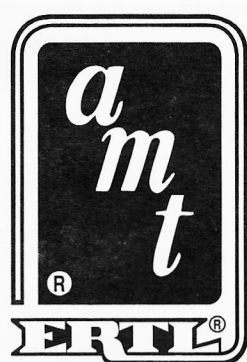
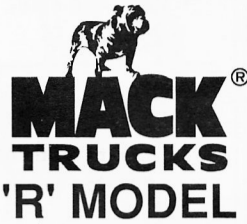


# MACCK<sup>®</sup>



Stock No. 6129



Form No. 099 - 6129  
SHEET 1 OF 2



Manufactured by Ertl Co. under license from Mack Truck, Inc. All rights reserved

"Built like a Mack truck" is a slogan that grew from the legendary line of tough Mack trucks, and is a well earned description. Another symbol is the famous Mack bulldog, an indicator of the tenacious nature of these anvil-tough motorized work horses.

Descended from the original AC Mack introduced in 1915, the Mack R model, introduced in 1966, became the number one truck in the world. There are more of these conventional Macks on the world's roads than any other class 8 conventional, and that's saying a lot about a good truck. Unlike most other American truck manufacturers, Mack makes their own entire truck from the ground up, with the exception of tires. This includes the frame, engine, transmission, suspension, axles, differentials and, of course, the cab and hood, etc. (if you really insisted, they would install engines and transmissions from independent manufacturers, a driver could have it any way he wanted it). Consequently there was no compromise when it came to design quality, the whole truck was designed as a balanced unit. This is something that a lot of other manufacturers, even the top of the line over-the-road truck companies, cannot say. It does say why the R model was produced up through July of 1989 with only the addition of minor refinements and current day technologies before it was finally replaced with a new design. Do truckers like their Mack trucks? There are some who will not drive anything else. If there is one word synonymous with trucks, it is Mack, and so much so that it has become a part of the American language and culture. If you said (and say) you drive a Mack, no other explanation is necessary.

Enjoy your 1/25 scale model of the famous Mack R, it's what trucking is all about.

## IMPORTANT

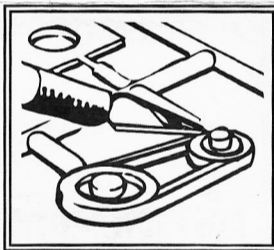
Before you begin to assemble your model kit, study the instructions carefully. This will help you to familiarize yourself with the part locations as you proceed. Prior to cementing parts together, be sure to "TEST FIT" them in order to assure proper alignment and also to check for excess "FLASH" that may occur along parting lines. Use a sharp hobby knife or file to remove flash if necessary.

If you wish to paint your model, various sub-assemblies and components should be painted before any parts are attached. During assembly, you may note that the recommended color is stated after the part name.

This model kit is molded from the finest high-impact styrene plastic. Use only paints and cements which are specifically formulated for styrene. Read all labels and warnings carefully. Because the cement will only adhere to bare plastic, it is necessary to remove any paint or "plating" from the area to which the cement is to be applied.

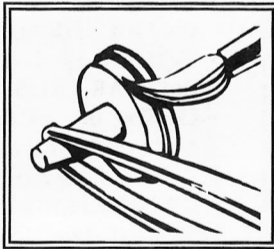
## HOBBY KNIFE

Use a sharp hobby knife to remove parts from the trees. Some parts may appear to have an extra "tab" on them, these should be removed.



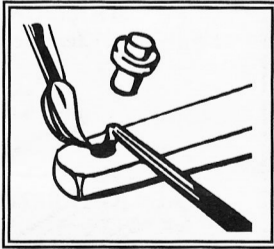
## TWEEZERS

Tweezers are handy for holding very small parts during assembly or painting.



## CEMENT

We recommend the use of liquid polystyrene cement. Apply with a fine brush or toothpick. Use cement sparingly or a sloppy job will result.



## BUILDING TIPS FOR THE ADVANCED MODELER

For the best possible finish, your kit should be painted, even if it is molded in color. Paint should be applied evenly, in several thin coats rather than one heavy coat. The first coat should not completely cover the surface. Each layer should be allowed to thoroughly dry before the next coat is applied. Also, each coat should be "wet sanded" using No.1200 wet or dry sandpaper which is slightly damp; except for the final coat. Be careful not to remove any detail while sanding.

It is important to keep your hands clean when you are working with your model and always wash the parts before painting. This will remove any mold release agent that may have been used during manufacture, body oil from your hands, sanding residue, and dust, which is naturally attracted to plastic by static electricity. Use a mild solution of dishwashing detergent and water. Use a tack rag to dry the parts, DO NOT use paper towels or tissues, since they will leave lint on the part.

Parting lines and glue joints should be sanded or filed prior to painting and cementing. Because paint has a tendency to draw away from sharp edges, all sharp corners should be lightly filed. Use filler putty designed for plastic

to fill small gaps that may occur between parts and to blend contours. This should be done only after the first, or "primer," coat of paint is applied.

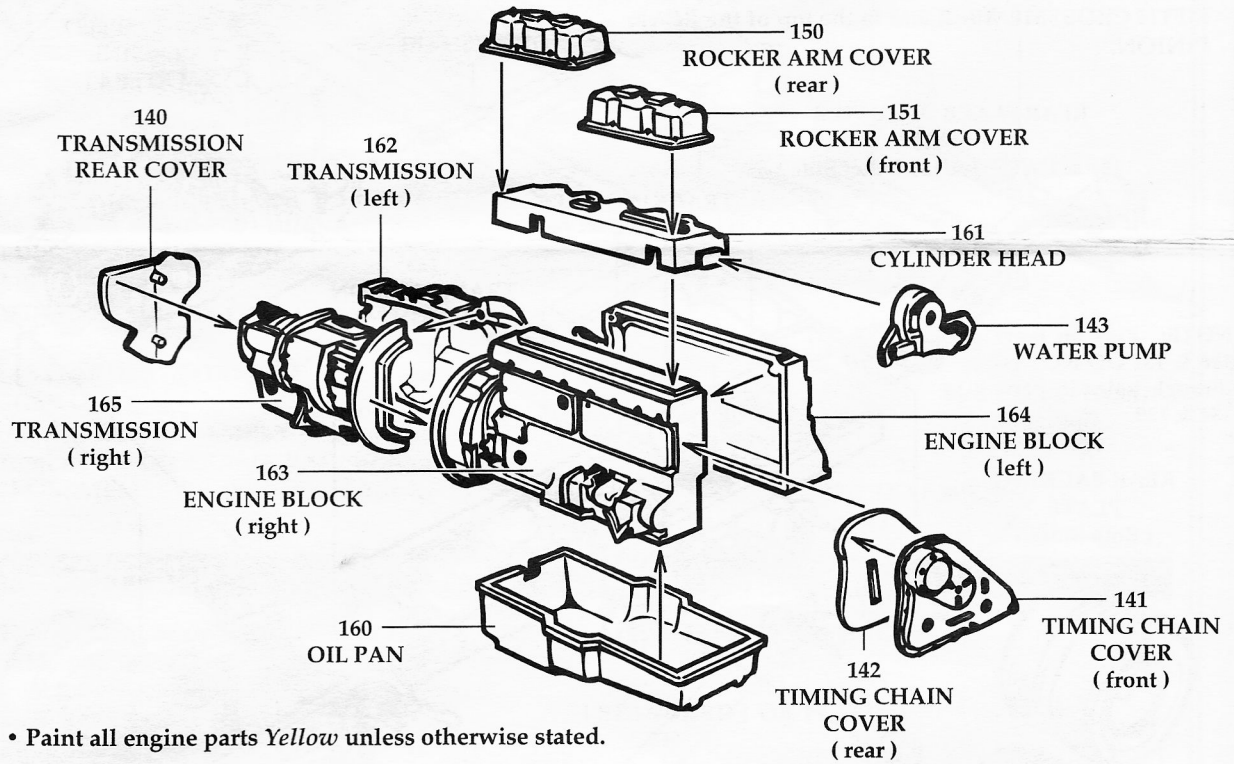
When painting a two-tone body, the lightest color should be painted first. Use frosted, or "magic," tape to mask off the area you do not want painted. After the second color is dry to the touch, the tape can be removed. Use a very fine brush to touch up edges if necessary. If decals are to be added, do so before adding any gloss coat. A gloss coat will help even out the edges between the two colors as well as set the decals.

We take great pride in providing the finest model kits available, giving strong attention to detail and craftsmanship. Should you have any difficulty with assembly or missing parts, please call the appropriate number listed below between the hours of 8:00 am to 4:30 pm central time, Monday through Friday.

Within in the U.S.A. ( toll free ) 1 - 800 - 553 - 4886  
Outside of the United States call 1 - 319 - 875 - 2000

## STEP 1: ENGINE / SUB - ASSEMBLY 'A'

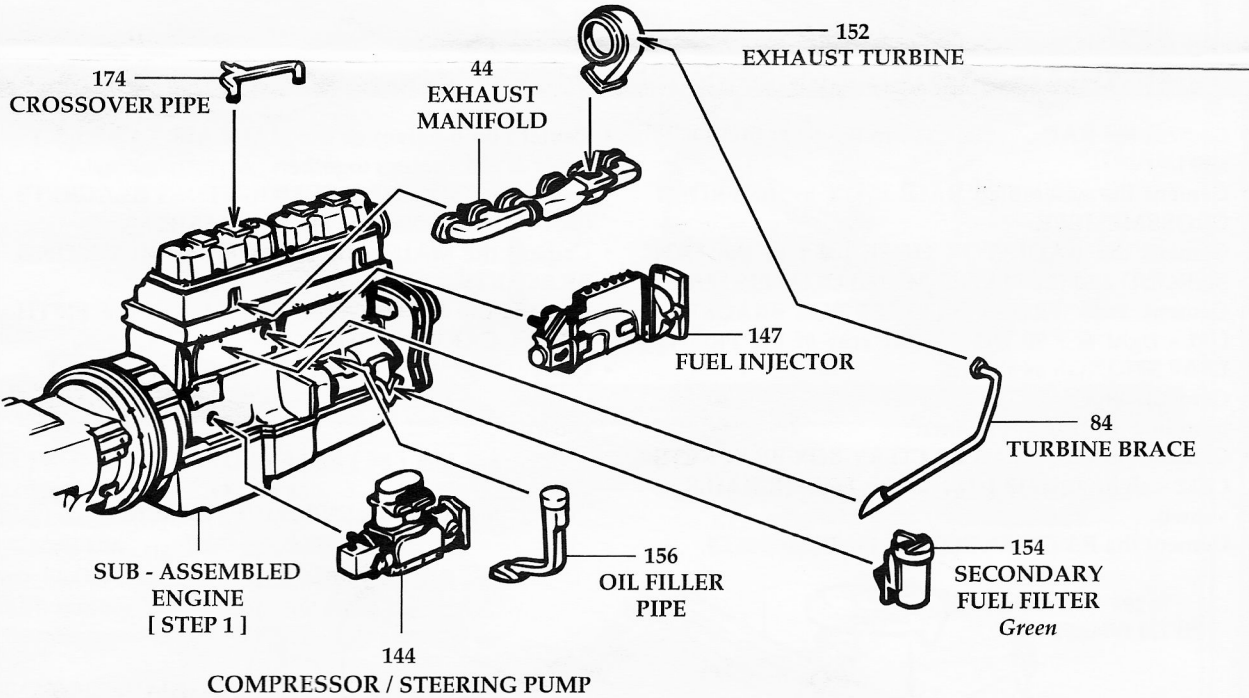
- Cement ENGINE BLOCK HALVES ( 163 - right & 164 - left ), TRANSMISSION HALVES ( 165 - right & - 162 left ) and TIMING CHAIN COVER HALVES ( 141 - front & - 142 rear ) together.
- Cement the TRANSMISSION REAR COVER ( 140 ) into position.
- Cement the TRANSMISSION, TIMING CHAIN COVER, OIL PAN ( 160 ) and the CYLINDER HEAD ( 161 ) to the ENGINE BLOCK.
- Cement both ROCKER ARM COVERS ( 151 - front & - 150 rear ) and the WATER PUMP ( 143 ) to the CYLINDER HEAD as shown.



- Paint all engine parts *Yellow* unless otherwise stated.

