

721 W. MONROE ST. NEWBREMEN, OHIO 45869 (419)29-1969



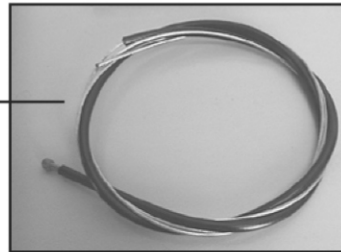
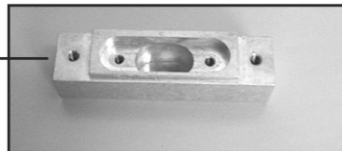
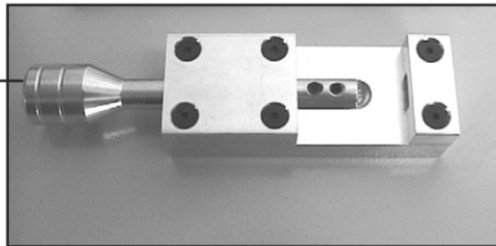
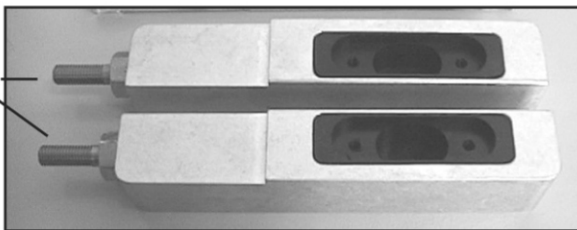
TRI - OPENING HOOD HINGE INSTALLATION INSTRUCTIONS

