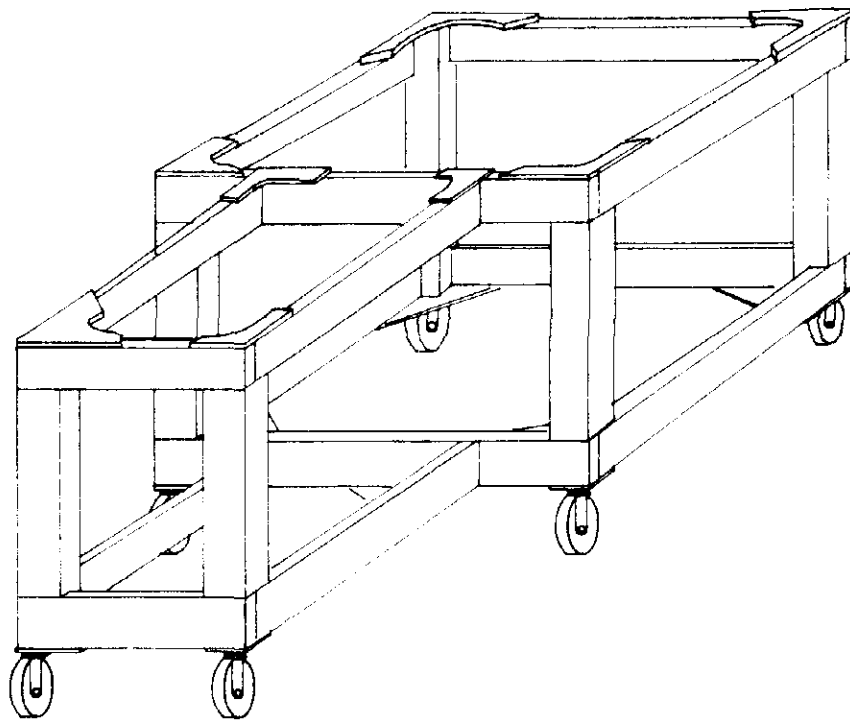


## BODY DOLLIE CONSTRUCTION

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Body dollies were used throughout the original manufacturing of the Chevrolet CORVETTE. This is how the factory moved the body down the assembly line until it was lifted from the dolly and placed on the chassis assembly.

We now use body dollies to help us with our restorations. The body dolly serves several purposes. First, it gives us a platform on which to place the body once it has been removed from the chassis. Second, it allows us to transport the body from our shop to other locations, such as paint shop or body shop. Finally the body dolly provides us a way to make the body mobile while in our own shop. It is a real burden to have a body permanently planted in the center of your garage.

The tools required to build the dolly are minimal. You will only require the following:

- A hand saw or electric circular saw to cut the plywood, 2X4's and 4X4's. Watch how you cut the 4X4's. Make sure the extensions you leave on each end is in the same corner. You'll see what I mean.

- A sabre saw to cut the radius in the reinforcing plates.

- A hammer

- A phillips head screw driver

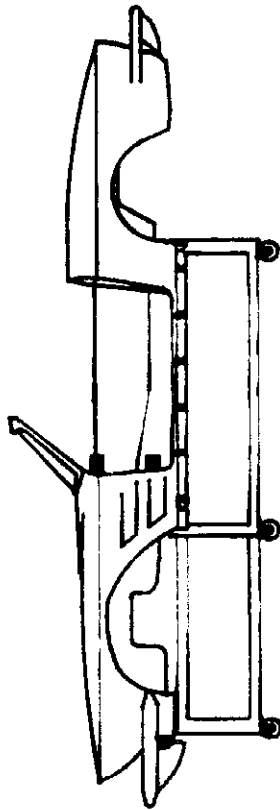
- A one half inch open or closed end wrench or a 3/8" socket set with a 1/2" socket.

- And possibly a carpenters square to keep you straight

To construct the body dolly of your choice, simply pre-cut the components as shown and assemble. You can do the job by yourself, but it's nice to have a friend to hold the other end of the 2 X 4's.

Now get to it so you will have your dolly ready for the body when you get it off.

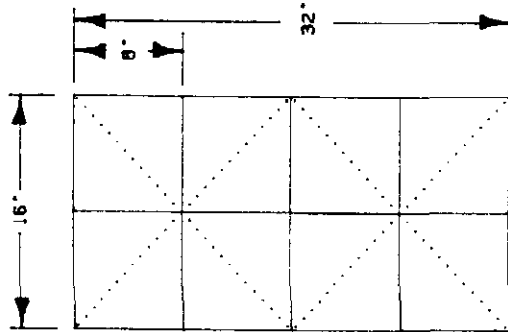
**SEE CONSTRUCTION DETAILS.**



WHEN USING BODY DOLLIE ON  
ROADS YEARS 1987 AND UP BE  
CERTAIN TO SUPPORT THE REAR  
COLLEGE CAR WITH WIRE ROPE  
OR OTHER DEVICE.