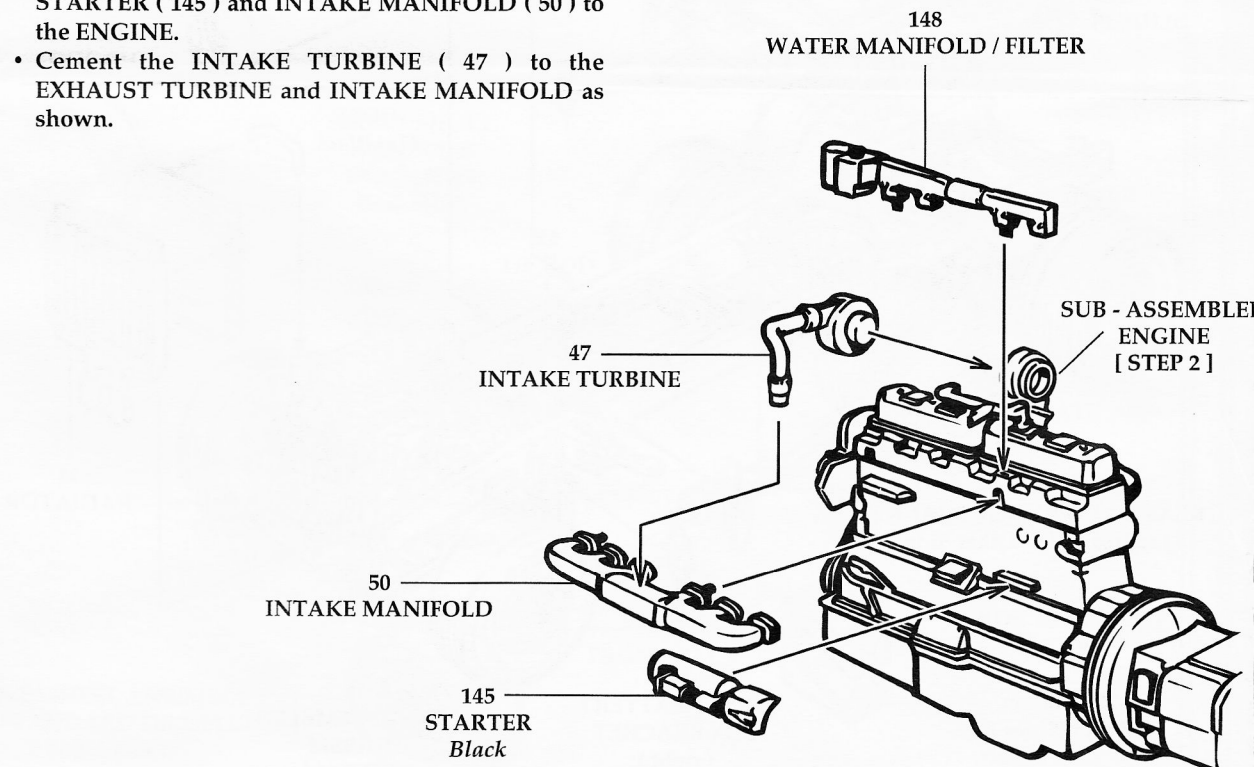
## STEP 2: ENGINE / SUB - ASSEMBLY 'B'

- Cement the EXHAUST MANIFOLD ( 44 ), COMPRESSOR / STEERING PUMP ( 144 ), and the FUEL INJECTOR ( 147 ) to the ENGINE.
- Cement the EXHAUST TURBINE ( 152 ) to the EXHAUST MANIFOLD.
- Cement the OIL FILLER PIPE ( 156 ) and SECONDARY FUEL FILTER ( 154 ) to the ENGINE.
- Cement the TURBINE BRACE ( 84 ) to the EXHAUST TURBINE and the ENGINE as shown.
- Cement the CROSSOVER PIPE ( 174 ) to the ROCKER ARM COVERS.



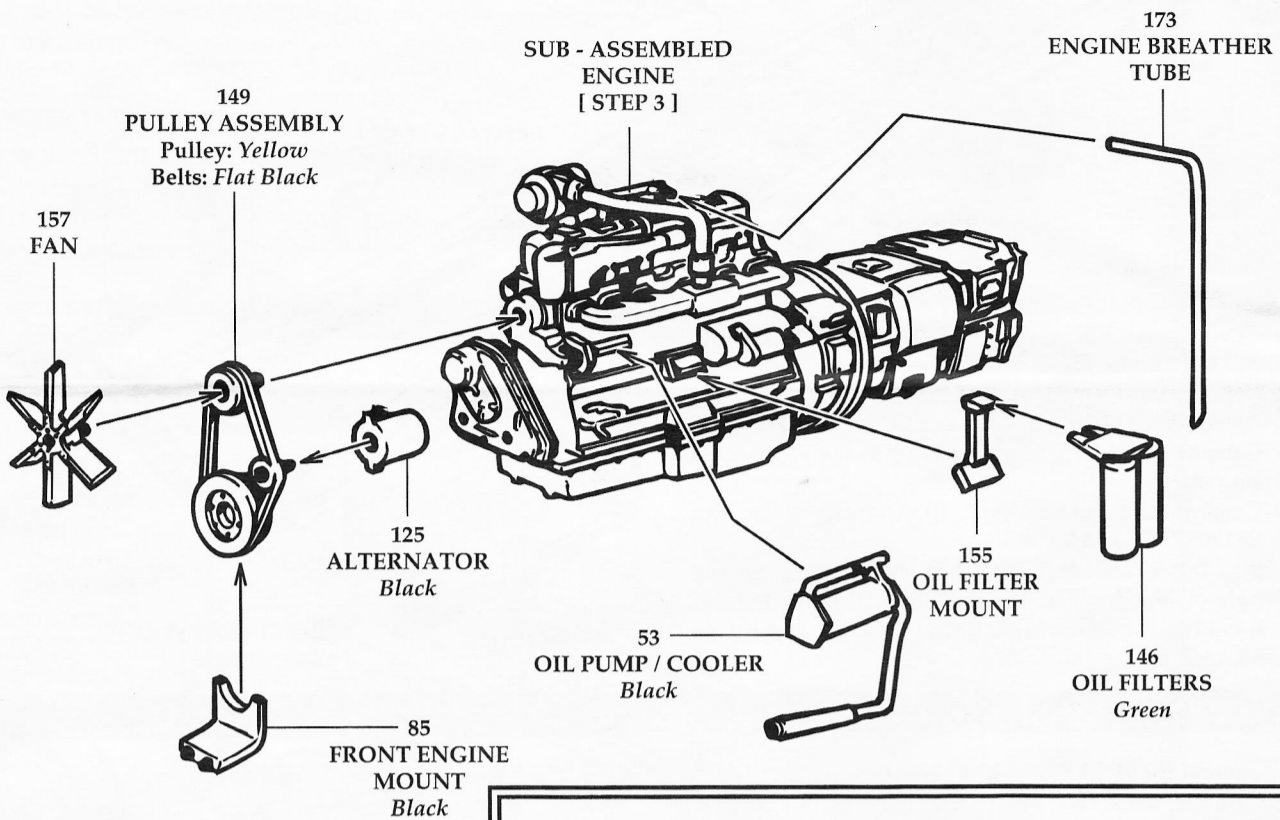
## STEP 3: ENGINE / SUB - ASSEMBLY 'C'

- Cement the WATER MANIFOLD / FILTER ( 148 ) STARTER ( 145 ) and INTAKE MANIFOLD ( 50 ) to the ENGINE.
- Cement the INTAKE TURBINE ( 47 ) to the EXHAUST TURBINE and INTAKE MANIFOLD as shown.



## STEP 4: ENGINE / FINAL ASSEMBLY

- Cement the FAN ( 157 ), FRONT ENGINE MOUNT ( 85 ) and ALTERNATOR ( 125 ) to the FAN BELT / PULLEY ASSEMBLY ( 149 ).
- Cement the FAN BELT / PULLEY ASSEMBLY and OIL FILTER MOUNT ( 155 ) to the ENGINE.
- Cement the OIL PUMP / COOLER ( 53 ) to the WATER PUMP.
- Cement the OIL FILTERS ( 146 ) to the OIL FILTER MOUNT ( 155 ).
- Cement the OIL FILTER MOUNT to the ENGINE.
- Cement the ENGINE BREATHER TUBE ( 173 ) to the CROSSOVER PIPE.



## STEP 5: TIRE PREPARATION

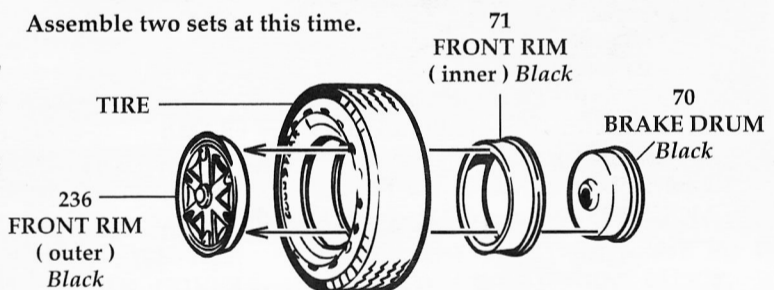
- Carefully remove the "SPIDERS" from the tires using a sharp hobby knife or "Modelers" knife.
- To simulate tire wear, scrape the tread with a knife or sandpaper.



## STEP 6: WHEEL ASSEMBLY

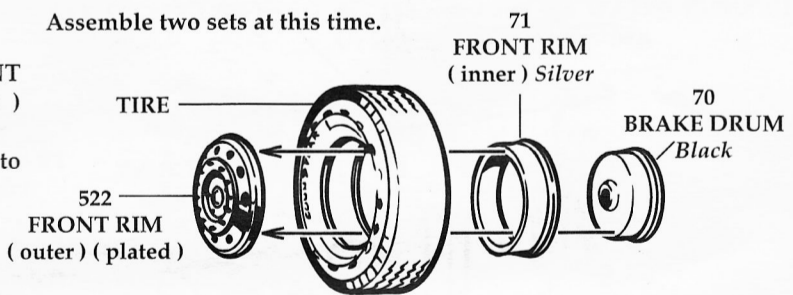
### FRONT / STANDARD

- Cement both halves of the FRONT RIM ( 236 - outer & - 71 inner ) together trapping a tire between.
- Cement the BRAKE DRUM ( 70 ) to the FRONT RIM as shown.



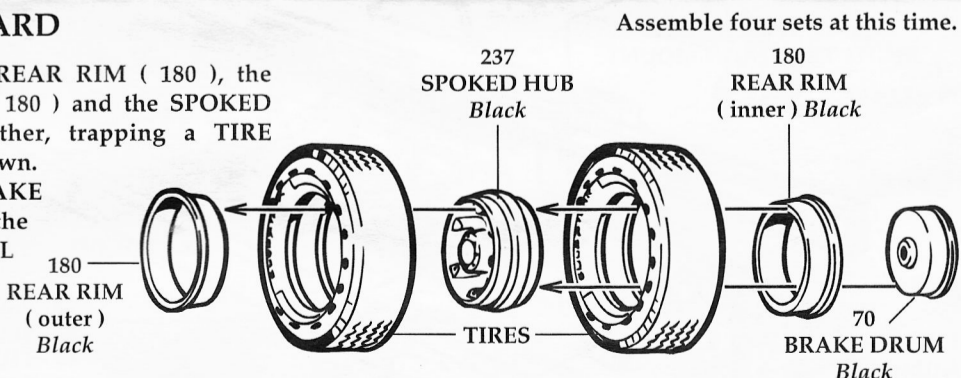
### FRONT / DELUXE

- Cement both halves of the FRONT RIM ( 522 - outer & - 71 inner ) together, trapping a tire between.
- Cement the BRAKE DRUM ( 70 ) to the FRONT RIM as shown.



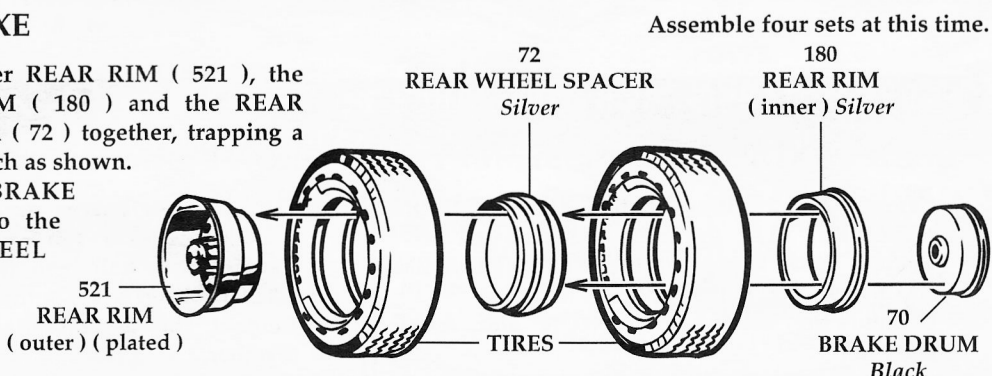
### REAR / STANDARD

- Cement the outer REAR RIM ( 180 ), the inner REAR RIM ( 180 ) and the SPOKED HUB ( 237 ) together, trapping a TIRE between each as shown.
- Cement the BRAKE DRUM ( 70 ) to the REAR WHEEL ASSEMBLY.



### REAR / DELUXE

- Cement the outer REAR RIM ( 521 ), the inner REAR RIM ( 180 ) and the REAR WHEEL SPACER ( 72 ) together, trapping a TIRE between each as shown.
- Cement the BRAKE DRUM ( 70 ) to the REAR WHEEL ASSEMBLY.

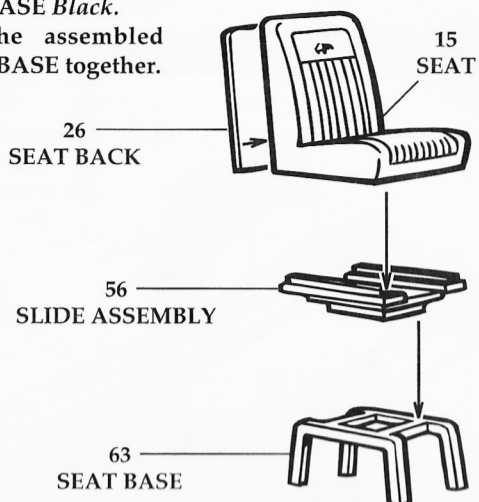


• Paint all engine parts *Yellow* unless otherwise stated.

## STEP 7: INTERIOR ASSEMBLY

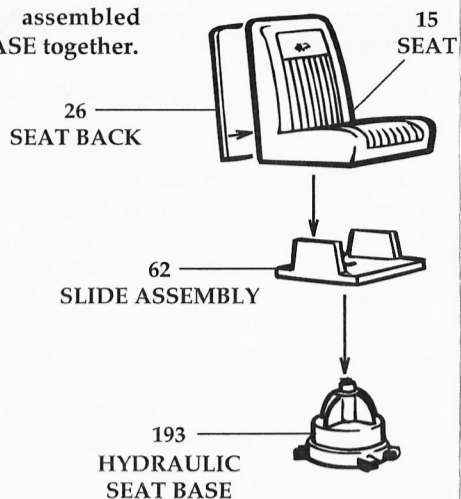
### PASSENGER SEAT ASSEMBLY

- Cement the SEAT BACK ( 26 ) to the SEAT ( 15 ).
- Paint the SEAT *Brown*.
- Cement the SEAT BASE ( 63 ) and SLIDE ASSEMBLY ( 56 ) together.
- Paint the BASE *Black*.
- Cement the assembled SEAT and BASE together.