CONTENTS OF YOUR NEW HOOD HINGE SET

1-VIDEO INSTALL GUIDE

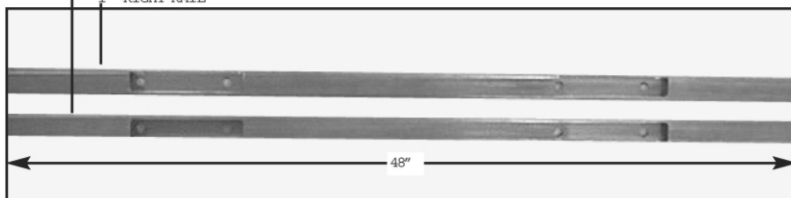


4- BRAIDED CABLES

4- UPPER HINGE MOUNT
BLOCKS2- RELEASE KNOBS
ASSEMBLIES2-RIGHT
2- LEFT
RECEIVER BLOCKS
WITH HINGE MOUNT
LOCK BLOCKS

1- LEFT RAIL

1- RIGHT RAIL



4- HINGES

4- RAIL MOUNT BRACKETS

4- CABLE NUTS

8- 1/4-20 X 1/2 BOLTS

8- 8-32 X 3/8 BUTTON HEAD ALLEN BOLTS

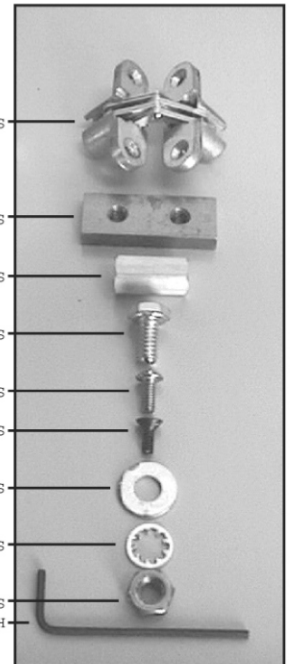
16- 6-32 X 3/8 FLAT HEAD ALLEN SCREWS

16- 1/4 FLAT WASHERS

8- 1/4 INTERNAL LOCK WASHERS

4- 1/4-28 JAMB NUTS

1-5/64 ALLEN WRENCH



2- STAINLESS PROP RODS

2- FIXED BALL JOINTS

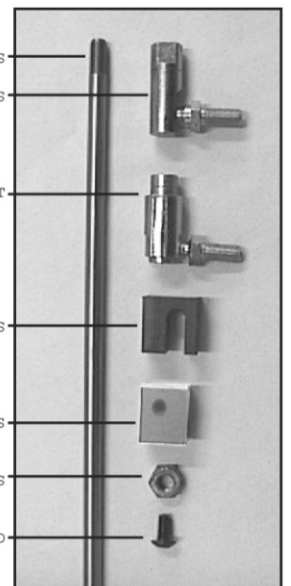
2- QUICK RELEASE BALL JOINT

2- PROP ROD CLAMPS

2- PROP ROD MOUNT BLOCKS

4- 1/4-28 NUTS

4- 10-32 X 3/8 BUTTON HEAD



HOOD DIMENSIONS

**BEFORE YOU BEGIN

YOU MUST HAVE VIEWED THE VIDEO SO YOU HAVE A GOOD UNDERSTANDING OF THE PROCEDURE. THE FOLLOWING INSTRUCTIONS ARE ONLY A SUPPLEMENT TO THE VIDEO INSTALL GUIDE. THEY PROVIDE DIMENSIONS FOR CARS OTHER THAN 32 FORDS.

ON THE VIDEO:

STAGE II

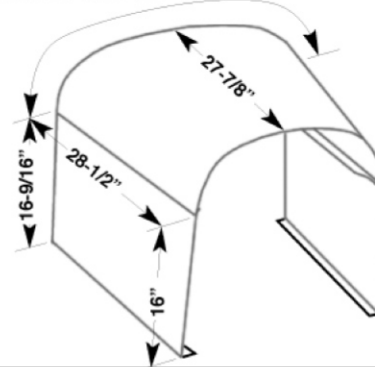
STEPS 3, 4, and 5

Setting up the radiator and grill shell

These dimensions are stock hood measurements. In the video steps 3,4 & 5 are positioning the radiator and grill shell. Remember to add for the 1/8" gap at the front and back of the hood when using these dimension

