

# PORSCHE COMPETITION RACER

**Revell**

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One of the world's outstanding sportcars, the Porsche Competition Racer is capable of speeds of nearly 125 mph, yet is easily handled on city streets and is well suited to daily routine driving. It is powered by a flat opposed four-cylinder engine, having double overhead cams and developing 100 hp at 6,200 rpm. It has a bore of 3.35 inches, a stroke of 2.59 inches and a displacement of 1,498 cc, or 91.9 cubic inches.

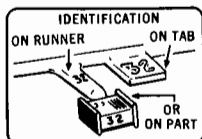
The air-cooled engine is mounted in the rear with the transmission coupled directly to the differential. Suspension is independent on all four wheels and incorporates torsion bars.

Porsche has become one of the great names in racing history. In

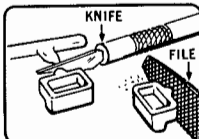
the 1930's Dr. Ferdinand Porsche was instrumental in designing the Grand Prix Auto Union. This was one of the most radical cars ever to run in a road race and was also one of the most successful. It had a rear-mounted engine which developed 600 hp, and a chassis which incorporated many of the design features which are now found in this Porsche Competition Racer model kit.

The Porsche is a favorite among the sportscar enthusiasts because of its clean design, its fantastic handling characteristics and its high performance. There has never been a car so universally successful in racing and, at the same time, docile enough to run family errands.

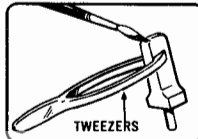
## GET YOUR TOOLS READY:



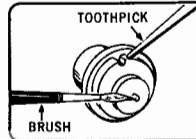
REMOVE PART  
WHEN CALLED FOR



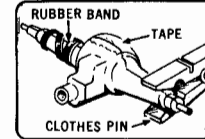
TO REMOVE AND  
TRIM PARTS



TO HOLD PARTS  
FOR PAINTING



TO APPLY  
CEMENT



TO HOLD PARTS  
AFTER CEMENTING

## HELPFUL MODELING HINTS

1. Fit parts together before cementing.
2. Trim away excess plastic.
3. Use cement sparingly; too much will damage your model.

4. Paint small parts before detaching from runner.

5. **TO OBTAIN A GOOD BOND, REMOVE PAINT OR CHROME WHERE PARTS ARE TO BE CEMENTED.**

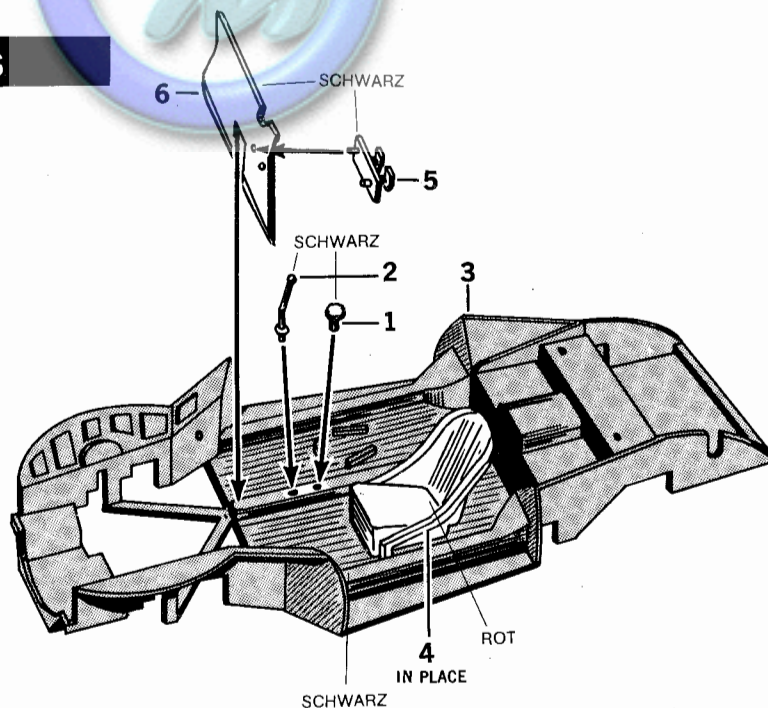
IF YOU WISH TO STOP AT ANY POINT DURING THE CONSTRUCTION OF YOUR MODEL,  
DO SO AT THE END OF AN ASSEMBLY STEP.