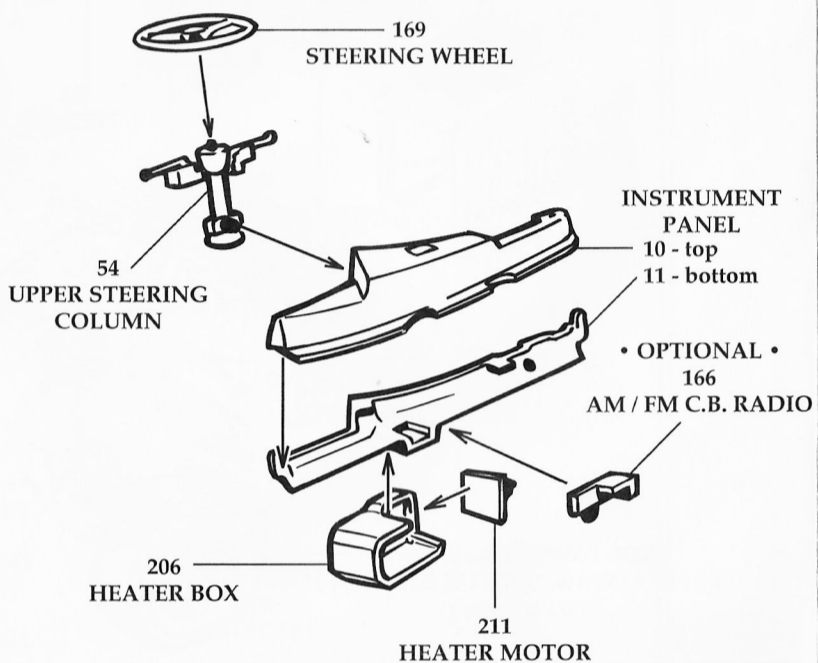
### DRIVER'S SEAT ASSEMBLY

- Cement the SEAT BACK ( 26 ) to the SEATS ( 15 ).
- Paint the SEAT *Brown*.
- Cement the SLIDE ASSEMBLY ( 62 ) to the HYDRAULIC SEAT BASE ( 193 ) as shown.
- Paint the BASE *Black*.
- Cement the assembled SEAT and BASE together.



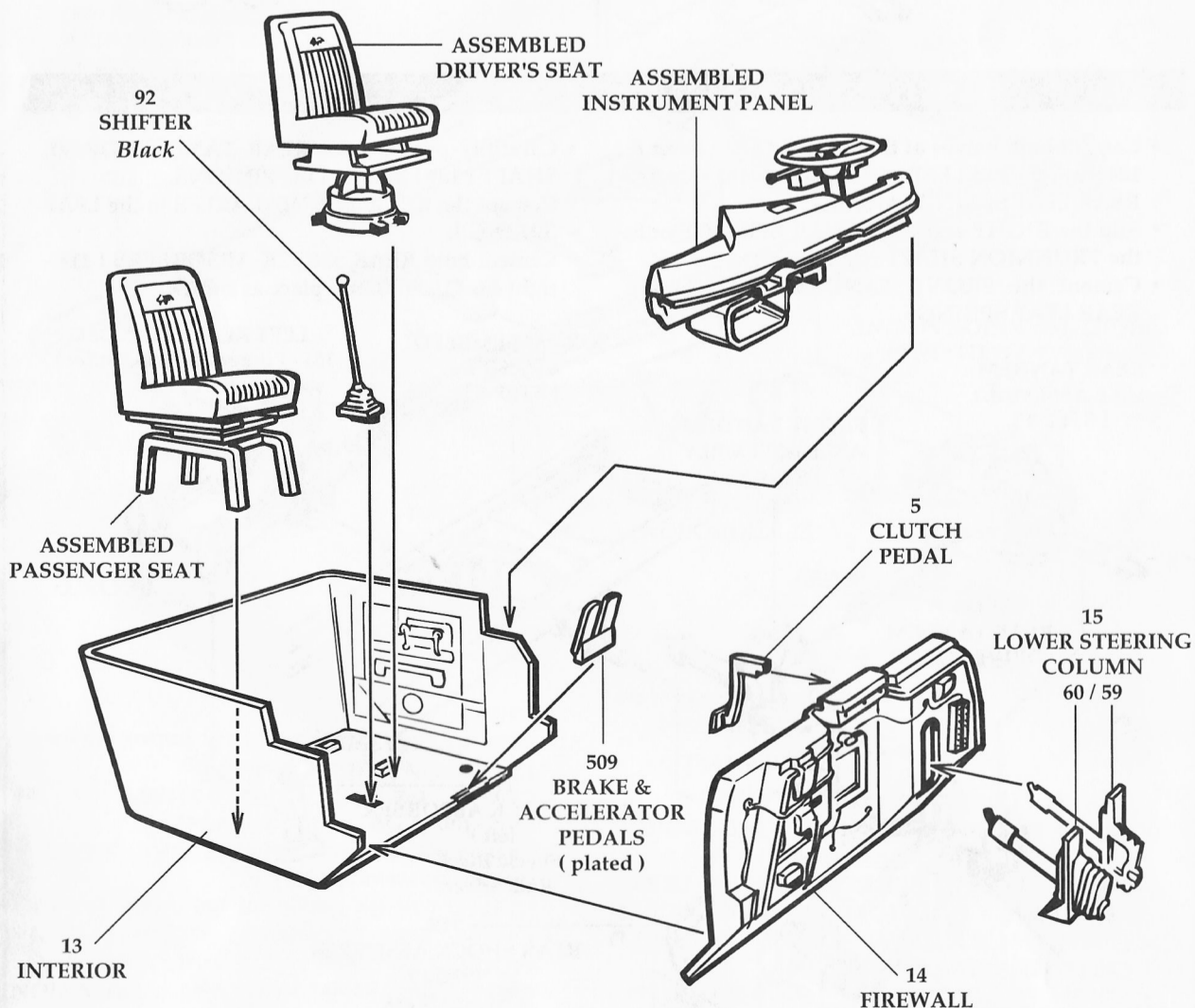
### INSTRUMENT PANEL ASSEMBLY

- Cement both halves of the INSTRUMENT PANEL ( 10 - top & 11 - bottom ) together.
- Cement the HEATER MOTOR ( 211 ) to the HEATER BOX ( 206 ).
- Cement the HEATER, C.B. RADIO ( 166 ) and the UPPER STEERING COLUMN ( 54 ) to the "DASH".
- Paint the entire dash *Black*. Highlight the wood grain areas *Brown* and the gauges and knobs *Silver*.
- Cement the STEERING WHEEL ( 169 ) to the UPPER STEERING COLUMN.
- Paint the STEERING WHEEL *Black*.



### INTERIOR ASSEMBLY

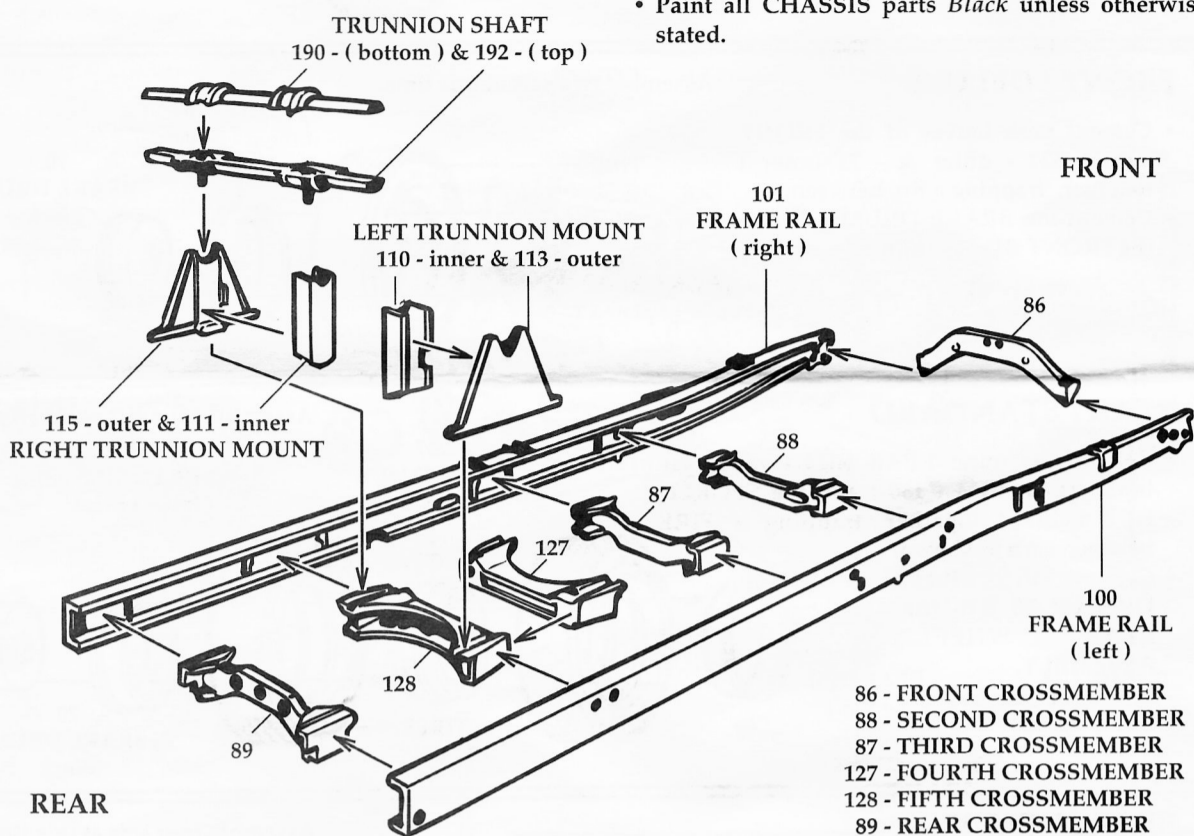
- Cement the LOWER STEERING COLUMN ( - 60 right & 59 - left ) together.
- Cement the LOWER STEERING COLUMN and the CLUTCH PEDAL ( 5 ) to the FIREWALL ( 14 ) as shown.
- Paint *Black*.
- Paint the inside of the INTERIOR ( 13 ) *Brown*.
- Cement both SEATS, the BRAKE / ACCELERATOR PEDALS ( 509 ), SHIFTER ( 92 ), INSTRUMENT PANEL and FIREWALL to the INTERIOR.



## STEP 8: CHASSIS / SUB - ASSEMBLY 'A'

- Cement the FOURTH ( 127 ) and FIFTH ( 128 ) CROSSMEMBERS together.
- Cement the FRONT ( 86 ), SECOND ( 88 ), THIRD ( 87 ), REAR ( 89 ), and the assembled FOURTH and FIFTH CROSSMEMBERS to the two FRAME RAILS ( 100 - left & 101 - right ) as shown.
- Cement both halves of the RIGHT TRUNNION MOUNT ( 115 - outer & 111 - inner ) together.

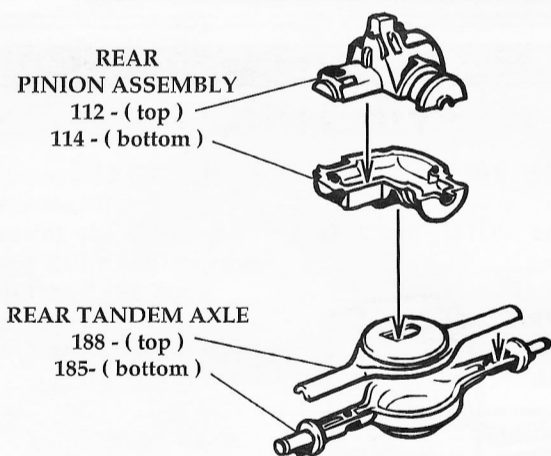
- Cement both halves of the LEFT TRUNNION MOUNT ( 113 - outer & - 110 inner ) together.
- Cement both TRUNNION MOUNTS to the FRAME, ( to the bottom of the fourth and fifth crossmembers as shown ).
- Cement both halves of the TRUNNION SHAFT ( 192 - top & 190 - bottom ) together.
- Cement the TRUNNION SHAFT to the TRUNNION MOUNT as shown.
- Paint all CHASSIS parts *Black* unless otherwise stated.



## STEP 9: CHASSIS / SUB - ASSEMBLY 'B'

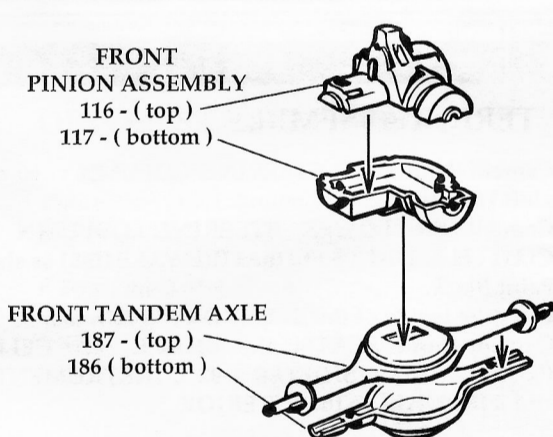
### REAR TANDEM AXLE ASSEMBLY

- Cement both halves of the REAR PINION ASSEMBLY ( 112 - top & 114 - bottom ) together. Cement both halves of the REAR TANDEM AXLE ( 188 - top & 185 - bottom ) together. Cement the assembled PINION and AXLE together.