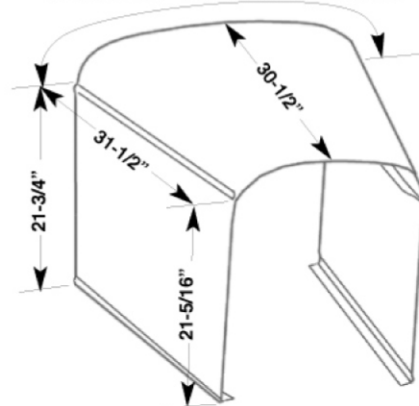
'28-'29 Model A

COWL 41-13/16" SEAM TO SEAM
HOOD 41-11/16" SEAM TO SEAM



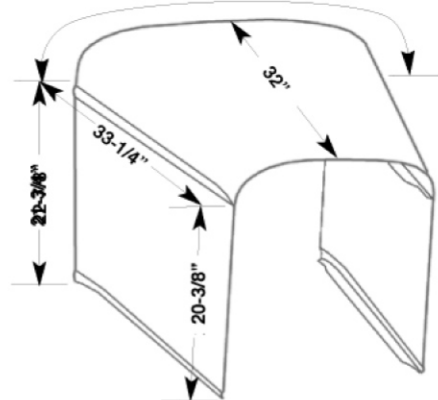
'30-'31 Model A

COWL 39-9/16" FROM TOPS OF BELT LINES
(WITHOUT STAINLESS TRIM)
HOOD 39-3/8" FROM TOPS OF BELT LINES



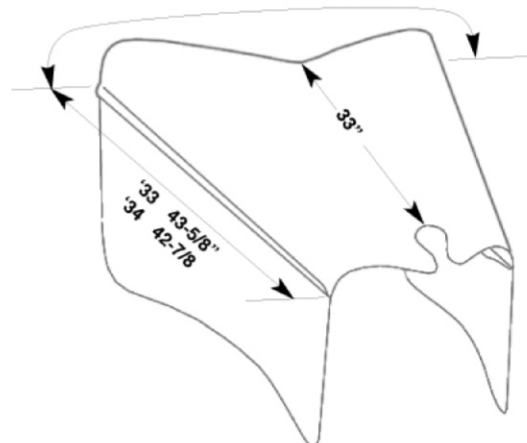
'32 Ford

COWL 41-13/16" FROM TOPS OF BELT LINES
(MEASURING ATOP RAISED BEAD)
HOOD 41-9/16" FROM TOPS OF BELT LINES



'33-'34 Ford

COWL 49-5/16" FROM TOPS OF BELT LINES
(MEASURING STRAIGHT ACROSS)
HOOD 49-3/16" FROM TOPS OF BELT LINES



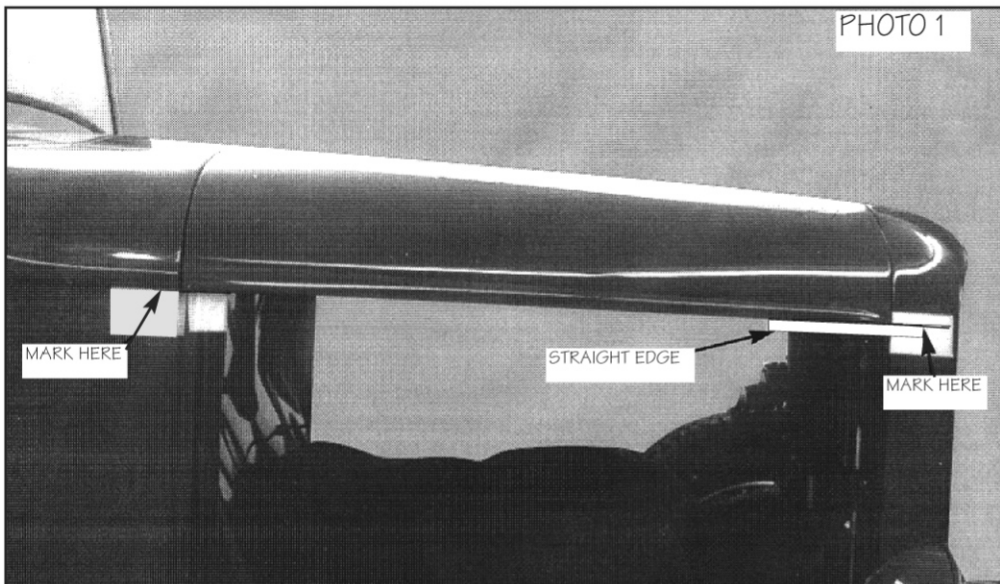


PHOTO 1

THESE INSTRUCTION FOCUS ONLY
ON THE INSTALLATION OF THE
HINGE SYSTEM

STEPS 1 THRU STEP 8 ARE
SHOWN ON THE VIDEO.

STEP 9: INSTALLING THE FISH LINE
GUIDE

ENSURE THE TOP HOOD PANEL IS
IN PERFECT POSITION . YOU
MIGHT WANT TO USE MASKING
TAPE TO HOLD THE HOOD IN
PLACE. MARK THE POSITION OF
THE HOOD ON THE COWLAND
RADIATOR SHELL BY HOLDING A
STRAIGHT EDGE ALONG THE BOT-
TOM OF THE HOOD (PHOTO 1).
USE A FINE POINT PENCIL TO MAKE
MARKS, OR SCRIBE IF THE CAR IS
NOT PAINTED.