**1**

## INTERIOR DETAILS

- 1 HEATER CONTROL
- 2 GEAR SHIFT
- 3 CHASSIS
- 4 SEAT
- 5 CLUTCH/BRAKE PEDALS
- 6 FLOORBOARD

1. Cement parts (1) and (2) into (3).
2. Cement (4) into (3).
3. Cement (5) onto (6), then cement (6) into place as shown.

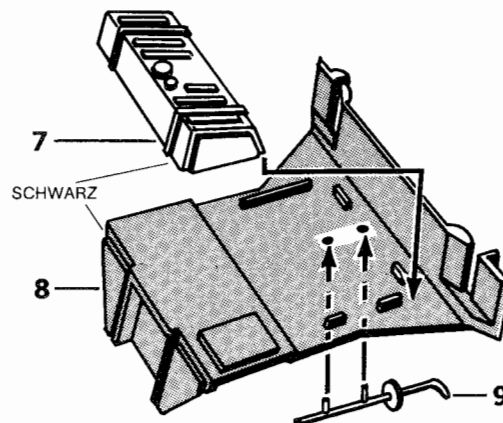
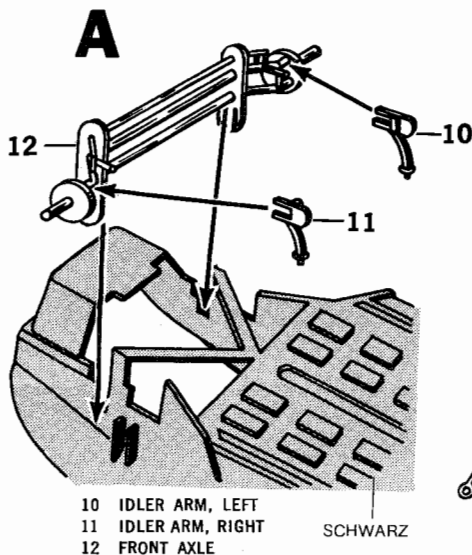


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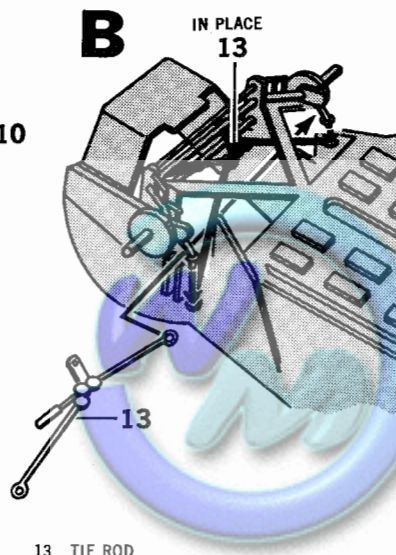
**2****GAS TANK TO TRUNK**

- 7 GASOLINE TANK  
8 FRONT TRUNK  
9 FUEL TRANSFER CONTROL

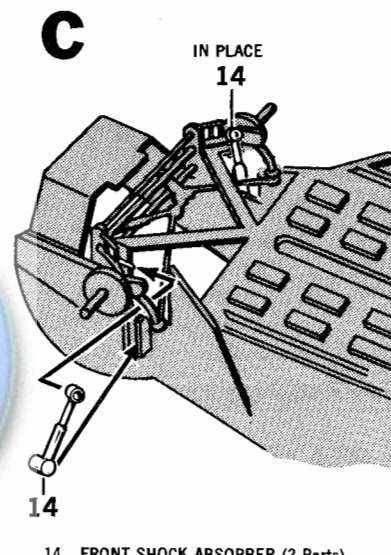
1. Cement (7) onto (8).
2. Cement (9) to the underside of (8) as shown.