### FRONT TANDEM AXLE ASSEMBLY

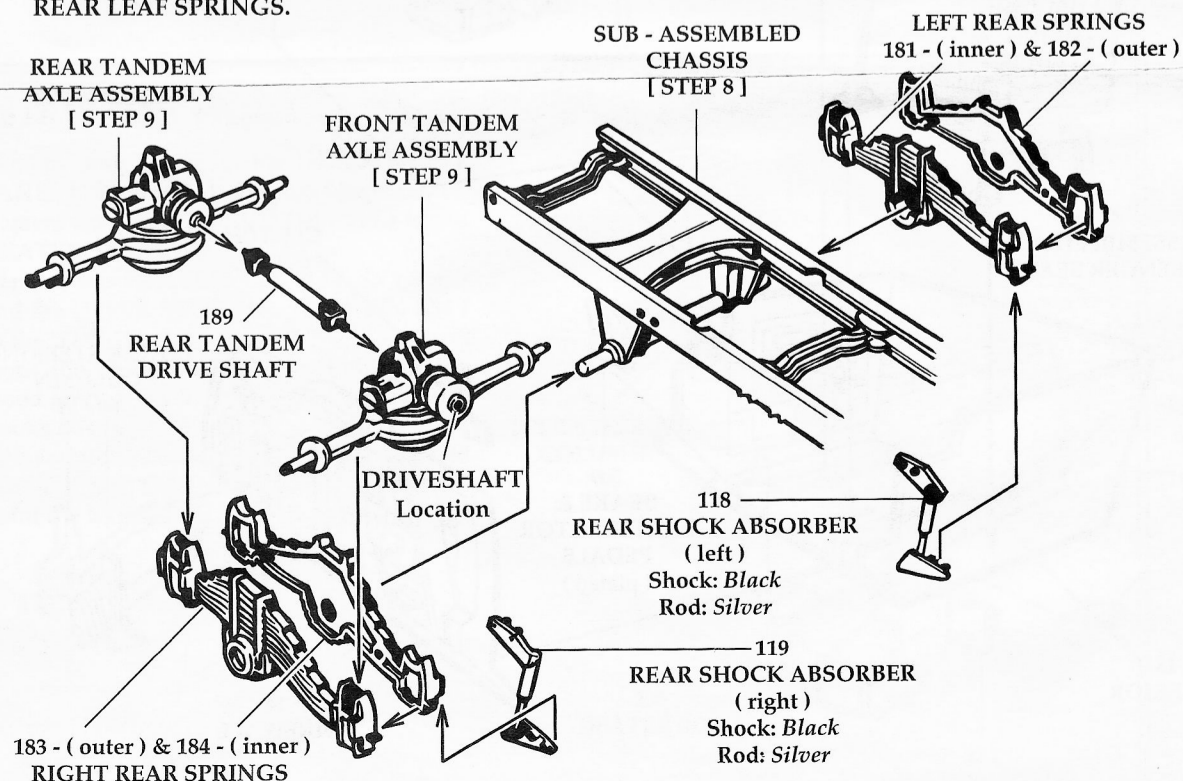
- Cement both halves of the FRONT PINION ASSEMBLY ( 116 - top & - 117 bottom ) together. Cement both halves of the FRONT TANDEM AXLE ( 187 top & 186 bottom ) together. Cement the assembled PINION and AXLE together.



## STEP 10: CHASSIS / SUB - ASSEMBLY 'C'

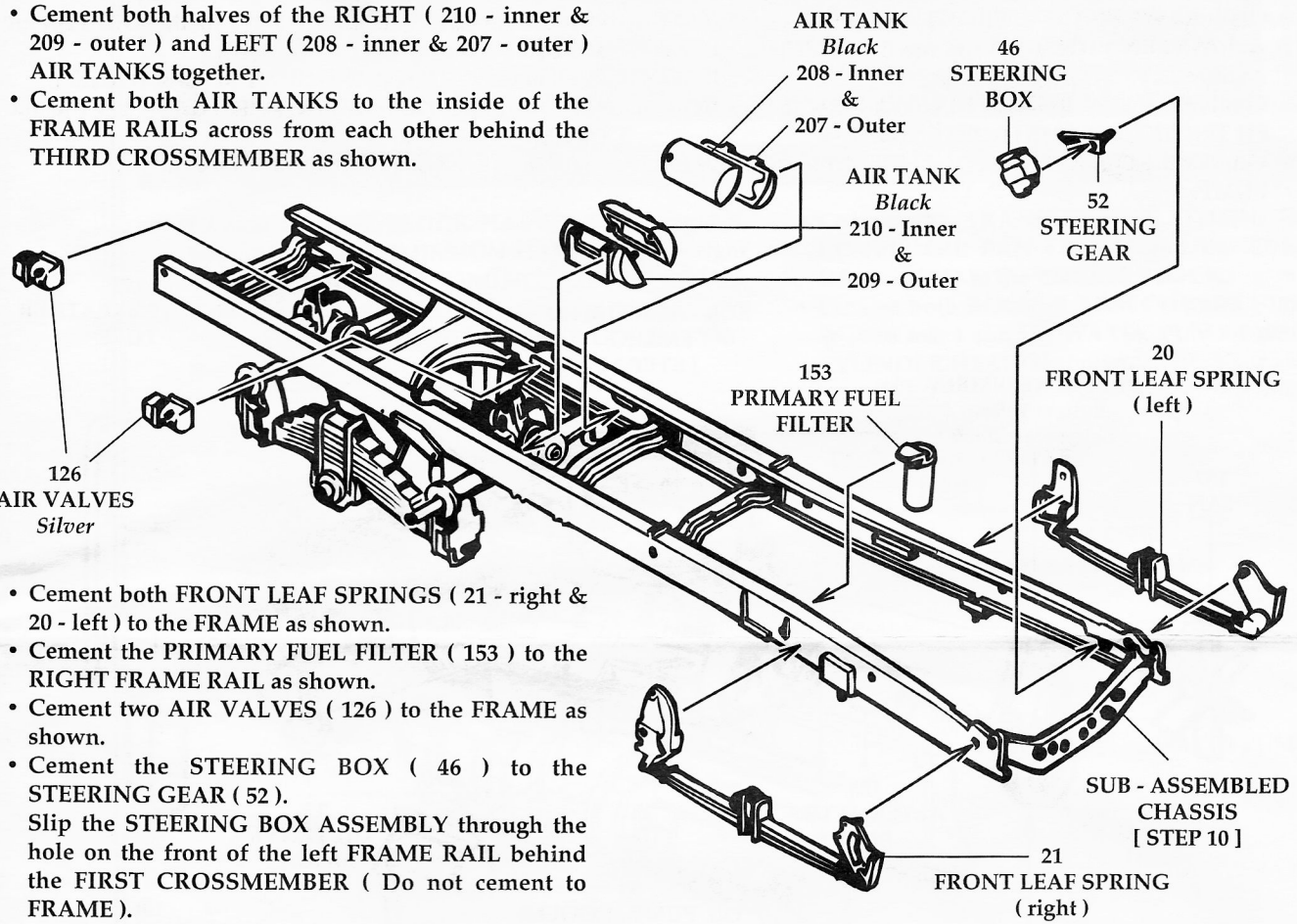
- Cement both halves of the RIGHT ( 183 - outer & 184 - inner ) and LEFT ( 182 - outer & 181 - inner ) REAR LEAF SPRINGS together.
- Slip the RIGHT and LEFT REAR SPRINGS onto the TRUNNION SHAFT and cement.
- Cement the FRONT TANDEM AXLE to the REAR LEAF SPRINGS.

- Carefully position the REAR TANDEM DRIVE SHAFT ( 189 ) between the PINIONS.
- Cement the REAR TANDEM AXLES to the LEAF SPRINGS.
- Cement both REAR SHOCK ABSORBERS ( 118 - right & - 119 left ) into place as shown.



## STEP 11: CHASSIS / SUB - ASSEMBLY 'D'

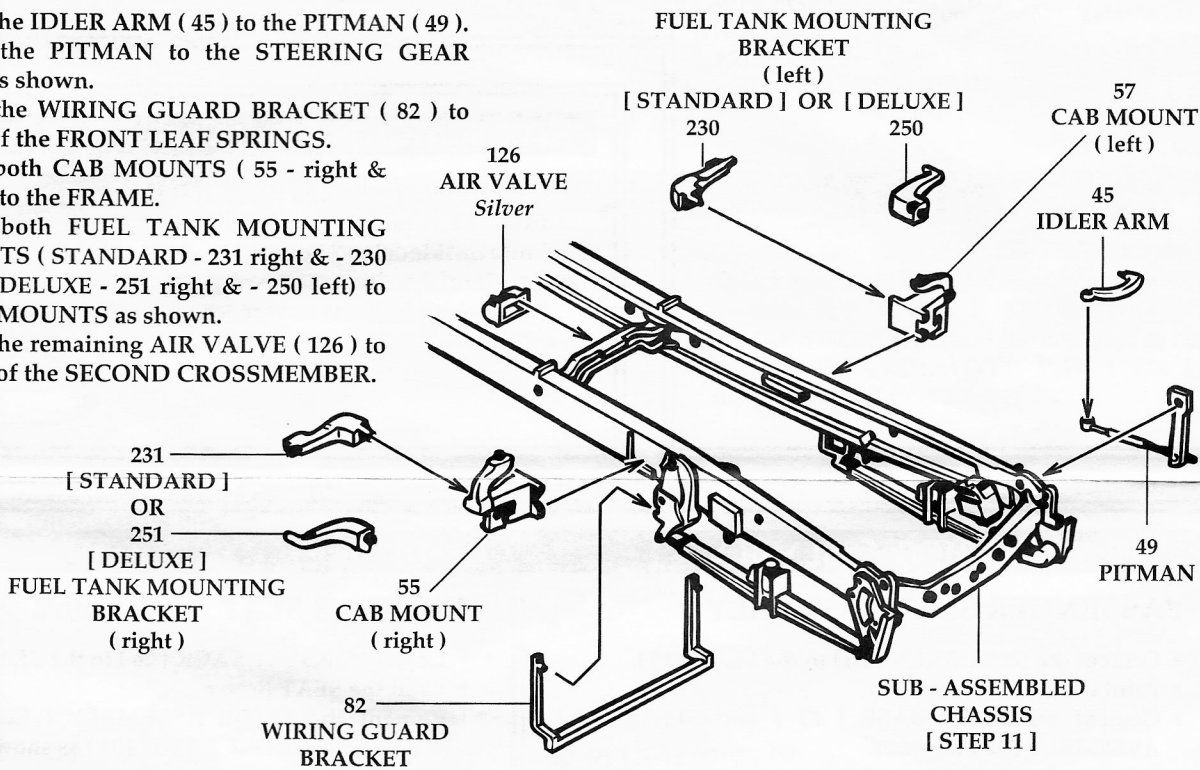
- Cement both halves of the RIGHT ( 210 - inner & 209 - outer ) and LEFT ( 208 - inner & 207 - outer ) AIR TANKS together.
- Cement both AIR TANKS to the inside of the FRAME RAILS across from each other behind the THIRD CROSSMEMBER as shown.



- Cement both FRONT LEAF SPRINGS ( 21 - right & 20 - left ) to the FRAME as shown.
  - Cement the PRIMARY FUEL FILTER ( 153 ) to the RIGHT FRAME RAIL as shown.
  - Cement two AIR VALVES ( 126 ) to the FRAME as shown.
  - Cement the STEERING BOX ( 46 ) to the STEERING GEAR ( 52 ).
- Slip the STEERING BOX ASSEMBLY through the hole on the front of the left FRAME RAIL behind the FIRST CROSSMEMBER ( Do not cement to FRAME ).

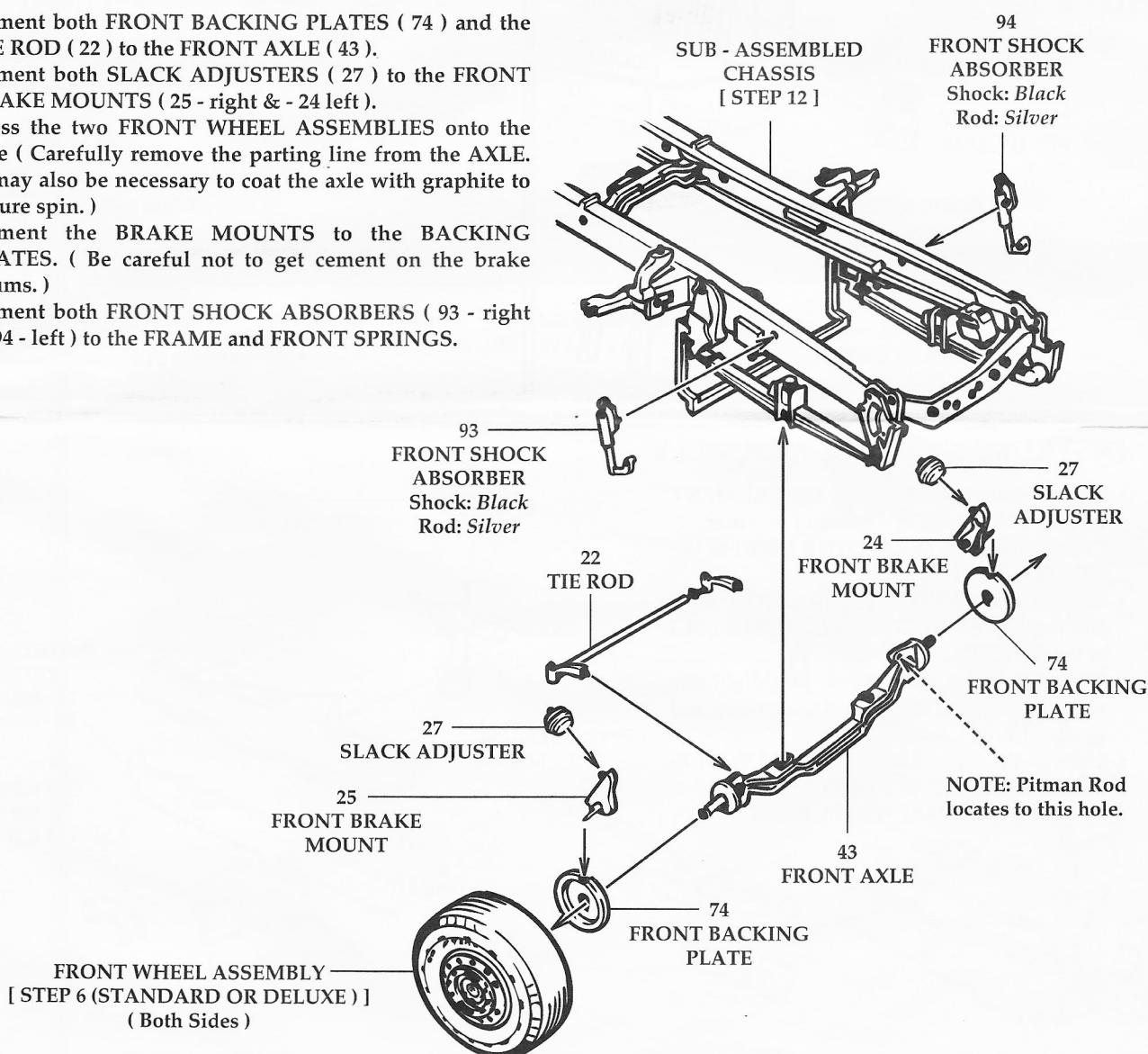
## STEP 12: CHASSIS / SUB - ASSEMBLY 'E'

- Cement the IDLER ARM ( 45 ) to the PITMAN ( 49 ).
- Cement the PITMAN to the STEERING GEAR SHAFT as shown.
- Cement the WIRING GUARD BRACKET ( 82 ) to the rear of the FRONT LEAF SPRINGS.
- Cement both CAB MOUNTS ( 55 - right & 57 - left ) to the FRAME.
- Cement both FUEL TANK MOUNTING BRACKETS ( STANDARD - 231 right & - 230 left ) or ( DELUXE - 251 right & - 250 left ) to the CAB MOUNTS as shown.
- Cement the remaining AIR VALVE ( 126 ) to the back of the SECOND CROSSMEMBER.



