TRI-OPENING
HOOD HINGE
INSTALLATION INSTRUCTIONS

CONTENTS OF YOUR NEW HOOD HINGE SET

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16- 6-32 X 3/8 FLAT HEAD ALLEN SCREWS
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4- 1/4-28 JAM 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- 1/4-20 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 FOL-
LOWING 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 measure-
ments. In the video steps 3, 4 & 5 are position-
ing 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.
THESE INSTRUCTIONS FOCUS ONLY ON THE INSTALLATION OF THE HINGE SYSTEM.

STEPS 1 THRU STEP 6 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 COWL AND RADIATOR SHELL BY HOLDING A STRAIGHT EDGE ALONG THE BOTTOM OF THE HOOD (PHOTO 1). USE A FINE POINT PENCIL TO MAKE MARKS, OR Scribe IF THE CAR IS NOT PAINTED.

NOTE: BE EXTREMELY PRECISE WHEN MAKING ALL LAYOUT MARKS TO ACHIEVE PROFESSIONAL RESULTS!

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

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 mitered 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 firewall 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.

(Photo 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).