**3****FRONT SUSPENSION****SEE DRAWING A**

1. Cement parts (10) and (11) to (12).
2. Turn your CHASSIS upside down and cement (12) into place.

**SEE DRAWING B**

3. Slide (13) into the CHASSIS. (13) IS SHOWN BLACK. Be sure (13) is located onto the pins and between the long bars, then apply cement.

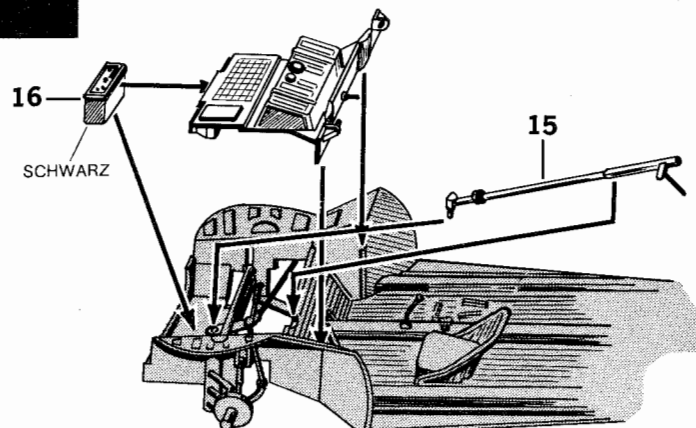
**SEE DRAWING C**

4. Cement one part (14) to the right side of the CHASSIS and to the pins as shown. Repeat the same assembly to the left side.

**4****TRUNK TO CHASSIS**

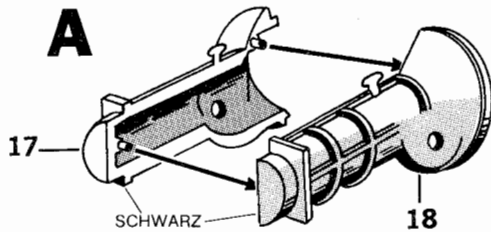
- 15 STEERING COLUMN  
16 BATTERY

1. Turn your CHASSIS right-side-up as shown and cement (15) to the FLOORBOARD and to the TIE ROD assembly.
2. Cement the TRUNK assembly to the CHASSIS.
3. Cement (16) to CHASSIS and TRUNK.