## STEP 13: CHASSIS / SUB - ASSEMBLY 'F'

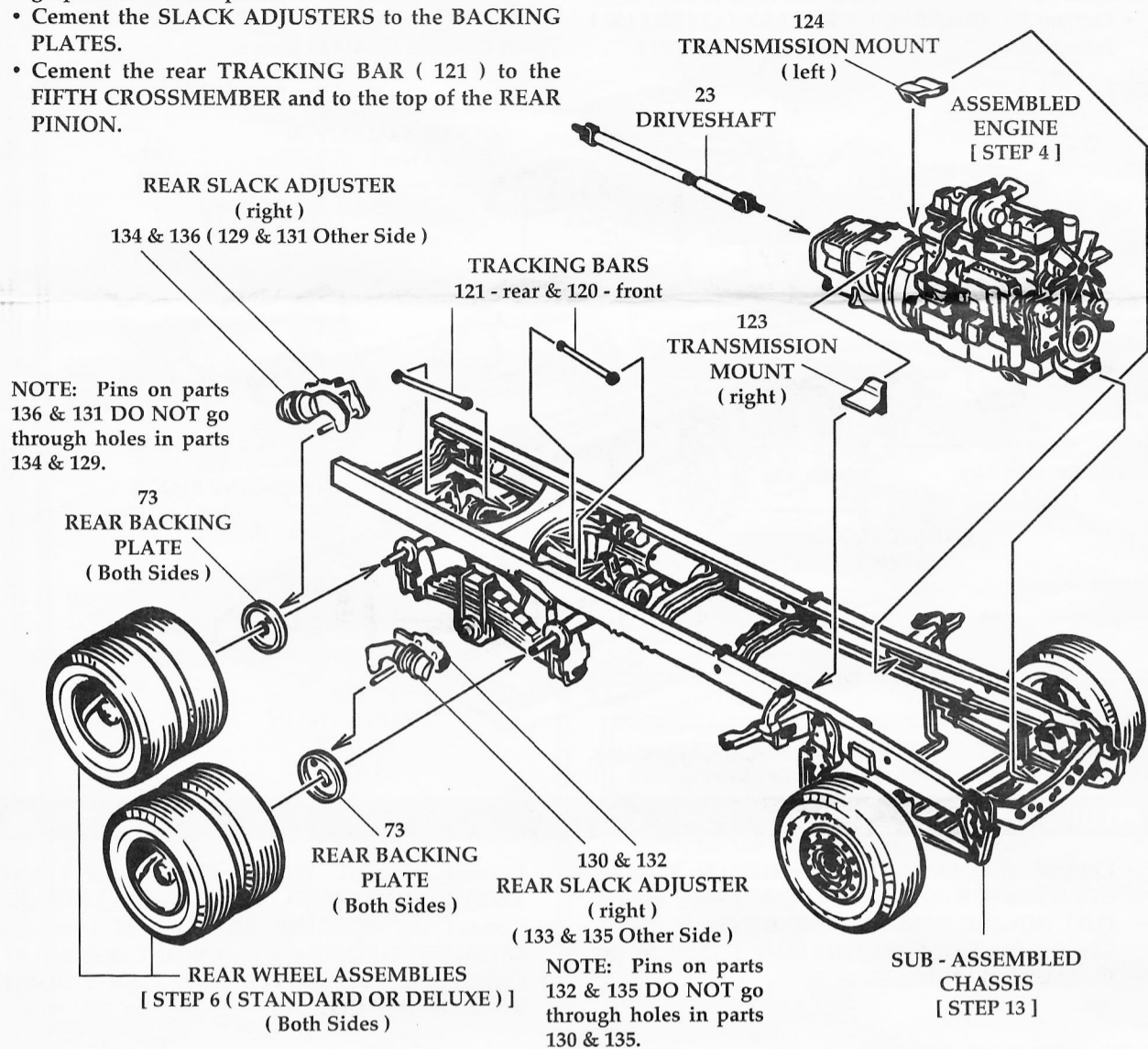
- Cement both FRONT BACKING PLATES ( 74 ) and the TIE ROD ( 22 ) to the FRONT AXLE ( 43 ).
- Cement both SLACK ADJUSTERS ( 27 ) to the FRONT BRAKE MOUNTS ( 25 - right & - 24 left ).
- Press the two FRONT WHEEL ASSEMBLIES onto the axle ( Carefully remove the parting line from the AXLE. It may also be necessary to coat the axle with graphite to assure spin. )
- Cement the BRAKE MOUNTS to the BACKING PLATES. ( Be careful not to get cement on the brake drums. )
- Cement both FRONT SHOCK ABSORBERS ( 93 - right & 94 - left ) to the FRAME and FRONT SPRINGS.



## STEP 14: CHASSIS / SUB - ASSEMBLY 'G'

- Cement both REAR SLACK ADJUSTERS ( right: 134 - outer & 136 - inner ) and ( left: 129 - outer & 131 - inner ) together .
- Cement both FRONT SLACK ADJUSTERS ( right: 130 - outer & - 132 inner ) and ( left: 133 - outer & 135 - inner ) together .
- Cement the REAR BACKING PLATES ( 73 ) to the REAR AXLES ( Both Sides ) and press the four REAR WHEEL ASSEMBLIES onto the REAR AXLES ( It may also be necessary to coat the axle with graphite to assure spin. ).
- Cement the SLACK ADJUSTERS to the BACKING PLATES.
- Cement the rear TRACKING BAR ( 121 ) to the FIFTH CROSSMEMBER and to the top of the REAR PINION.

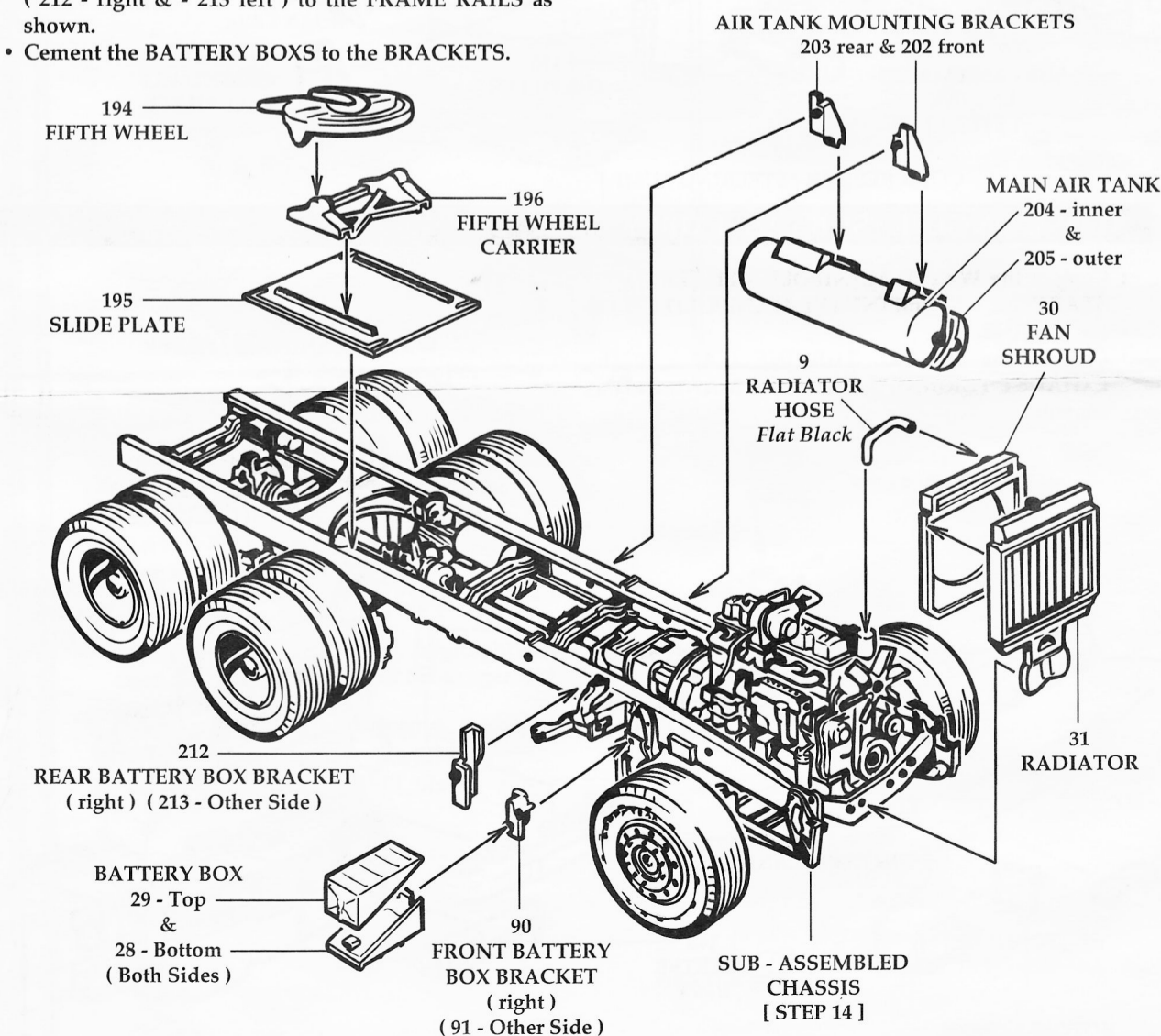
- Cement the front TRACKING BAR ( 120 ) to the FOURTH CROSSMEMBER and to the top of the FRONT PINION.
- Cement both TRANSMISSION MOUNTS ( 123 - right & 124 - left ) to the TRANSMISSION.
- Carefully position the DRIVESHAFT ( 23 ) into the FRONT PINION and the TRANSMISSION.
- Cement the TRANSMISSION MOUNTS and ENGINE to the CHASSIS as shown.



## STEP 15: CHASSIS / SUB - ASSEMBLY 'H'

- Cement the RADIATOR ( 31 ) to the FAN SHROUD ( 30 ).
- Cement the assembled RADIATOR to the FRONT CROSSMEMBER.
- Cement the RADIATOR HOSE ( 9 ) to the FAN SHROUD and the WATER MANIFOLD / FILTER.
- Cement both FRONT BATTERY BOX BRACKETS ( 91 - right & - 90 left ) to the rear of the FRONT LEAF SPRINGS as shown.
- Cement both BATTERY BOXES ( 29 top - & 28 - bottom 2 pcs. each ) together.
- Cement both the REAR BATTERY BOX BRACKETS ( 212 - right & - 213 left ) to the FRAME RAILS as shown.
- Cement the BATTERY BOXES to the BRACKETS.

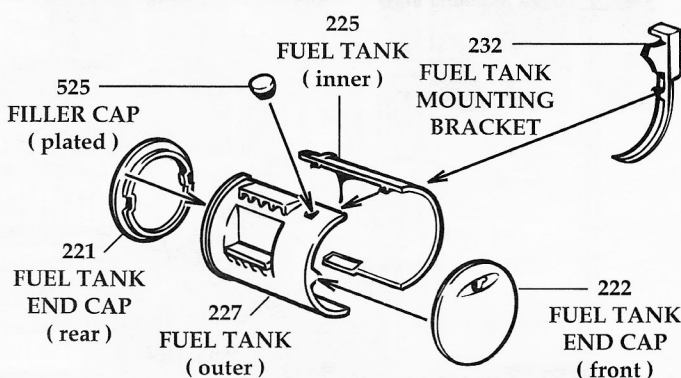
- Cement both halves of the MAIN AIR TANK ( 204 - inner & 205 - outer ) together.
- Cement both AIR TANK MOUNTING BRACKETS ( 202 - front & 203 - rear ) to the FRAME.
- Cement the MAIN AIR TANK to the MOUNTING BRACKETS.
- Cement the FIFTH WHEEL ( 194 ) to the FIFTH WHEEL CARRIER ( 196 ).
- Cement the CARRIER to the SLIDE PLATE ( 195 ).
- Cement the SLIDE PLATE to top of the FRAME as shown.



## STEP 16 'A': FUEL TANK ASSEMBLY [ STANDARD ]

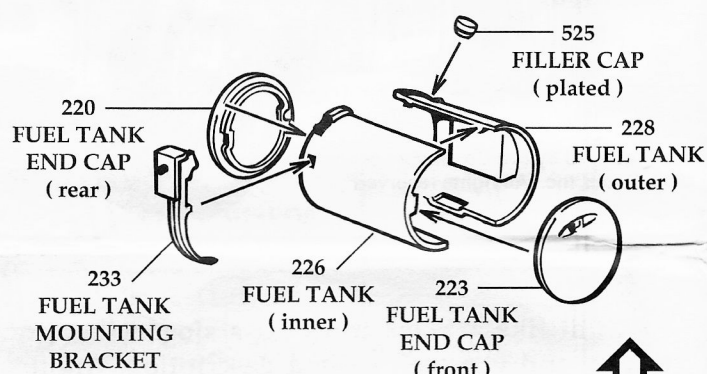
### RIGHT

- Cement both halves of the FUEL TANK ( 227 - outer & - 225 inner ) together.
- Cement the FUEL TANK END CAPS ( 222 - front & 221 - rear ) to the FUEL TANK as shown.
- Cement the FUEL TANK to the REAR MOUNTING BRACKET ( 232 ).
- Cement the FILLER CAP ( 525 ) to the FUEL TANK as shown.
- Paint the FUEL TANK *Aluminum* and the Strap *Black*.