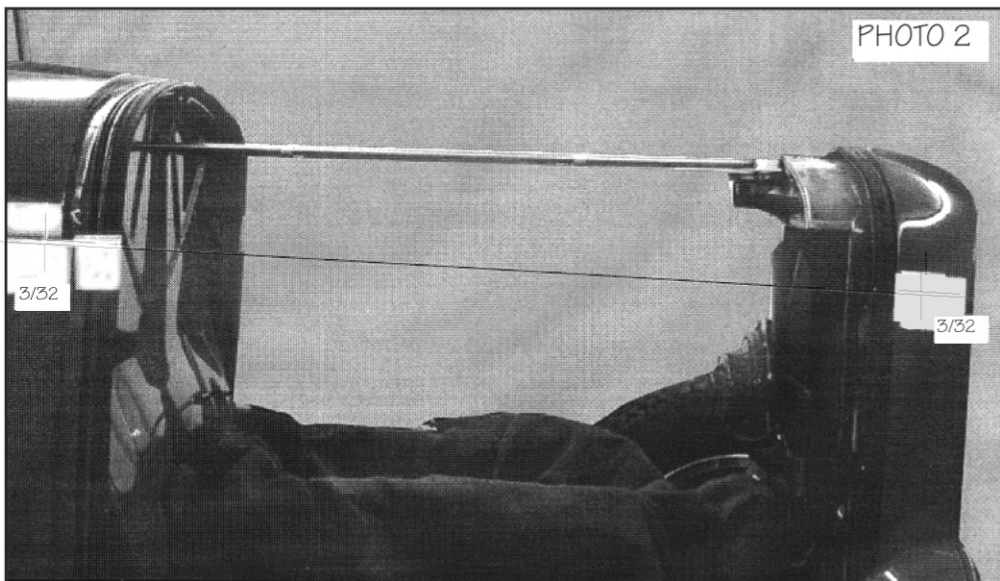


PHOTO 2

NOTE: BE EXTREMELY PRECISE
WHEN MAKING ALL LAYOUT
MARKS TO ACHIEVE PROFESSION-
AL RESULTS!

3/32" BELOW THE HOOD POSITION
SCRIBE ANOTHER LINE. ON THIS
LINE TAPE A FISH LINE BETWEEN
THE COWLAND THE RADIATOR
SHELL. THIS FISH LINE IS A REFER-
ENCE POINT FOR POSITIONING
THE HINGE RAILS (PHOTO 2).
NOTE: IT IS NOT NECESSARY TO
REMOVE THE HOOD AT THIS TIME.