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## 5 TRANS-AXLE HOUSING

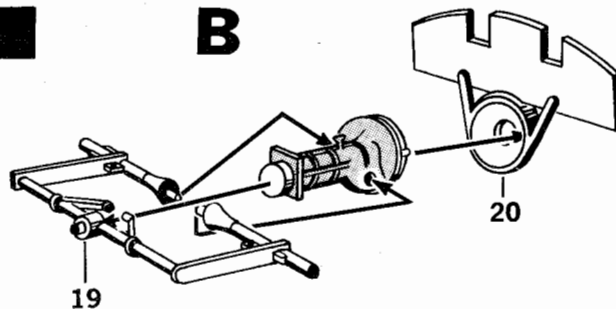


- 17 TRANS-AXLE HOUSING, LEFT HALF  
18 TRANS-AXLE HOUSING, RIGHT HALF

SEE DRAWING A

1. Cement (17) to (18).

B

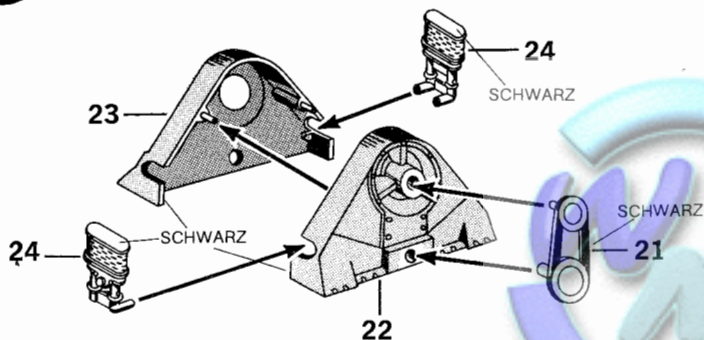


- 19 REAR SUSPENSION  
20 FIREWALL

SEE DRAWING B

2. Cement parts (19) and (20) to the TRANS-AXLE HOUSING as shown.

## 6 ENGINE COVER ASSEMBLY

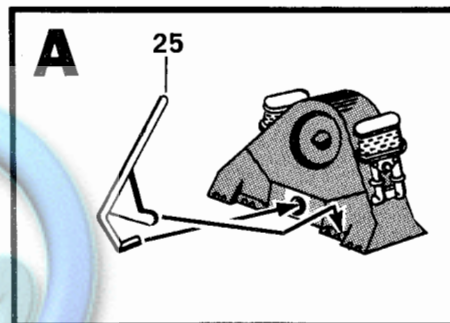


- 21 FAN BELT  
22 ENGINE COVER, REAR  
23 ENGINE COVER, FRONT  
24 CARBURETOR (2 Parts)  
25 BREATHER TUBE

1. Cement (22) to (23), then cement (21) to (22) as shown.
2. Cement one part (24) to each side of ENGINE COVER.

SEE DRAWING A

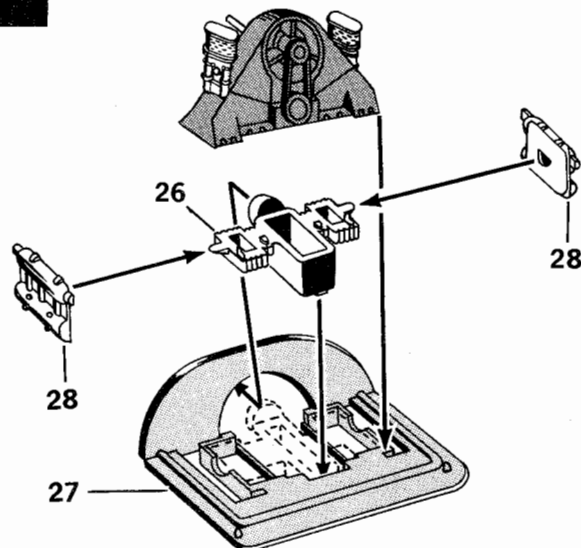
3. Cement (25) to the ENGINE COVER as shown.



## 7 ENGINE TO ENGINE MOUNT

- 26 ENGINE  
27 ENGINE MOUNT  
28 ENGINE HEAD (2 Parts)

1. Cement (26) down into (27).
2. Cement one part (28) to the right side of (26) and one (28) to the left side.
3. Cement the ENGINE COVER assembly down onto (26) and (27).





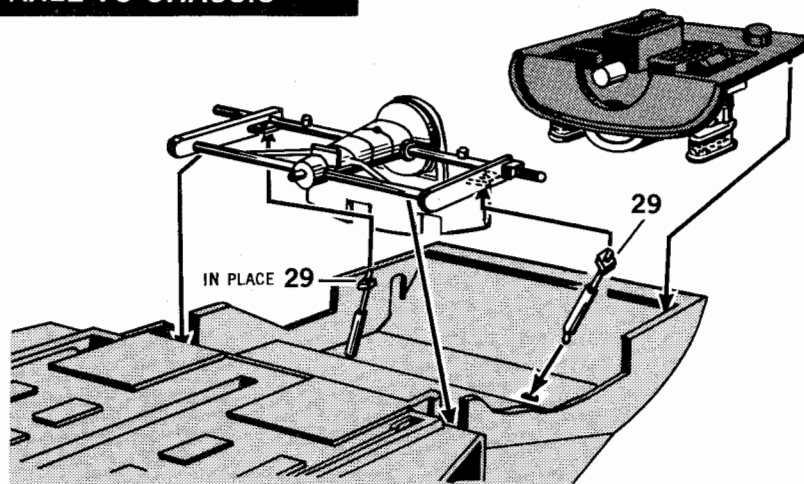
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8

