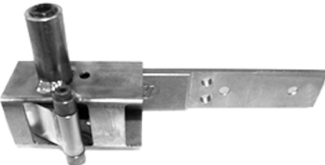
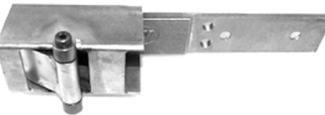
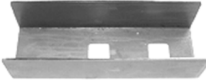







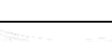
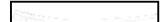


HIDDEN HINGE INSTALLATION INSTRUCTIONS

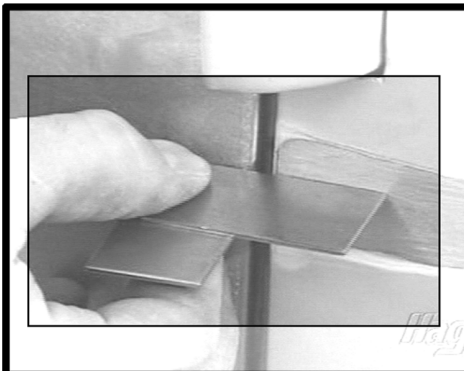
WATCH DVD BEFORE YOU BEGIN THIS PROJECT.

The DVD will give you an overview of this project and will outline **KEY** parameters that you **MUST** stay within.

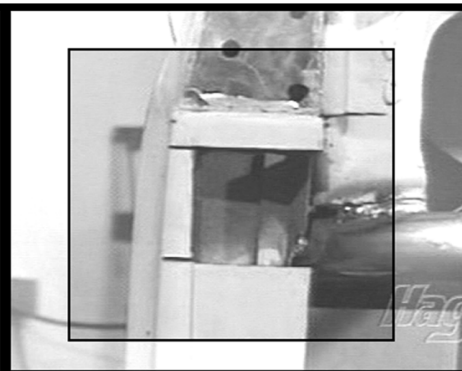
CONTENTS	
	2- RECEIVER TUBES WITH SPRINGLOADED DETENT AND HINGE ARMS
	2- RECEIVER TUBES WITH HINGE ARMS
	4- DOOR MOUNT POCKETS
	1- DVD INSTALLATION VIDEO
	4- ADJUSTING PLATES
	4- NUT PLATES
	1- BUNDLE ALIGNMENT TABS
	2- DOME SWITCH PLATES
	2- DOME SWITCHES
	8- 5/16" FLAT HEADS 8- 3/8" SET SCREWS
	2- DOOR STOP PINS
	1- LENGTH OF TUBING TO SHEATH DOOR STOP PIN

HERE IS WHAT YOU NEED TO KNOW FOR A SUCESSFUL INSTALLATION:

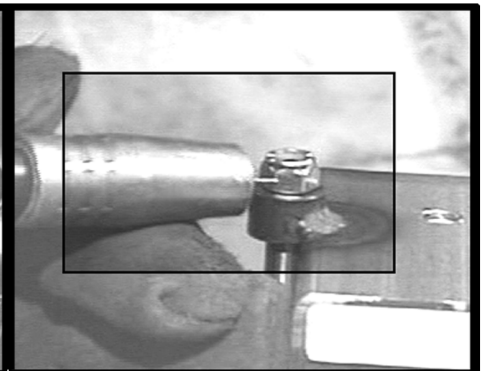
- 1) YOU WANT TO INSTALL THE HINGES PLUMB SO YOUR DOOR SWINGS LEVEL. BUT, ON CARS AND TRUCKS FROM THE MID1930'S AND OLDER YOU WILL END UP A FEW DEGREES OUT OF PLUMB DUE TO THE NARROW BASE OF THE BODY.
- 2) INSTALL HINGES AS FAR APART AS POSSIBLE. ON MOST VEHICLES THE HINGES WILL BE AROUND 15" APART. KEEP HINGES A MINIMUM OF 8" APART.
- 3) KEY DIMENSIONS TO FOLLOW:
THE RECEIVER TUBES CAN BE INSTALLED ANYWHERE WITHIN **5/8" TO 1-1/4"** FROM THE OUTER SKIN OF THE BODY. THE HINGE PIN MUST BE AT LEAST **1-1/16"** OR MORE FROM THE EDGE OF THE DOOR OPENING. THIS IS OUTLINED AT THE BEGINNING OF THE VIDEO.



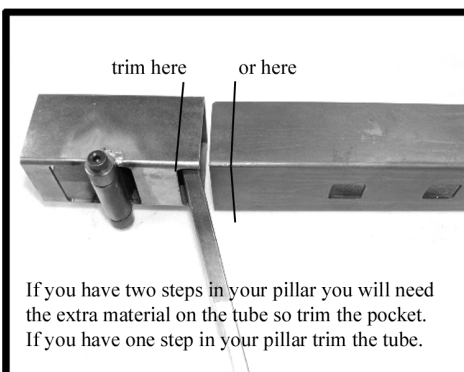
Install temporary alignment tabs. See video.



See video to learn how to lay out hinge position. Make tight, clean cuts.