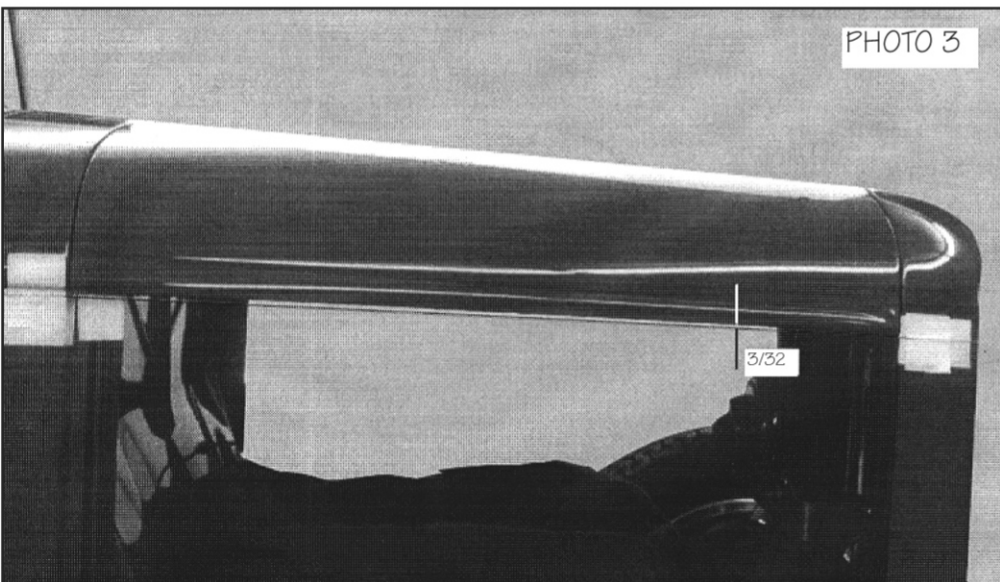


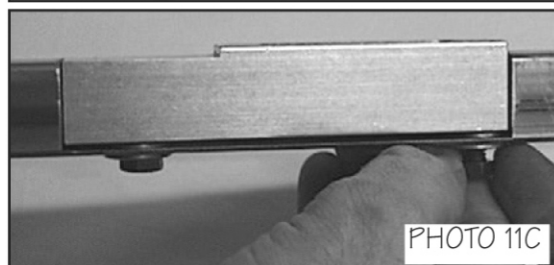
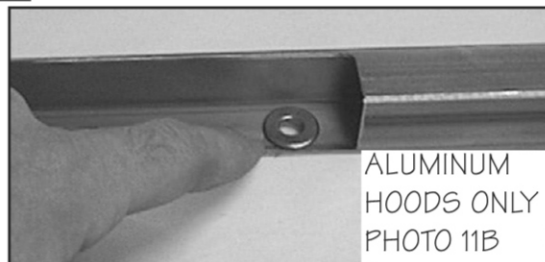
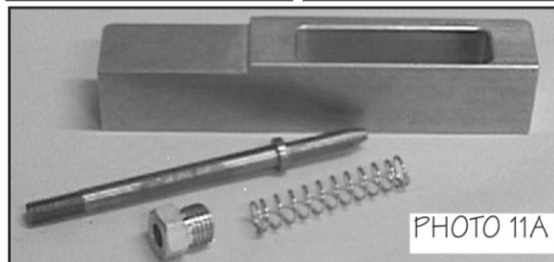
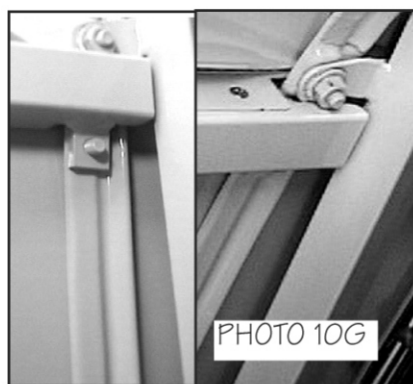
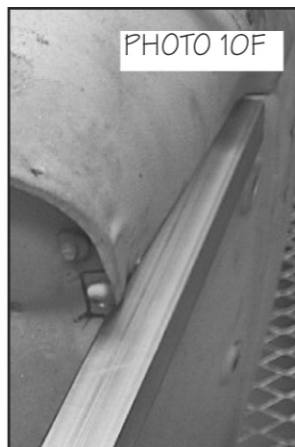
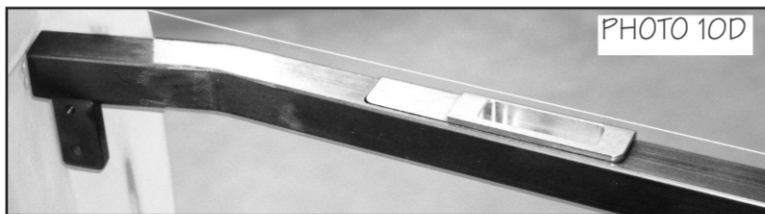
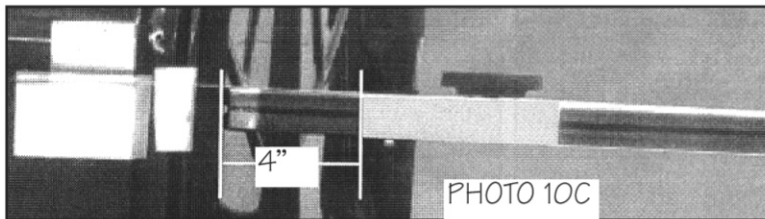
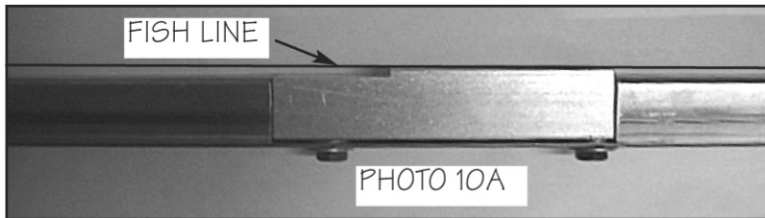
PHOTO 3