## ENGINE/TRANS-AXLE TO CHASSIS

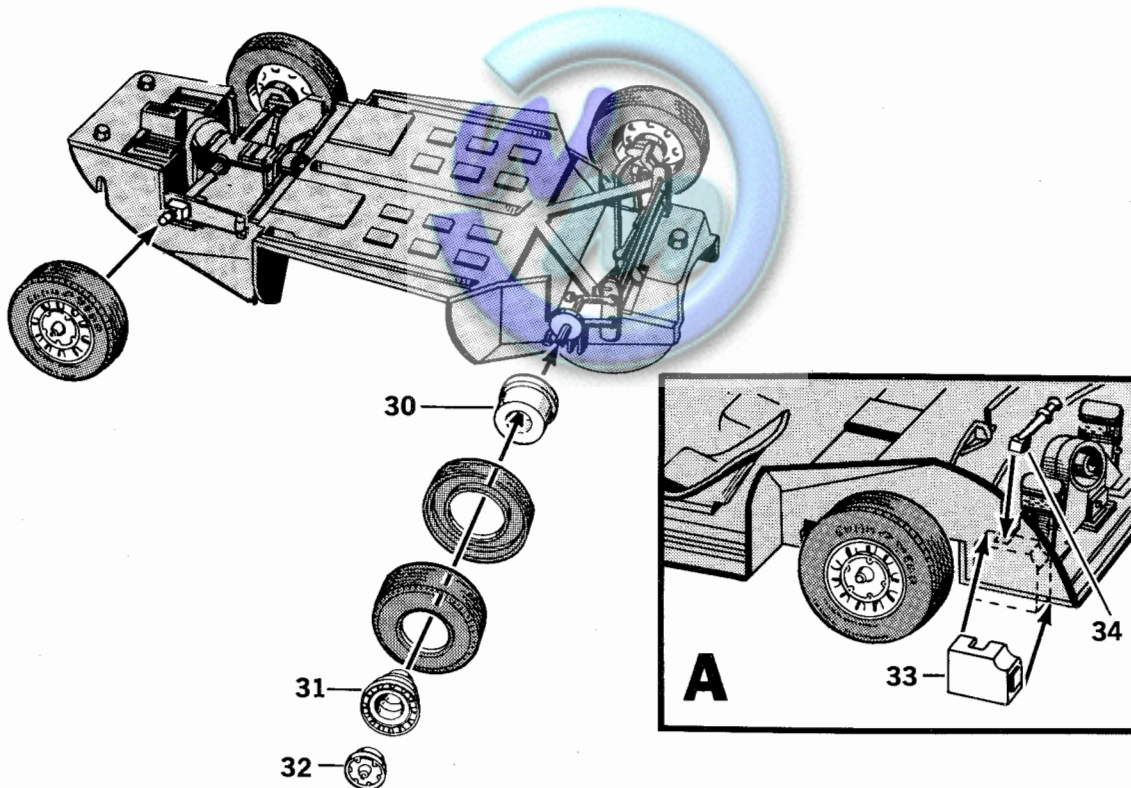
29 REAR SHOCK ABSORBERS (2 Parts)

1. Cement two parts (29) into the CHASSIS as shown.
2. Cement the TRANS-AXLE assembly to the CHASSIS and to parts (29).
3. Cement the ENGINE assembly to the CHASSIS and to the TRANS-AXLE assembly.