### LEFT

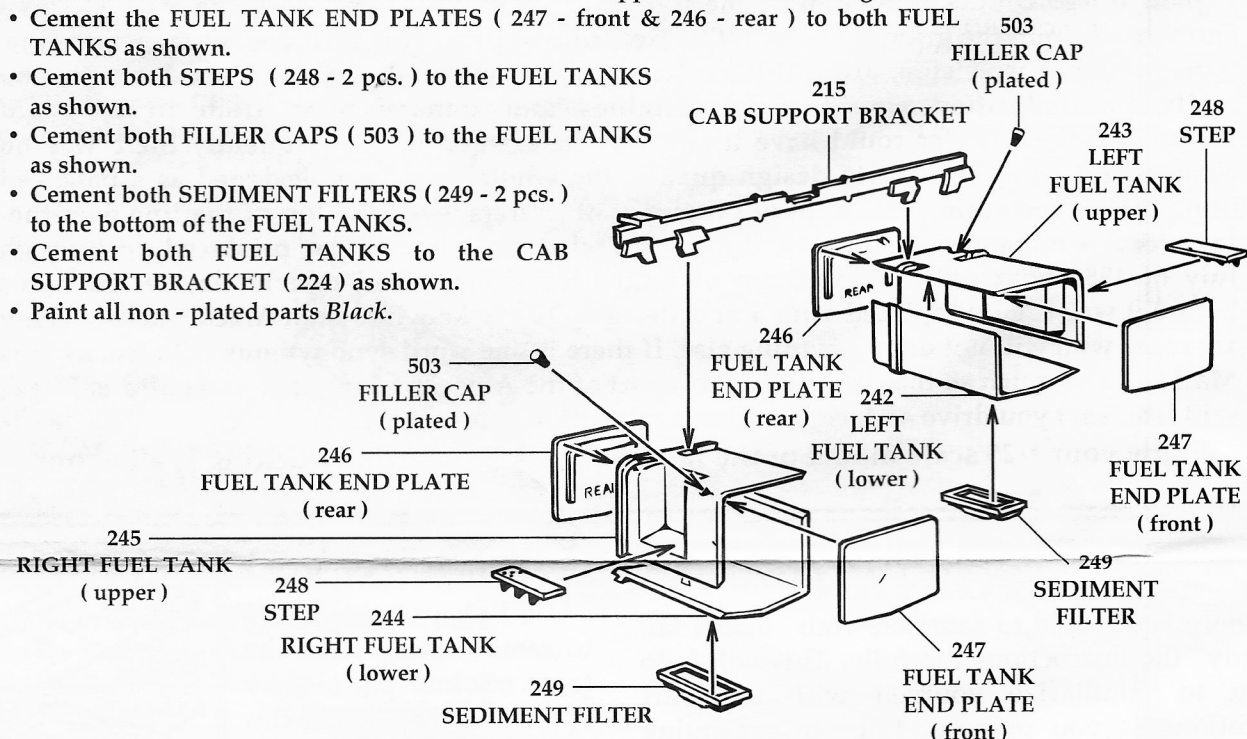
- Cement both halves of the FUEL TANK ( 228 - outer & - 226 inner ) together.
- Cement the FUEL TANK END CAPS ( 223 - front & 220 - rear ) to the FUEL TANK as shown.
- Cement the FUEL TANK to the REAR MOUNTING BRACKET ( 233 ).
- Cement the FILLER CAP ( 525 ) to the FUEL TANK as shown.
- Paint the FUEL TANK *Aluminum* and the Strap *Black*.



## STEP 16 'B': FUEL TANK ASSEMBLY [ DELUXE ]



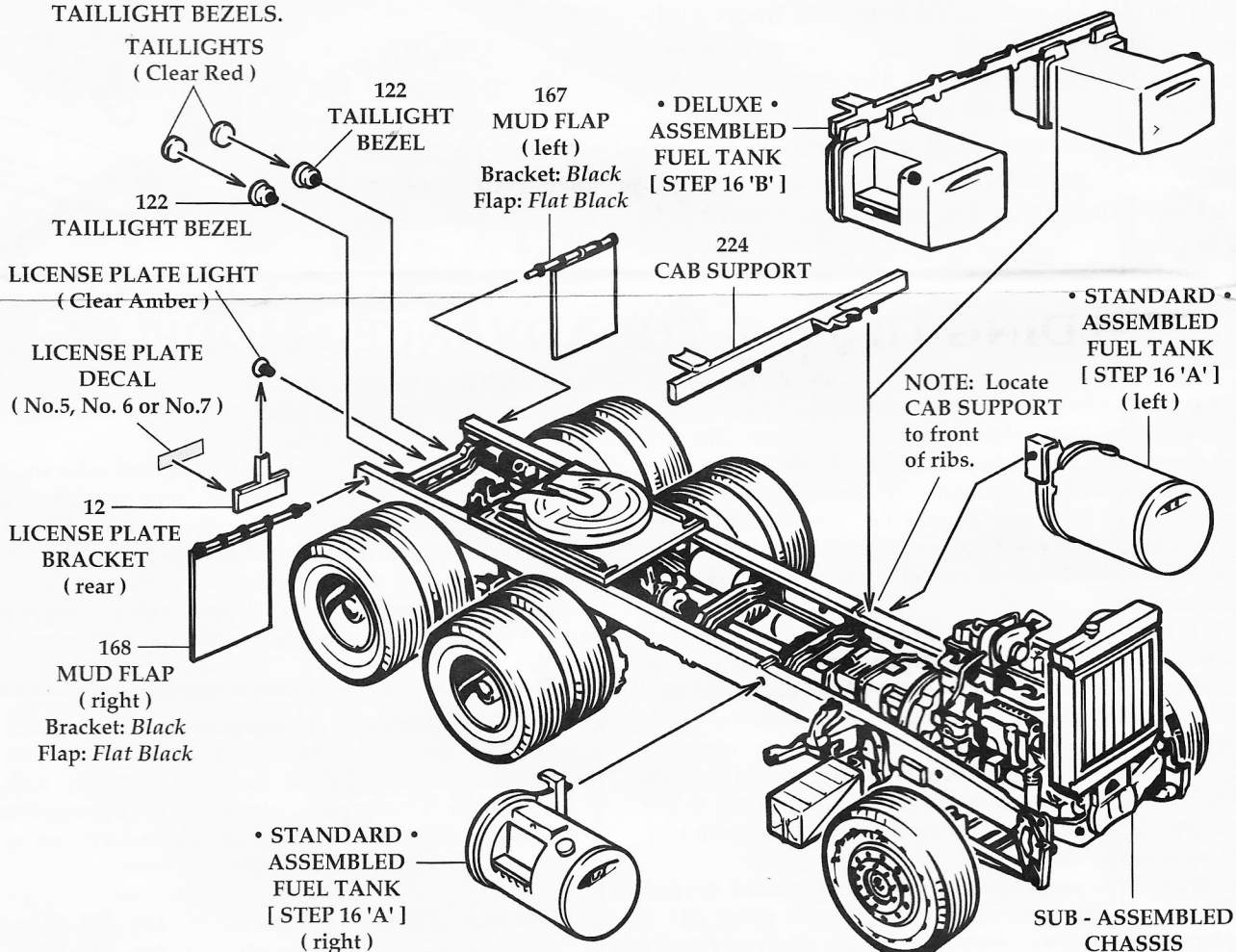
- Cement both halves of the RIGHT FUEL TANK ( 245 - upper & 244 - lower ) together.
- Cement both halves of the LEFT FUEL TANK ( 243 - upper & 242 - lower ) together.
- Cement the FUEL TANK END PLATES ( 247 - front & 246 - rear ) to both FUEL TANKS as shown.
- Cement both STEPS ( 248 - 2 pcs. ) to the FUEL TANKS as shown.
- Cement both FILLER CAPS ( 503 ) to the FUEL TANKS as shown.
- Cement both SEDIMENT FILTERS ( 249 - 2 pcs. ) to the bottom of the FUEL TANKS.
- Cement both FUEL TANKS to the CAB SUPPORT BRACKET ( 224 ) as shown.
- Paint all non - plated parts *Black*.



## STEP 17: CHASSIS / SUB - ASSEMBLY 'I'

- Cement both MUD FLAPS ( 168 right & 167 left ) to the FRAME RAILS.
- Cement both TAILLIGHT BEZELS ( 122, 2 pcs.. ) to the REAR CROSSMEMBER.
- Cement one of the five Clear Amber lights to the center hole of the REAR CROSSMEMBER.
- Cement the LICENSE PLATE BRACKET ( 12 ) to the CROSSMEMBER below the light.
- Cement two Clear Red TAILLIGHTS to the TAILLIGHT BEZELS.

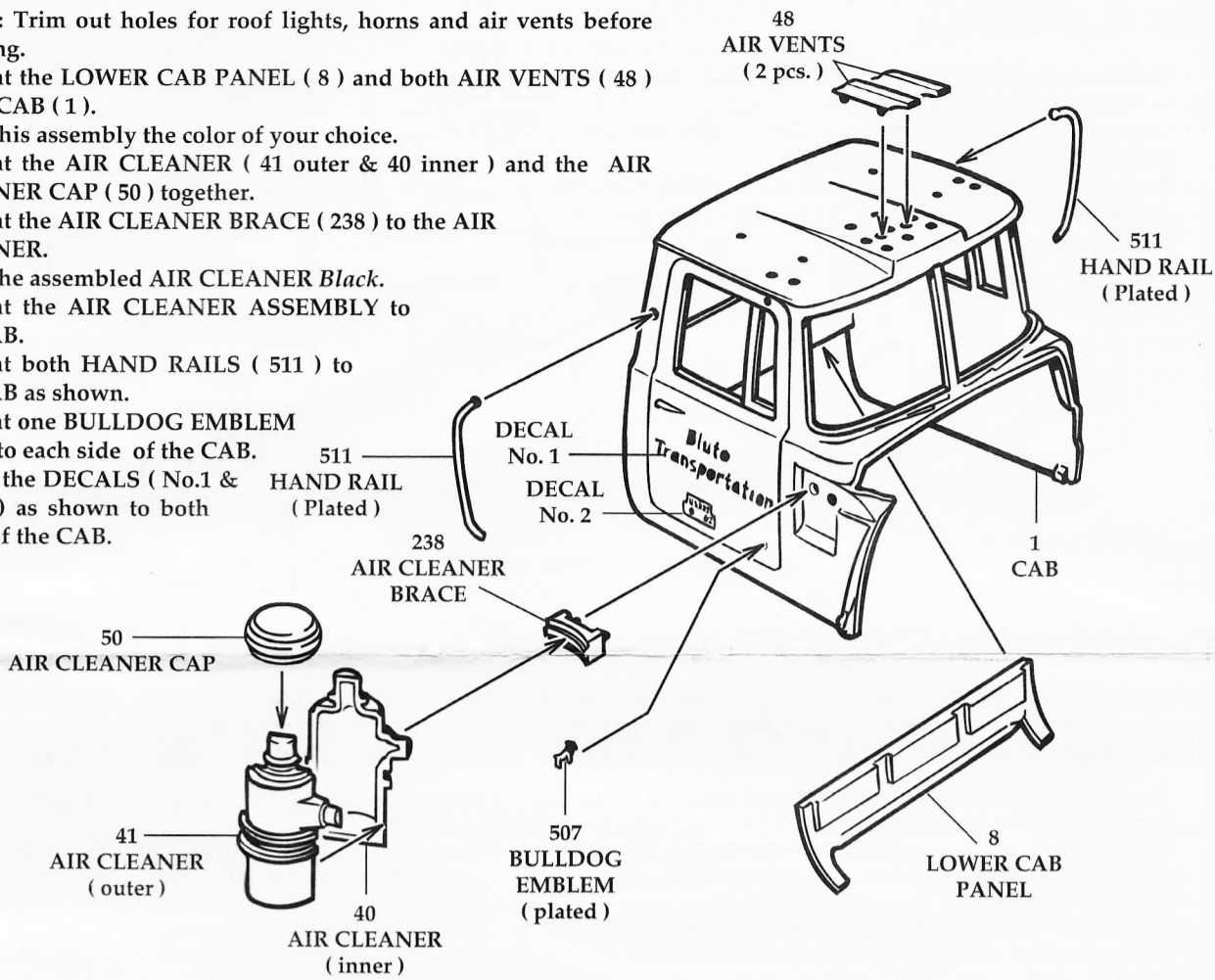
- STANDARD •
- Cement the CAB SUPPORT ( 224 ) to the CHASSIS.
- Cement the FUEL TANKS [STEP 16 'A'] to the CAB SUPPORT and CHASSIS as shown.
- OR
- DELUXE •
- Cement the FUEL TANK ASSEMBLY [STEP 16 'B'] to the CHASSIS as shown.