1/2" PLYWOOD 32' X 18' 4' PLASTER CASTERS  
SIX (6) 1/4" DIAMETER CASTERS  
FOUR { 4 } PIECES 2' X 4' X 55"  
FOUR { 4 } PIECES 2' X 4' X 30' 1/2"  
FOUR { 4 } PIECES 2' X 4' X 41"  
TWO (2) PIECES 2' X 4' X 33"  
SIX (6) PIECES 4' X 4' X 14"  
ONE POUND 8 PENNY NAILS  
EIGHTEEN (18) 5/16" X 1 1/2" LAG BOLTS  
EIGHT (8) 5/16" X 3" LAG BOLTS  
SIX (6) 5/16" X 1" NC HEX BOLTS  
SIX { 6 } FLAT WASHERS  
SIX { 6 } LOCK WASHERS  
SIX { 6 } NC NUTS  
FIFTY (50) 3/16" X 2 1/2" WOOD SCREWS

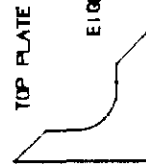
ONE PIECE 16" X 32" X 1/2" PLYWOOD



CUT FIRST ON SOLID LINE  
THEN CUT ON DOTTED LINES  
MAKES SIXTEEN PIECES  
EIGHT PIECES ARE TO BE USED AS IS ON BOTTOM AS  
REINFORCING PLATES.  
REMAINING EIGHT PIECES ARE TO BE CUT AS SHOWN  
AND USED ON TOP AS REINFORCING PLATES.  
THESE REINFORCING PLATES ARE TO BE NAILED.

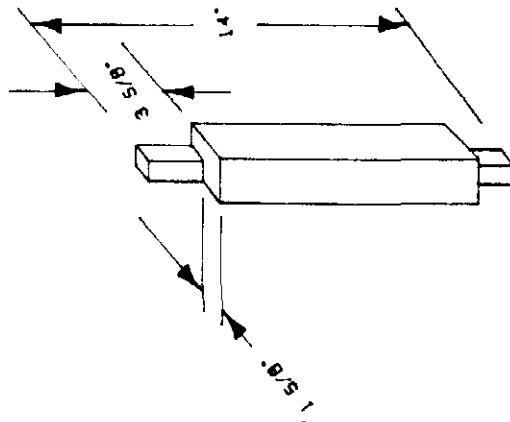


EIGHT PIECES FOR BOTTOM



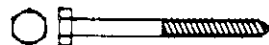
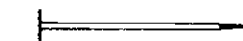
EIGHT PIECES FOR TOP

CUT ON LINE FOR  
CLEARANCE FOR FLOOR



SIX PIECES 4 X 4 X 1 1/2"

SIX 1/8" PIERCES REQUIRED  
USED AS UP RIGHTS



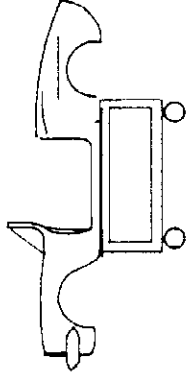
EIGHT PENNY NAILS  
USED TO ATTACH TOP  
AND BOTTOM REINFORCING  
PLATES.

5/16" X 3" LAG BOLT  
USED TO ATTACH FRONT  
SECTION TO MAIN SECTION.

5/16" X 1" NC MACHINE BOLT  
USED TO ATTACH INSIDE  
HOLE ON CASER. USED  
WITH FULV/NUT.

