRACKETS:

PLACE THE LARGEST CONTAINER ON THE HOIST THAT IT WILL BE CARRYING.

LEAVE THE GANTRY IN THE DOWN POSITION.

TO FIND THE CENTER POINT TAKE 2 TAPE MEASURES AND PLACE ONE AT THE REAR MOST PART OF THE TOP OF THE CAN AND THE OTHER TAPE PLACE ON TH CENTER OF THE ROLL TUBE.

NOW FIND THE MEASURMENT WHERE THE 2 TAPES CROSS AT THE BOTTOM OF THE CAN NEAR THE CENTER.

THIS WILL BE THE CENTER OF THE BOTTOM BOLT OF THE ARM. FROM HERE WE CAN MOUNT OUR BRACKETS.

YOU CANNOT BE WIDDER THAN 108" TOTAL. WITH THIS IN MIND WHEN YOU INSTALL OUR U SHAPED BRACKETS THE TOTAL WIDTH OF THE BRACKETS MOUNTED TO THE TRUCK CANNOT EXCEED 98.5" TO 99". THIS WILL ALLOW 4.5" PER SIDE FOR OUR POWER MOUNTS WITH THE ACRH GUIDES AND CYLINDERS.

TAKE THE BRACKET MOCK UP THAT WE SUPPLY AND FIND THE CENTER OF THE SECOND HOLE AND LINE IT UP WITH THE MARK YOU FOUND EARLIER BY CROSSING THE MEASURING TAPES. NOW CLAMP THE MOCK UP TO THE BRACKETS, AND DOUBLE CHECK TO INSURE ARM LENGTH IS CORRECT. NOW MARK AND DRILL THE 3 HOLES REQUIRED TO MOUNT THE BRACKETS. AFTER THE HOLES ARE DRILLED SECURE THE BRACKETS AND ARCH GUIDES WITH THE SUPPLIED HARDWARE.

BOLT THE LOWER ARMS TO THE BRACKETS AND SLIDE INN THE UPPER ARMS TO THE PROPER LENGTH THEN MARK AND WELD IN PLACE. ATTATCH THE PULL BAR TO THE ARMS AND BOLT IN PLACE.

SNUG BOLTS ON BOTH SIDES OF ROLL TUBE AND THE TURN ROLL TUBE 7 TIMES COUNTER CLOCKWISE BEFORE INSTALLING LOCK BOLTS. AFTER LOCK BOLTS ARE IN, FINISH TIGHTENING ROLL TUBE CAPS.

ATTACTH SUPPLIED HYDRAULIC LINES TO CHASSIS AND BACK TO VALVE BANK.