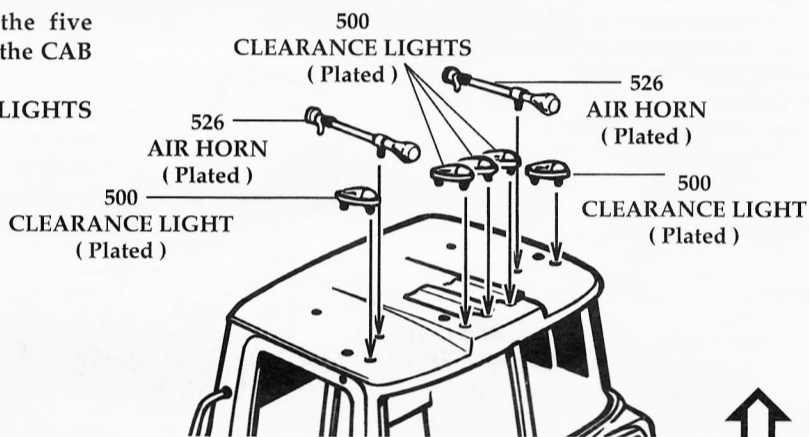


## STEP 18 'A': CAB / SUB - ASSEMBLY [ STANDARD ]

- NOTE: Trim out holes for roof lights, horns and air vents before painting.
- Cement the LOWER CAB PANEL ( 8 ) and both AIR VENTS ( 48 ) to the CAB ( 1 ).
- Paint this assembly the color of your choice.
- Cement the AIR CLEANER ( 41 outer & 40 inner ) and the AIR CLEANER CAP ( 50 ) together.
- Cement the AIR CLEANER BRACE ( 238 ) to the AIR CLEANER.
- Paint the assembled AIR CLEANER *Black*.
- Cement the AIR CLEANER ASSEMBLY to the CAB.
- Cement both HAND RAILS ( 511 ) to the CAB as shown.
- Cement one BULLDOG EMBLEM ( 507 ) to each side of the CAB. Apply the DECALS ( No.1 & No. 2 ) as shown to both sides of the CAB.



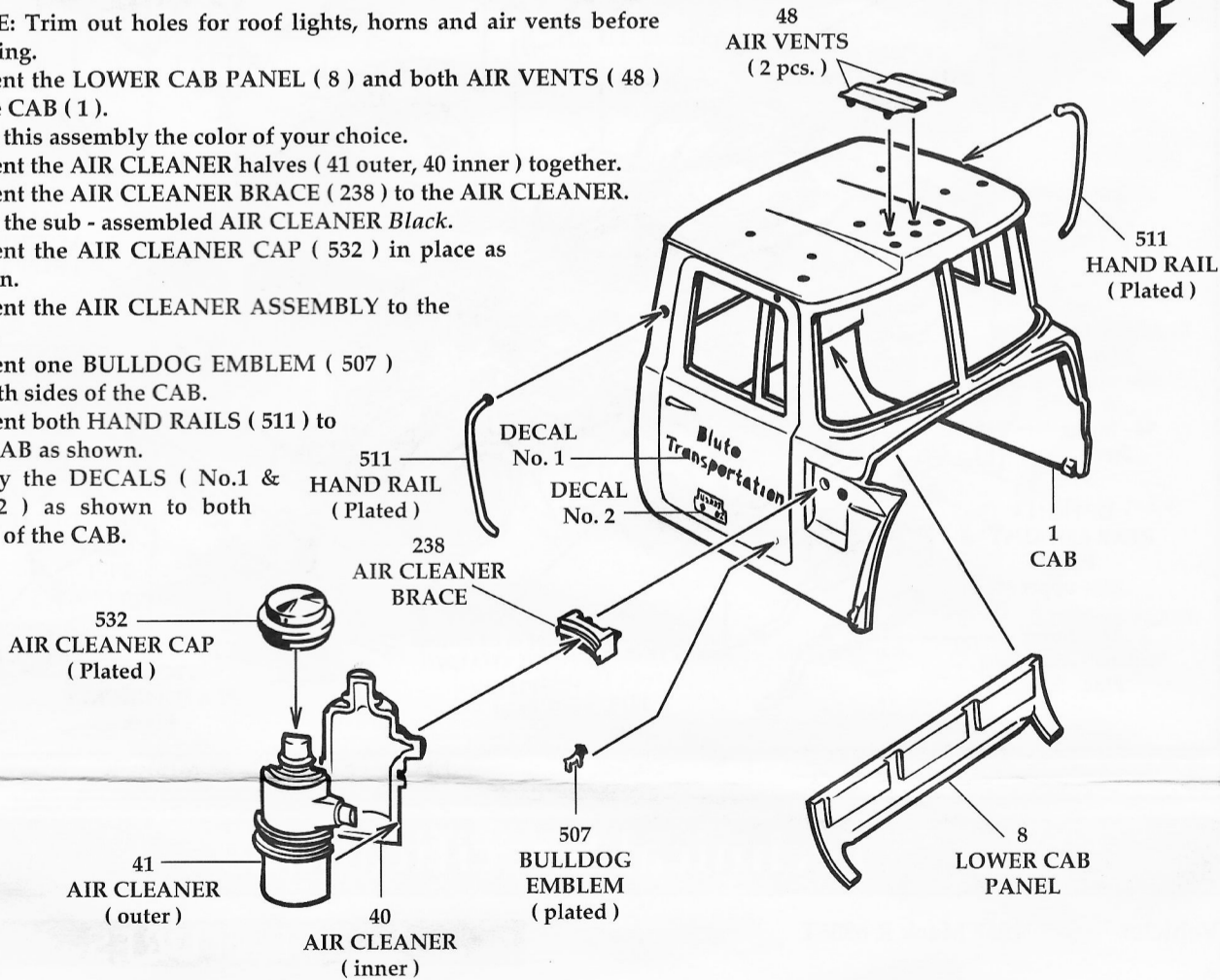
- Cement both AIR HORNS ( 526 ) and the five CLEARANCE LIGHTS ( 500 ) to the top of the CAB as shown.
- Paint the lenses on the CLEARANCE LIGHTS *White*.



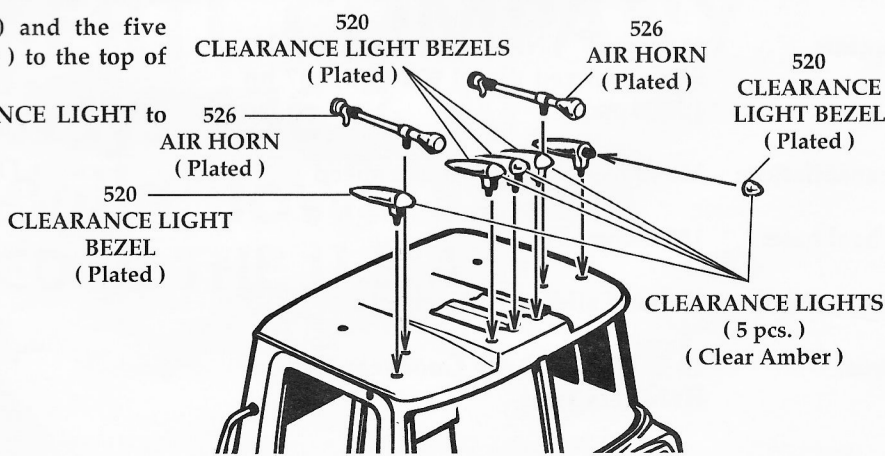
## STEP 18 'B': CAB / SUB - ASSEMBLY [ DELUXE ]



- NOTE: Trim out holes for roof lights, horns and air vents before painting.
- Cement the LOWER CAB PANEL ( 8 ) and both AIR VENTS ( 48 ) to the CAB ( 1 ).
- Paint this assembly the color of your choice.
- Cement the AIR CLEANER halves ( 41 outer, 40 inner ) together.
- Cement the AIR CLEANER BRACE ( 238 ) to the AIR CLEANER. Paint the sub - assembled AIR CLEANER *Black*.
- Cement the AIR CLEANER CAP ( 532 ) in place as shown.
- Cement the AIR CLEANER ASSEMBLY to the CAB.
- Cement one BULLDOG EMBLEM ( 507 ) to both sides of the CAB.
- Cement both HAND RAILS ( 511 ) to the CAB as shown.
- Apply the DECALS ( No.1 & No. 2 ) as shown to both sides of the CAB.



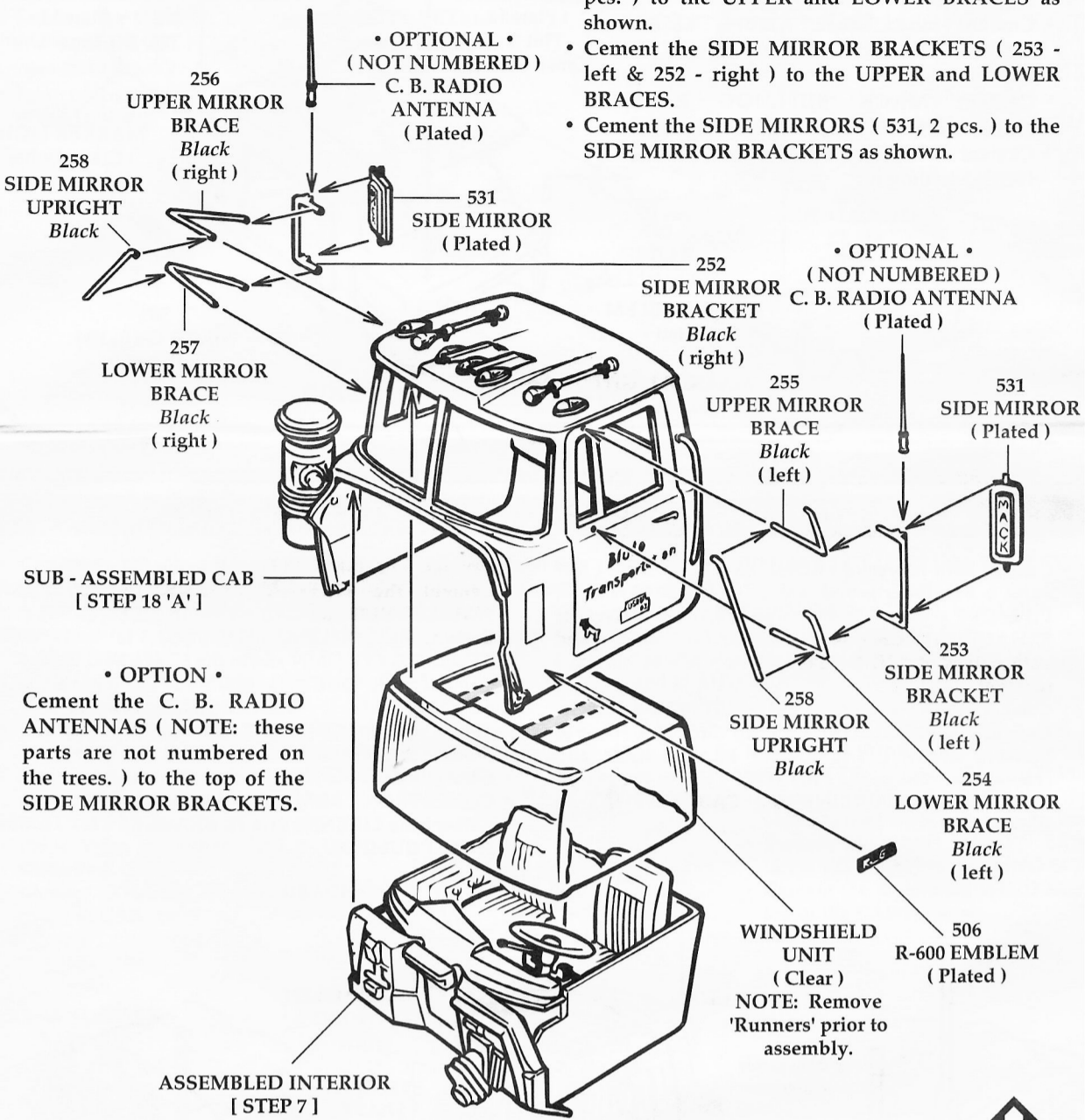
- Cement both AIR HORNS ( 526 ) and the five CLEARANCE LIGHT BEZELS ( 520 ) to the top of the CAB as shown.
- Cement one Clear Amber CLEARANCE LIGHT to each CLEARANCE LIGHT BEZEL.



## STEP 19 'A': CAB / FINAL ASSEMBLY [ STANDARD ]

- Cement the Clear WINDSHIELD UNIT into place.
- Cement the assembled INTERIOR into the CAB.
- Cement the R-600 EMBLEM ( 506 ) to the left side of the cab as shown.

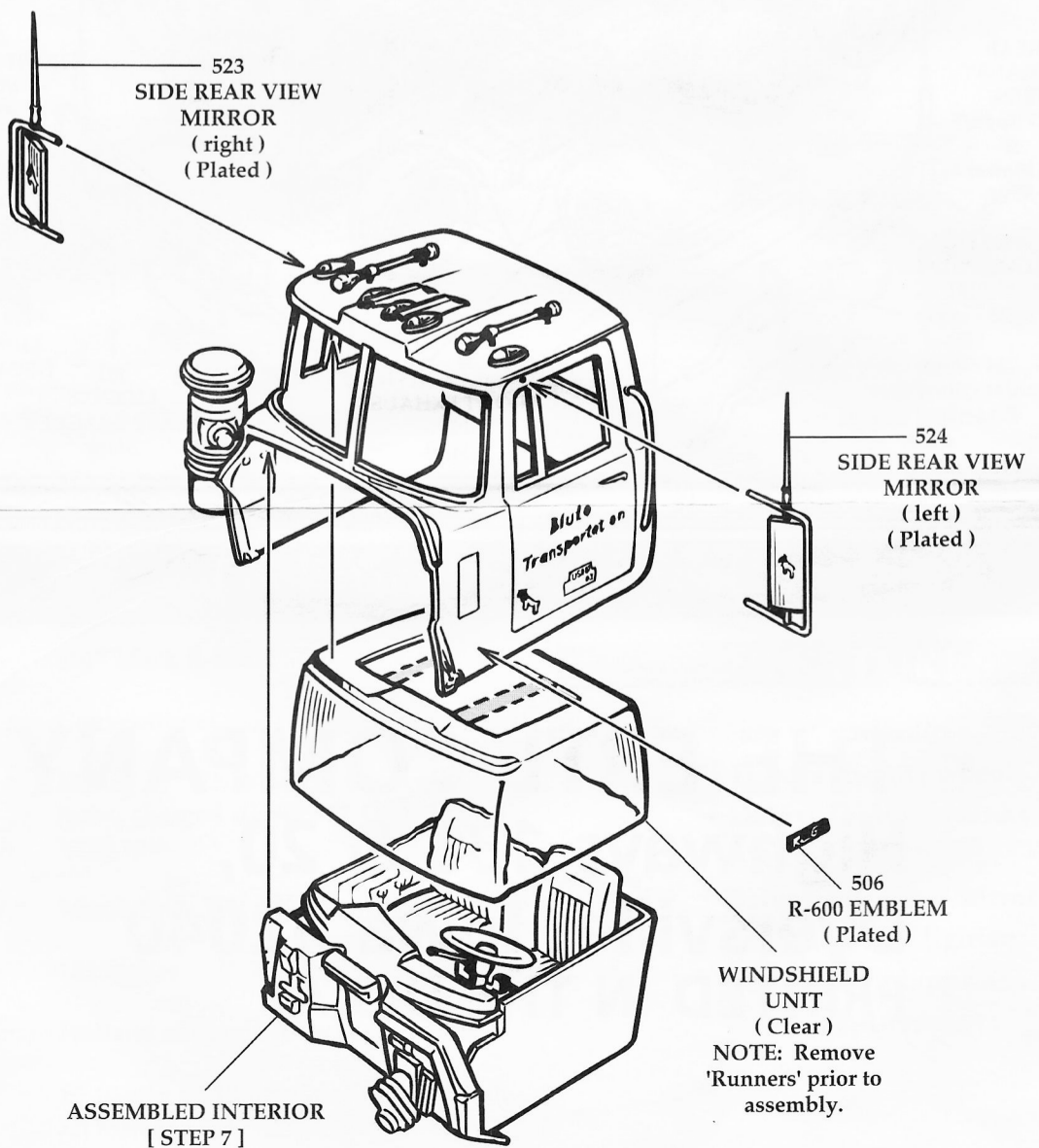
- Cement both LOWER MIRROR BRACES ( 254 - left & 257 - right ) and both UPPER MIRROR BRACES ( 255 - left & - 256 right ) to the CAB as shown.
- Cement both SIDE MIRROR UPRIGHTS ( 258, 2 pcs. ) to the UPPER and LOWER BRACES as shown.
- Cement the SIDE MIRROR BRACKETS ( 253 - left & 252 - right ) to the UPPER and LOWER BRACES.
- Cement the SIDE MIRRORS ( 531, 2 pcs. ) to the SIDE MIRROR BRACKETS as shown.



