**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 dimensions.
THESE INSTRUCTIONS 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 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 TEN: 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).

THIS DIMENSION IS A SAFE DIMENSION. YOU CAN HAVE LESS BUT BE CAREFUL TO LEAVE ROOM FOR THE CABLE AND PIN ASSEMBLY.

PHOTO 10D, 10F, 10G SHOW DIFFERENT WAYS TO TRIM AND MOUNT THE ENDS OF THE RAILS. YOU MUST DETERMINE WHAT WILL WORK BEST FOR YOUR APPLICATION. JUST REMEMBER YOU MUST LEAVE ENOUGH ROOM INSIDE THE RAIL, AT THE BACK, TO ALLOW THE PIN AND CABLE TO WORK 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).

TO AVOID STRIPPING TAPPED HOLES DO NOT OVER TIGHTEN SCREWS!

REMOVE THE HINGE AND UPPER BLOCK ASSEMBLY FROM THE RECEIVERS. INSTALL THE TOP HOOD PANEL. BE SURE IT’S PROPERLY ALIGNED. NOW TRANSFER THE HINGE POSITION MARKS TO THE HOOD PANEL (PHOTO 11C). WHILE HOOD IS INSTALLED SCRIE ALONG RECEIVER BLOCK TO THE UNDER SIDE OF THE HOOD. THIS SCRIE LINE IS SHOWN IN PHOTO 11D.

STEP 12: ADJUSTING THE HOOD
YOU CAN FINE TUNE THE ADJUSTMENT BY LOOSENING THE RECEIVER BOLTS.
**SEE VIDEO FOR DETAILS**
STEP 13: INSTALLING HOOD PROPS

The props mount along side the hinge rails. 1/2" in front of the rear receiver opening, drill a 5/16" hole (Photo 13B). Mount the fixed ball joint (Photo 13G).

1/2" behind the front receive opening drill a 3/16" hole and mount the rod clamp (Photo 13D & 13E).

Install the ball of the quick release joint into the aluminum mount block (Photo 13F).

Clip it onto the rod and position it on the lip of the hood (Photo 13G).

Mark the position and drill a 3/16" hole, then bolt the block in place.
**STEP 14: INSTALLING CABLES AND PULL KNOBS.**

BEFORE YOU REMOVE THE RECEIVERS MARK THEIR POSITION. THIS WILL MAKE THE REASSEMBLE MUCH EASIER (PHOTO 14A).

INSTALL THE STAINLESS PINS WITH THE SPRINGS (PHOTO 14B).

SLIDE CABLE THROUGH THE CABLE NUT AND ATTACH JAMB NUT AND CABLE TO PIN (PHOTO 14C).

FEED FRONT CABLES THROUGH RAIL AND THROUGH THE FIREWALL (PHOTO 14D).

TAPE THE FRONT CABLES TO THE WALL OF THE RAIL (PHOTO 14E).

INSTALL RECEIVERS WITH BOTH THE LOCK WASHER AND FLAT WASHER (PHOTO 14F).

**NOTE: THE BOLT WILL INTERFERE WITH THE PINS IF YOU DON'T USE BOTH.**

YOU MUST SELECT A POSITION AND MOUNT THE PULL KNOBS.

**NOTE: THE CABLE CAN BE CURVED AND EVEN LOOPED IF NECESSARY. KEEP IN MIND YOU WILL HAVE TO SECURE THE CABLE SHEATHING AT THE FIREWALL IF THE CABLES ARE NOT STRAIGHT.**

SLIP CABLES THROUGH AND INSTALL CABLE SHEATHING (PHOTO 14G,H).

PUSH SHEATHING TOWARD THE HINGES UNTIL YOU FEEL THEM BOTTOM OUT. NOW GRAB AND SLIDE THE SHEATHING BACK 2" (PHOTO 14I,J).
CABLES MUST ACTUATE FREELY

MARK THE SHEATHING AT THE BACK OF THE CABLE CLAMP. REMOVE AND TRIM. GRIND ENDS TO CLEAR THEM.

REMOVE ANY SLACK AND MARK THE CABLES AT THE REAR OF THE KNOB BASE AND CUT. **NOTE: CABLES ARE CUT AT THE FRONT OF THE KNOB BRACKET DURING FINAL ASSEMBLY.**

SLIDE CABLE INTO THE KNOB AND TIGHTEN SET SCREWS.

DURING CONSTRUCTION THE KNOB WILL PULL OUT AND REST ON THE EDGE OF THE BASE.

AT FINAL ASSEMBLE THE CABLES ARE CUT SHORTER AND THE CAP SCREW WILL REST ON THE EDGE OF THE KNOB BASE.

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