WITH THE HOOD IN PLACE CHECK
THE ALIGNMENT OF THE FISH LINE.

IT MUST BE:

- * PARALLEL TO THE HOOD
- * FLUSH WITH THE OUTER EDGE OF
THE HOOD
- * AND 3/32" BELOW THE HOOD.

DO NOT PROCEED ANY FURTHER
UNTIL THESE DIMENSIONS ARE
CORRECT (PHOTO 3)



STEP 10: MOUNTING THE HINGE RAILS

HERE'S THE TRICKY PART!

YOU NOW HAVE TO TRIM THE RAILS TO FIT TO THE COWL AND GRILL. BEFORE YOU BEGIN CUTTING YOU MUST FIRST UNDERSTAND WHERE THE RAILS WILL BE POSITIONED IN RELATION TO THE FISH LINE AND FIRE WALL.

1) TOP OF ALUMINUM RECEIVER BLOCKS MUST BE FLUSH WITH FISH LINE (PHOTO 10A).

2) ALUMINUM RECEIVER BLOCKS MUST BE 1/8" IN FROM FISH LINE (PHOTO 10B).

3) THERE MUST BE 4" MINIMUM OF RAIL BEHIND THE REAR BLOCK TO ALLOW CLEARANCE FOR THE LATCH PIN AND CABLE NUT. (PHOTO 10C).

PREPARING TO TRIM RAILS

(PHOTO 10D) SHOWS THE BACK END OF THE RAIL ON A 32 FORD. NOTICE THE RAIL HAS BEEN MITTERED AND SETS TO THE INSIDE OF THE LIP OF THE COWL, TRIMMED TO FIT THE CONTOUR OF THE COWL. THE CABLES EXIST THE END OF THE RAIL AND WILL GO THROUGH THE FIRE WALL AS SHOWN (PHOTO 10E).

(PHOTO 10F) SHOWS THE BACK END OF THE RAIL ON A 36 FORD. ON MOST MAKES AND MODELS FROM 33' AND ON, THE RAIL WILL BE TRIMMED TO FIT AGAINST THE COWL AS SHOWN. IF YOUR CAR IS A 33' MODEL OR NEWER THIS IS HOW THE RAIL WILL SET IN RELATION TO THE COWL. NOTE: BE SURE TO MAINTAIN 4" OF STRAIGHT RAIL BEHIND THE ALUMINUM BLOCK.

THE VIDEO WILL TEACH YOU HOW TO PERFORM THIS STEP PROPERLY.

(PHOTOS 10G) SHOWS HOW THE FRONT OF THE RAIL WAS TRIMMED ON A 32 FORD.

STEP ELEVEN: INSTALLING HINGE MOUNT BLOCK

REMOVE LATCH PINS, SPRINGS, & JAMB NUTS FROM RECEIVER BLOCKS (PHOTO 11A). IF YOU ARE INSTALLING AN ALUMINUM HOOD PLACE 1/4" WASHERS UNDER EACH RECEIVER BLOCK (PHOTO 11B). DO NOT USE WASHERS IF INSTALLING A STEEL HOOD. BOLT RECEIVERS IN PLACE FINGER TIGHT WITH 1/4-20 X 1/2" BOLTS (PHOTO 11C). CENTER RECEIVER BLOCKS IN OPENINGS AND TIGHTEN BOLTS (PHOTO 11D).