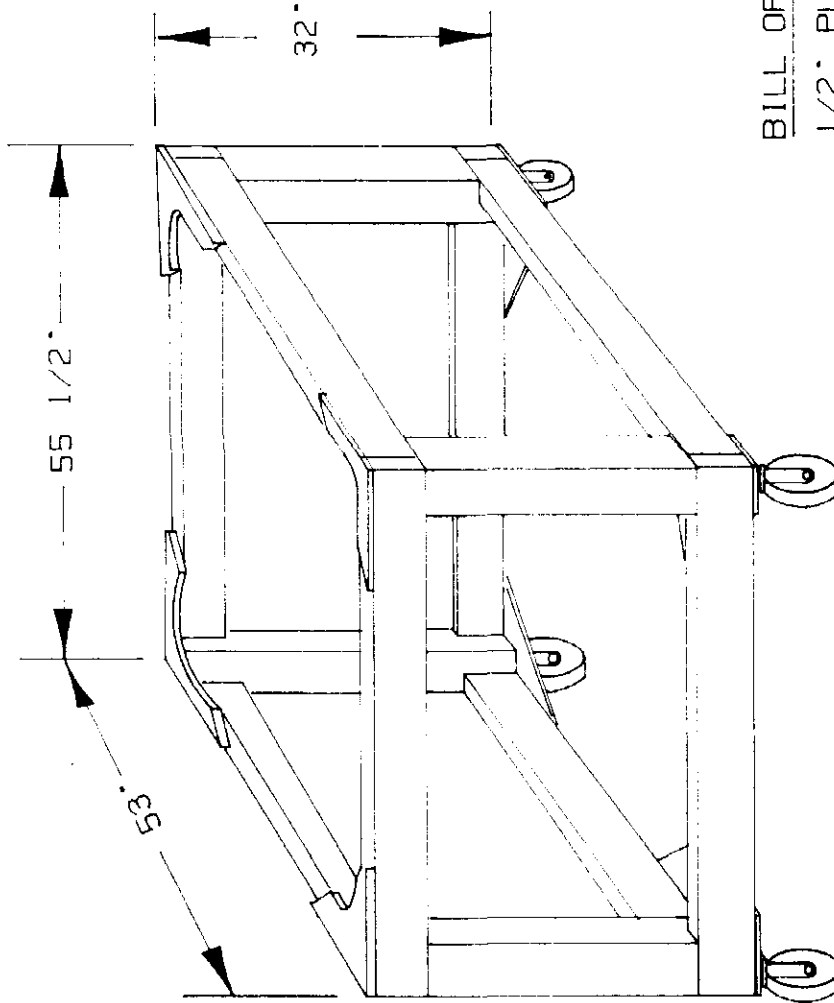
3/16" X 2 1/2" WOOD SCREW  
USED TO ATTACH SIDE RAILS  
AND CROSS RAILS.

5/16" X 1 1/2" LAG BOLT  
USED TO ATTACH THREE  
OUTSIDE HOLES OF CASERS.



THIS DOLLIE IS LIGHT DUTY AND  
DESIGNED TO PROVIDE HEIGHT FOR  
CLEANING OR REPAIRING THE  
UNDER SIDE OF THE BODY.

SEE CONSTRUCTION DETAILS.

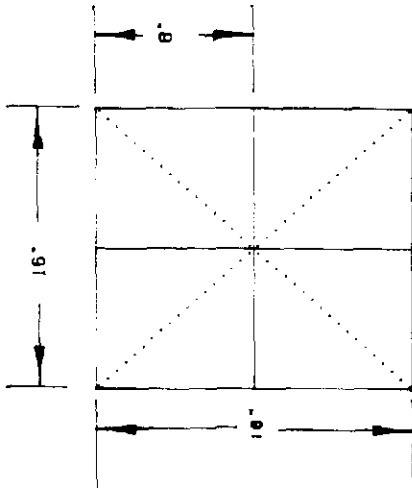


# BILL OF MATERIALS:

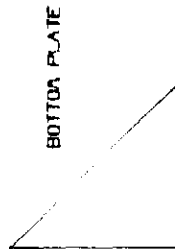
1/2" PLYWOOD 16" X 16"  
FOUR (4) 4" DIAMETER CASTERS.  
FOUR (4) PIECES 2" X 4" X 50".  
FOUR (4) PIECES 2" X 4" X 55 1/2".  
FOUR (4) PIECES 4" X 4" X 32".  
1/2 POUND 8 PENNY NAILS  
TWELVE (12) 5/16" X 1 1/2" LAG BOLTS  
FOUR (4) 5/16" X 1" NC HEX BOLTS  
FOUR (4) 5/16" FLAT WASHERS  
FOUR (4) 5/16" LOCK WASHERS  
FOUR (4) 5/16" NC NUTS  
FORTY (40) 3/16" X 2 1/2" WOOD SCREWS

CAUTION:  
WHEN USING BODY DOLLIE ON ROADSTERS 1963 AND UP  
BE CERTAIN TO SUPPORT THE REAR OF CAR WITH WIRE  
ROPE OR OTHER DEVICE.