9

## WHEELS TO CHASSIS ASSEMBLY



- 30 WHEEL, INSIDE HALF (4 Part)  
 31 WHEEL, OUTSIDE HALF (4 Part)  
 32 HUB (4 Part)  
 33 OIL COOLER  
 34 OIL INTAKE PIPE

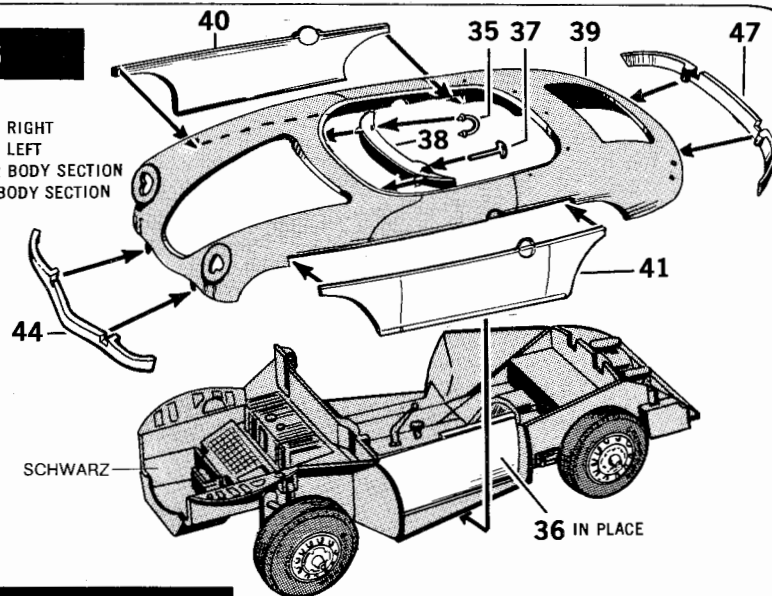
1. Assemble the TIRE HALVES together. **MAKE FOUR.**
2. Cement one part (30) to one part (31), trapping a TIRE between parts. **MAKE FOUR.**
3. **SNAP, DO NOT CEMENT** a WHEEL onto each end of the front and rear AXLES. Cement a part (32) into each WHEEL being careful not to get cement on tip of AXLE. **SEE DRAWING A**
4. Turn your model upright, and cement (33) to the CHASSIS as shown.
5. Cement (34) to (33) **INWARD** so TRUNK LID will clear part (34).

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**10****BODY TO CHASSIS**

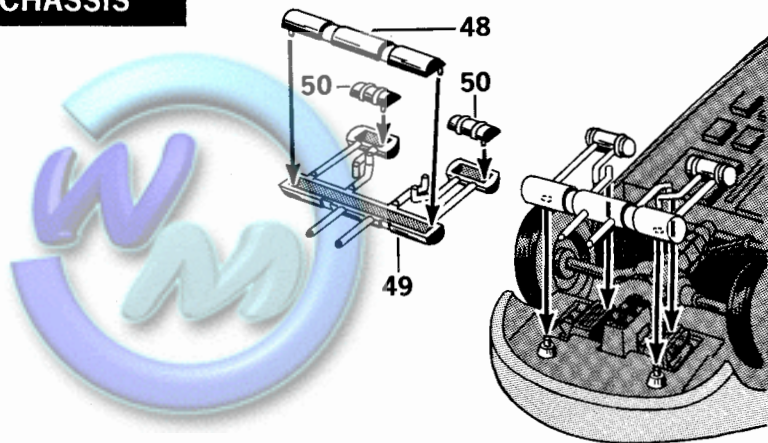
- |                              |                             |
|------------------------------|-----------------------------|
| 35 PASSENGER HANDLE — CHROME | 40 BODY PANEL, RIGHT        |
| 36 DOOR PANEL                | 41 BODY PANEL, LEFT         |
| 37 EMERGENCY BRAKE           | 44 FRONT LOWER BODY SECTION |
| 38 DASHBOARD                 | 47 REAR LOWER BODY SECTION  |
| 39 BODY                      |                             |

1. Cement (35) and (37) to (38), then cement (38) to (39).
2. Cement (40) and (41) to (39).
3. Cement (36) to the CHASSIS.
4. **CAREFULLY** spread the BODY PANELS outward and position the BODY over the CHASSIS. Apply cement to the BODY and the CHASSIS where they meet.
5. Cement (44) to the front of the BODY and (47) to the rear.