## STEP 19 'B': CAB / FINAL ASSEMBLY [ DELUXE ]



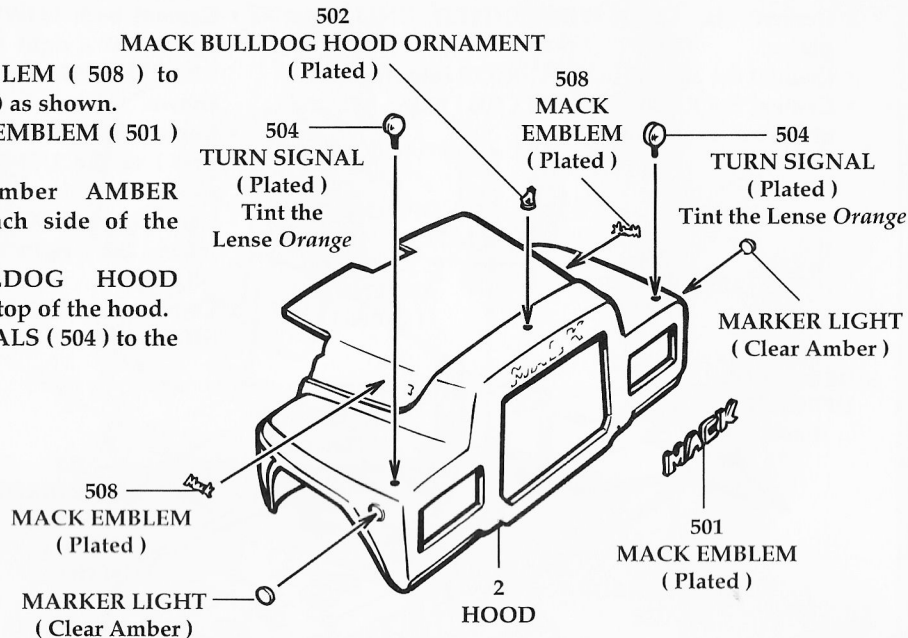
- Cement the Clear WINDSHIELD UNIT into place.
- Cement the assembled INTERIOR into the CAB.
- Cement the R-600 EMBLEM ( 506 ) and remaining BULLDOG EMBLEM ( 507 ) to the left side of the cab as shown.
- Cement both SIDE REAR VIEW MIRRORS ( 524 - left & 523 - right ) to the CAB as shown.



# STEP 20: HOOD ASSEMBLY

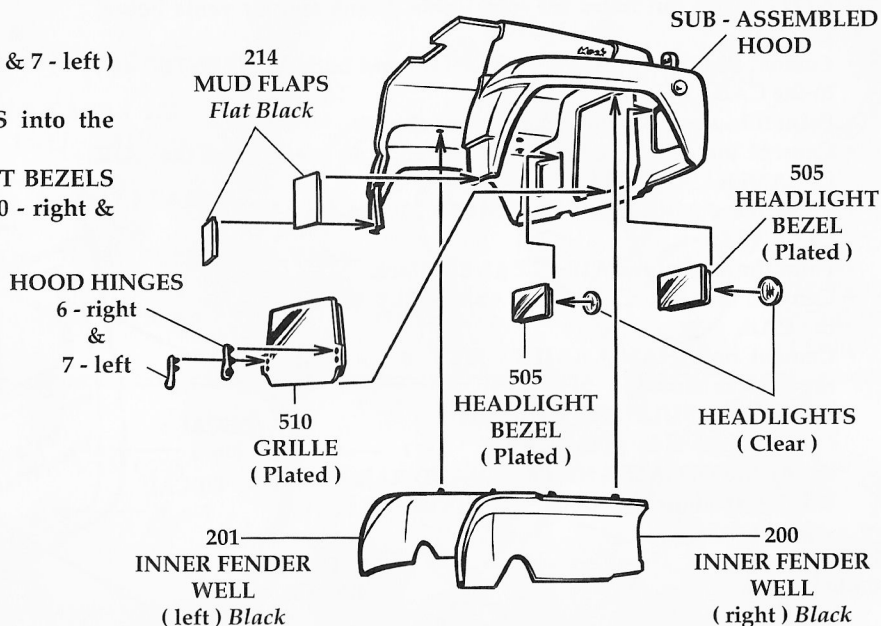
## SUB - ASSEMBLY

- Cement one MACK EMBLEM ( 508 ) to each side of the HOOD ( 2 ) as shown.
- Cement the large MACK EMBLEM ( 501 ) to the front of the HOOD
- Cement one Clear Amber AMBER MARKER LIGHTS to each side of the HOOD as shown.
- Cement MACK BULLDOG HOOD ORNAMENT ( 502 ) to the top of the hood.
- Cement both TURN SIGNALS ( 504 ) to the HOOD as shown.



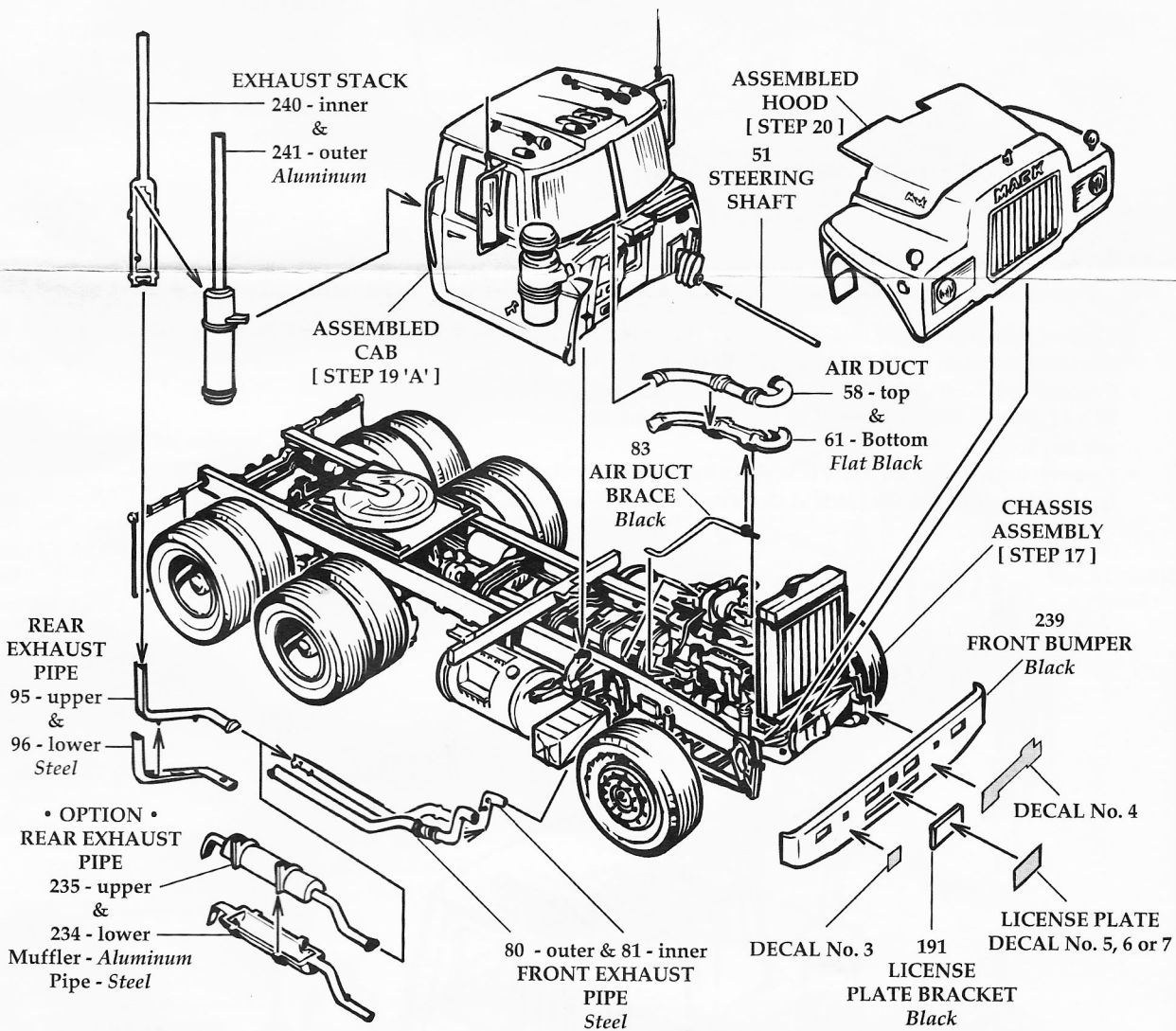
## FINAL ASSEMBLY

- Cement both HOOD HINGES ( 6 - right & 7 - left ) to the back of the GRILLE ( 510 ).
- Cement the two Clear HEADLIGHTS into the HEADLIGHT BEZELS ( 505 ).
- Cement the GRILLE, both HEADLIGHT BEZELS and both INNER FENDER WELLS ( 200 - right & 201 - left ) into the HOOD.
- Cement the MUD FLAPS ( 214 - 2 pcs. ) to the HOOD.



# STEP 21 'A': FINAL ASSEMBLY [ STANDARD ]

- Cement both halves of FRONT EXHAUST PIPE ( 80 - outer & 81 - inner ), both halves of REAR EXHAUST PIPE ( 96 - lower & 95 - upper ), both halves of EXHAUST STACK ( 240 - inner & 241 - outer ) and both halves of AIR DUCT ( 58 - top & - 61 bottom ) together.
- Cement FRONT and REAR EXHAUST PIPE together.
- Carefully slip EXHAUST PIPE up through CHASSIS between ENGINE and RIGHT FRAME RAIL and cement the front of the EXHAUST PIPE to the rear of the EXHAUST TURBINE and CAB SUPPORT as shown.
- Cement the ASSEMBLED CAB to the CHASSIS.
- Cement the EXHAUST STACK to the REAR EXHAUST PIPE and CAB.
- Cement the STEERING SHAFT ( 51 ) to the LOWER STEERING COLUMN and to the STEERING BOX.
- Cement AIR DUCT to the front of the INTAKE TURBINE and to the AIR CLEANER as shown.
- Cement AIR DUCT BRACE ( 83 ) to AIR DUCT and to the side of the ENGINE.
- Carefully snap the HOOD to the CHASSIS.
- Cement FRONT BUMPER ( 239 ) to CHASSIS.
- Cement the LICENSE PLATE BRACKET ( 191 ) to the FRONT BUMPER.



# STEP 21 'B': FINAL ASSEMBLY [ DELUXE ]

- Cement both halves of FRONT EXHAUST PIPE ( 80 - outer & 81 - inner ), both halves of REAR EXHAUST PIPE ( 96 - lower & 95 - upper ), both halves of EXHAUST STACK ( 529 - inner & - 528 outer ) and both halves of AIR DUCT ( 58 - top & 61 - bottom ) together.
- Cement the HEAT SHIELD ( 530 ) to the EXHAUST STACK.
- Cement FRONT and REAR EXHAUST PIPE together.
- Carefully slip the EXHAUST PIPE up through the CHASSIS between ENGINE and the right FRAME RAIL and cement the front of the EXHAUST PIPE to the rear of the EXHAUST TURBINE and the CAB SUPPORT as shown.
- Cement the assembled CAB to the assembled CHASSIS. Cement EXHAUST STACK BRACE ( 229 ) to CAB.

- Cement the EXHAUST STACK to the REAR EXHAUST PIPE and CAB.
- Cement STEERING SHAFT ( 51 ) to LOWER STEERING COLUMN and to the STEERING BOX.
- Cement AIR DUCT to the front of the INTAKE TURBINE and to AIR CLEANER as shown.
- Cement AIR DUCT BRACE ( 83 ) to AIR DUCT and to the side of the ENGINE.
  - Carefully snap the HOOD to the CHASSIS.
  - Cement FRONT BUMPER ( 527 ) to CHASSIS.
  - Cement the front LICENSE PLATE BRACKET ( 191 ) to the FRONT BUMPER.
  - Cement the WIND SCREEN BRACES ( 171 - left & 173 - right ) to the WIND SCREEN ( 172 ).
  - Cement the assembled WIND SCREEN to the top of the CAB as shown.