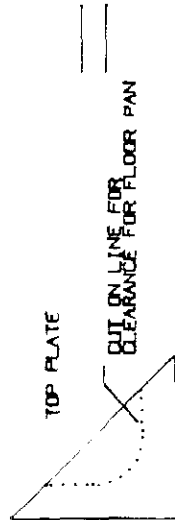
ONE PIECE 16 X 16 X 1 1/2" PLYWOOD



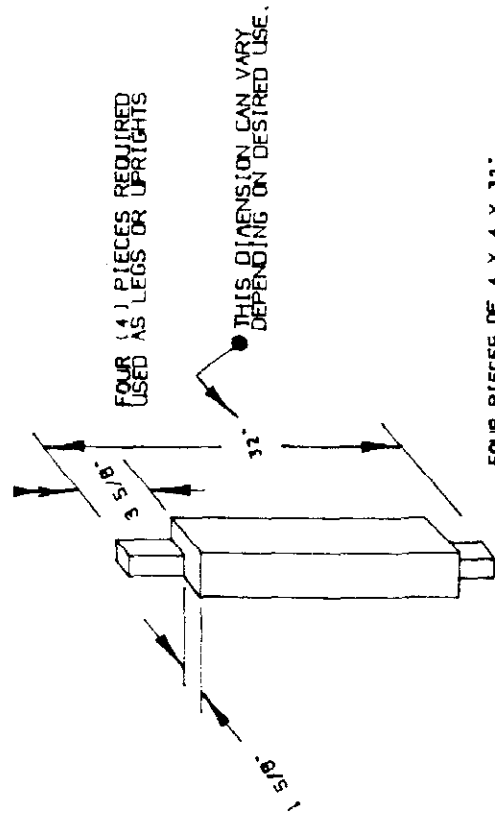
CUT FIRST ON SOLID LINE  
THEN CUT DIAGONALLY ON DOTTED LINES  
MAKES EIGHT PIECES  
FOUR PIECES ARE TO BE USED AS IS ON BOTTOM AS  
REINFORCING PLATES  
REMAINING FOUR ARE TO BE CUT AS SHOWN AND  
USED ON TOP AS REINFORCING PLATES.  
THESE REINFORCING PLATES ARE TO BE NAILED IN PLACE



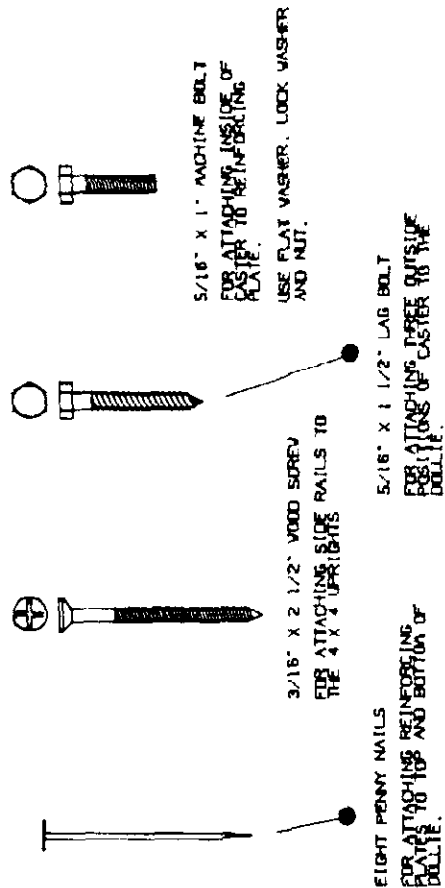
FOUR PIECES FOR BOTTOM



FOUR PIECES FOR TOP



FOUR PIECES OF 4 X 4 X 32"



5/16" X 1" MACHINE BOLT  
FOR ATTACHING INSIDE OF  
CASTER TO REINFORCING  
PLATE.  
USE FLAT WASHER, LOCK WASHER  
AND NUT.

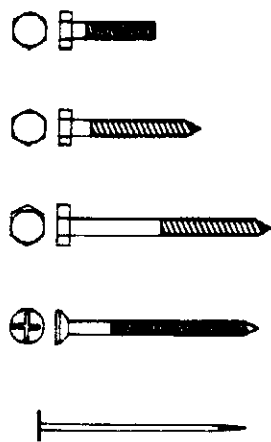
3/16" X 2 1/2" WOOD SCREW  
FOR ATTACHING SIDE RAILS TO  
THE 4 X 4 UPRIGHTS

5/16" X 1 1/2" LAG BOLT  
FOR ATTACHING CASTER TO THE  
DOLLIE.

EIGHT PENNY NAILS  
FOR ATTACHING REINFORCING  
PLATES TO TOP AND BOTTOM OF  
DOLLIE.

- ①
- ②
- ③
- ④
- ⑤

EIGHT PENNY NAIL  
 3/16 X 2 1/2 WOOD SCREW  
 5/16 X 3 LAG BOLT  
 5/16 X 1 1/2 LAG BOLT  
 5/16 X 1 NC MACHINE BOLT/FV/LV/NUT



- ①
- ②
- ③
- ④
- ⑤