**11****EXHAUST SYSTEM TO CHASSIS**

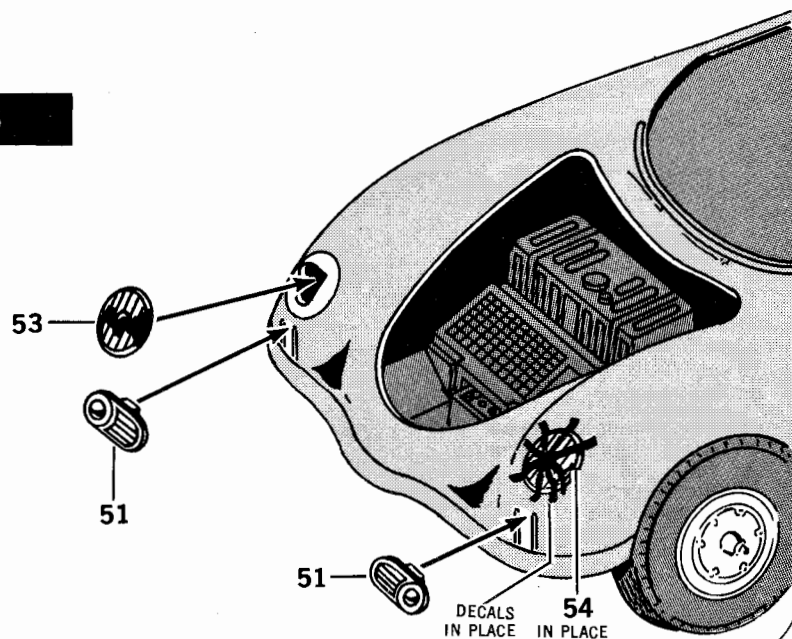
- |                            |
|----------------------------|
| 48 LARGE MUFFLER           |
| 49 MUFFLER/EXHAUST PIPES   |
| 50 SMALL MUFFLER (2 Parts) |

1. Cement (48) to (49).
2. Cement two parts (50) to (49) as shown.
3. Cement the EXHAUST to the pins on the CHASSIS and to the ENGINE.

**12****FRONT END DETAILS**

- |                                     |
|-------------------------------------|
| 51 PARKING LIGHT (2 Parts) — CHROME |
| 53 HEADLIGHT, RIGHT — CHROME        |
| 54 HEADLIGHT, LEFT — CHROME         |

1. Cement two parts (51) to the BODY.
2. Cement parts (53) and (54) to the BODY.
3. **CAREFULLY** apply the DECALS to the HEADLIGHTS.