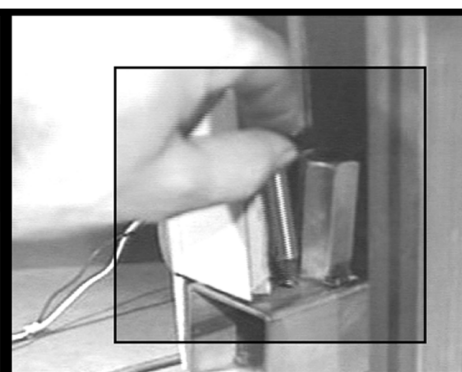


Tack nut before welding in tubes.



If you have two steps in your pillar you will need the extra material on the tube so trim the pocket. If you have one step in your pillar trim the tube.

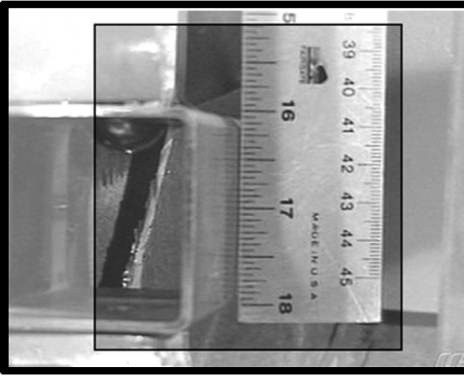
The tubes shown in the video **DO NOT** have extra metal on three sides.



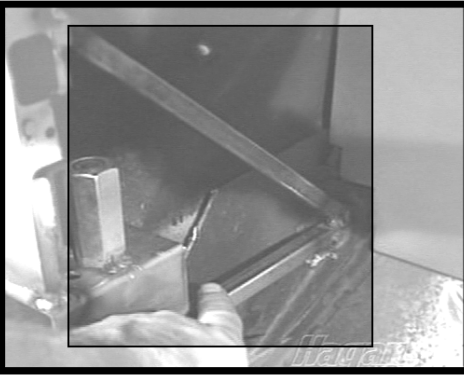
Cut access for door stop pin before welding in tubes.



Tack tubes on two outer corners only then check alignment.



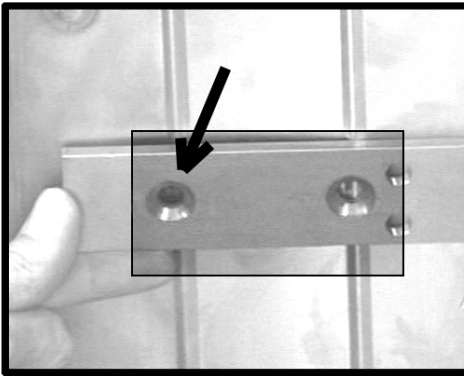
Your tubes are properly aligned when your straight edge lies flush against the tubes at the side and the back. Proceed with welding.



The tube with the spring loaded detent must be braced.



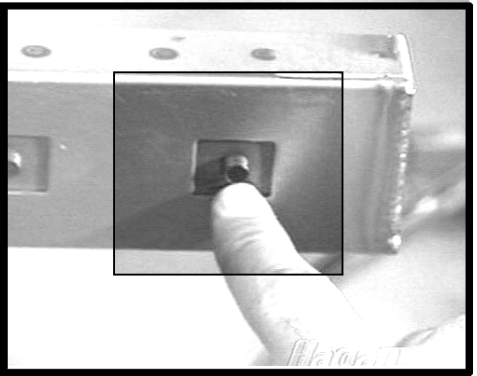
Some doors do not have an inner structure to weld to. If so you will need to add material. These panels are available through Hagan.



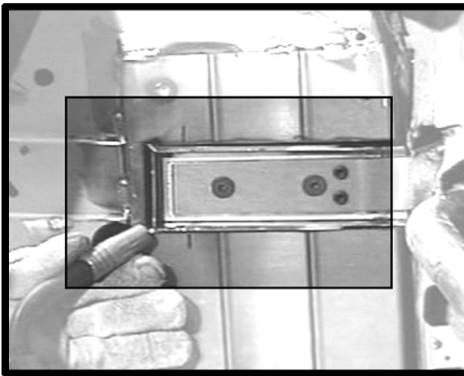
With the door back on the car and lined up, mark the center of the hinge mount holes.



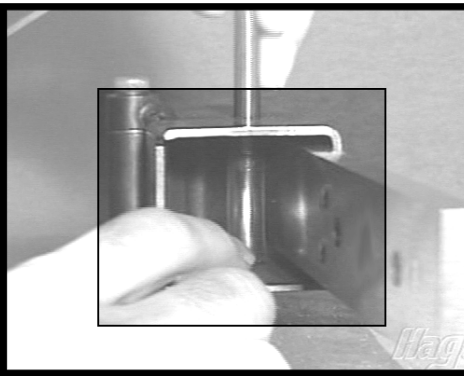
Now mark where to cut out door for pockets by centering the rectangular hole over your marks.



Bolt the pockets to the hinges dead center.



Tack weld pockets. Remove temporary alignment tabs then test swing the door. If all is well finish the welding and closing up the gaps.



The plastic sheathing must be cut to length and installed over the door stop pin.