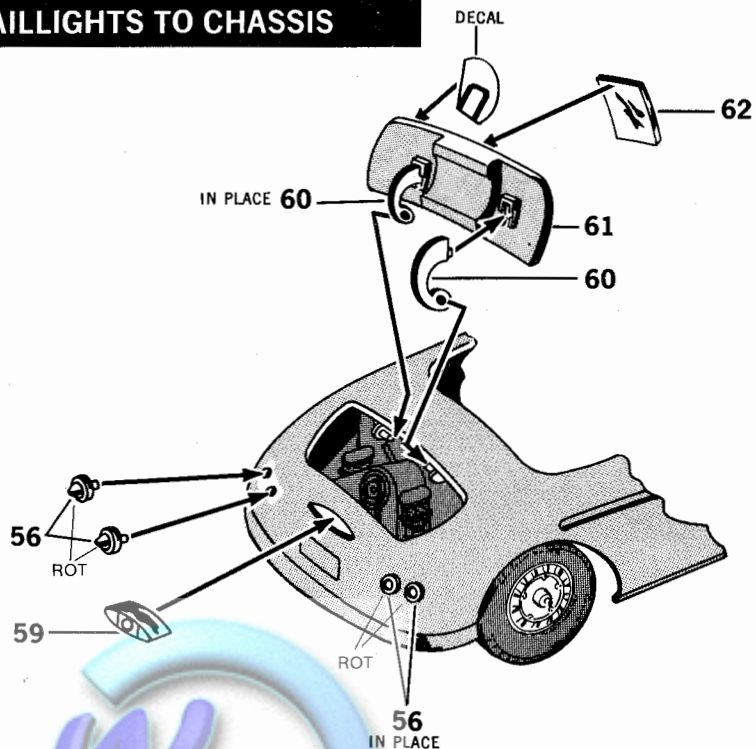


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**13****ENGINE HOOD/TAILLIGHTS TO CHASSIS**

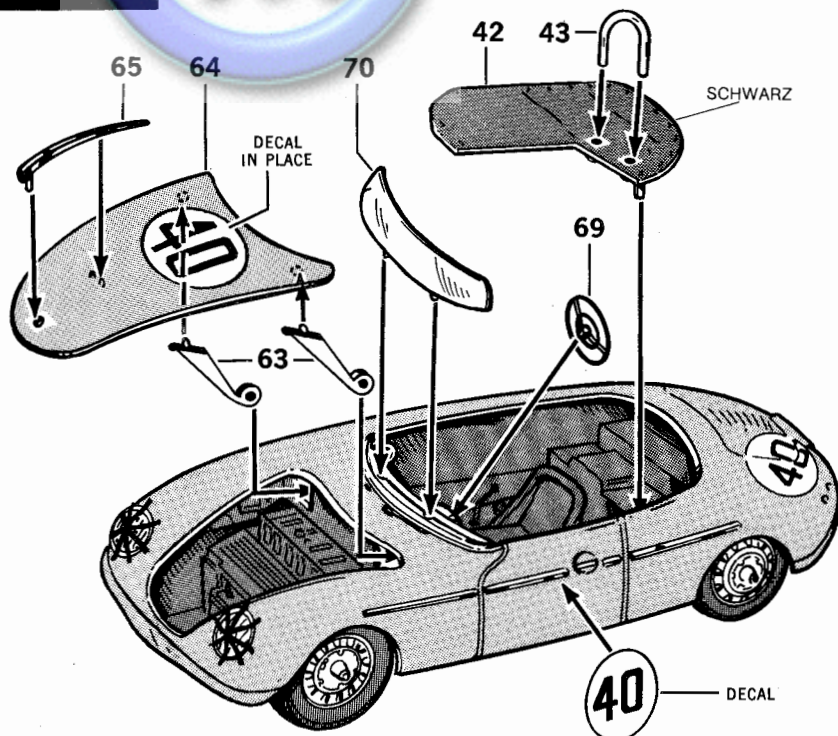
- 56 TALL LIGHT (4 Parts) — CHROME  
 59 LICENSE PLATE LIGHT — CHROME  
 60 MOTOR HOOD HINGE (2 Parts)  
 61 MOTOR HOOD  
 62 ENGINE HOOD GRILL — CHROME

1. Cement four parts (56) into place as shown.
2. Cement (59) into place on the BODY.
3. Cement two parts (60) to (61), then cement (62) to (61).
4. **SNAP, DO NOT CEMENT**, parts (60) onto the pins above the MOTOR.
5. **CAREFULLY** apply the DECALS to (61).

**14****FINAL ASSEMBLY**

- 42 TONNEAU COVER  
 43 ROLL BAR — CHROME  
 63 TRUNK HOOD HINGE (2 Parts)  
 64 TRUNK HOOD  
 65 TRUNK ORNAMENT — CHROME  
 69 STEERING WHEEL  
 70 WINDSHIELD

1. Cement two parts (63) to (64).
2. Hook parts (63) into the BODY as shown.
3. Cement (65) to (64).
4. Cement (69) to the DASH.
5. Cement (42) to the BODY, then cement (43) to (42).
6. Cement (70) to the BODY.
7. Apply DECALS to the BODY.



**PARTS (45), (46) AND (57) ARE NOT USED IN THIS KIT.**