

1953 Hudson Hornet

1/25 SCALE • PLASTIC MODEL KIT • SKILL LEVEL 3 • AGES 15 AND UP



Part Number
1200

ASSEMBLY INSTRUCTIONS

IMPORTANT - READ THIS FIRST

Before assembling model, **study pictures carefully**. These instructions include detailed drawings and images of an actual build-up for reference. You can also refer to photos on the packaging. In addition, you will find the following tips helpful:

- This model kit is molded of styrene plastic – **use only styrene-compatible glues or cements**.
- Apply cement to **inside surfaces only**; avoid getting cement on outer surfaces of model sections.
- **Use cement sparingly** and avoid getting cement on **hands**, so as not to mar or smear plastic surfaces.
- **Do not hurry**; work carefully and patiently.
- Before cementing, **it is advisable to assemble parts dry** (without cement) so that you may familiarize yourself with parts and fit, **noting the points where cement is to be applied**.
- For best results assemble model **in the order indicated**.

PAINTING YOUR KIT

- **Use paint that is made for use on plastic.** If you are unsure, test paint on scrap pieces of sprue before applying it to kit parts.
- This kit is designed to be built in **sub-assemblies**. We would suggest that **it is best to paint each sub-assembly separately** before final assembly of the kit.

- In certain cases it **may be a good idea to paint some parts during assembly**. For example, it will be easiest to paint the assembled engine block before adding various other parts, such as the fan and fan belt, which may also be painted individually before cementing in place.

DECAL APPLICATION

Decals have been provided to ensure the utmost detail and authenticity. It may also be easiest to **apply decals to sub-assemblies**. Apply decals only after paint is **completely dry**.

1. **Dip the decal in water for 10 seconds.** For best results, mix one drop of common dish washing detergent per cup of **luke-warm** water.
2. Place wet decal face up on a paper towel and **wait 30-60 seconds** until the decal is **movable on paper backing**.
3. **Wet the area of the model** to be applied to.
4. Hold the decal face up, in position on model and **slide backing away** from under it.
5. Once positioned correctly, **gently smooth out decal** and **absorb excess water** with a paper towel, cotton swab or clean, soft paintbrush.
6. **Let decals dry completely** before applying any sort of dull coat or gloss coat to decal area, if desired.

KEY TO PARTS

① Plastic Part ② Decal

1

ENGINE

- A** Cement Engine Left Half (#100) to the Engine Right Half (#101), and then add Engine Oil Pan (#102), Engine Front Cover (#103), Fan Belt (#85), Fan (#23) and Cylinder Head (#99).

- B** On the right side of the Engine cement Crankcase Ventilation Tube (#84), Exhaust Manifold (#96), the Intake Manifold (#97) and Fuel Pump (#93). Cement two Carburetors (#104) to the Intake Manifold.

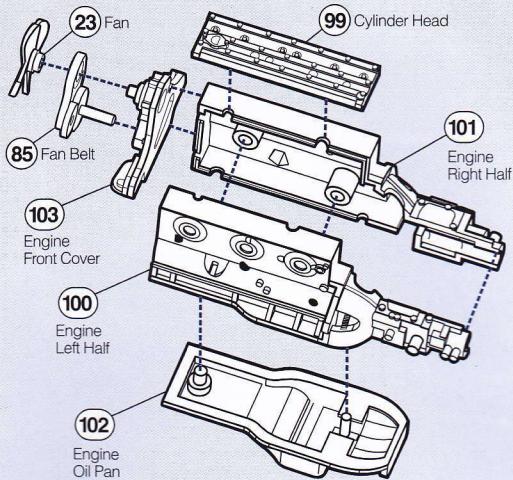
- C** On the left side of the Engine, cement Throttle Linkage Post (#98), Starter (#90), Oil Filter (#87), Distributor (#86), Ignition Coil (#89), Engine Oil Filler Tube (#91) and Generator (#92).

- D** Cement Throttle Linkage (#88) to the Cylinder Head. Assemble two Air Cleaner Canisters by cementing Top, Bottom and Cap (#105, #106 & #107) together and cement Air Cleaners to the Carburetors and Cylinder Head. Cement Exhaust Manifold Extension (#34) to the underside of the Exhaust Manifold (#96).

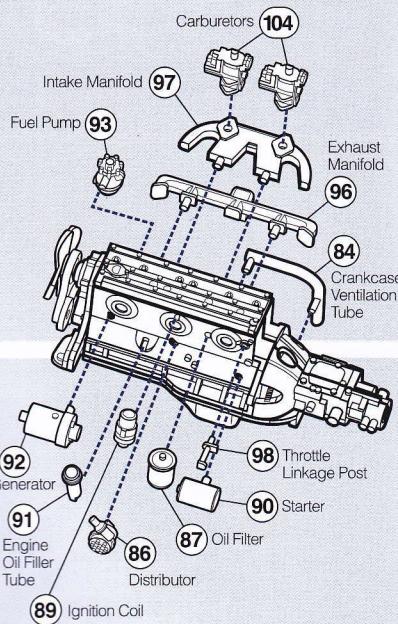
- E** Set finished Engine Assembly aside for now. Once the Engine is painted, decals [#9] may be applied to Air Cleaner Canisters as shown.

NOTE: See page 5 for additional detail on decal placement. See page 6 for recommended paint colors.

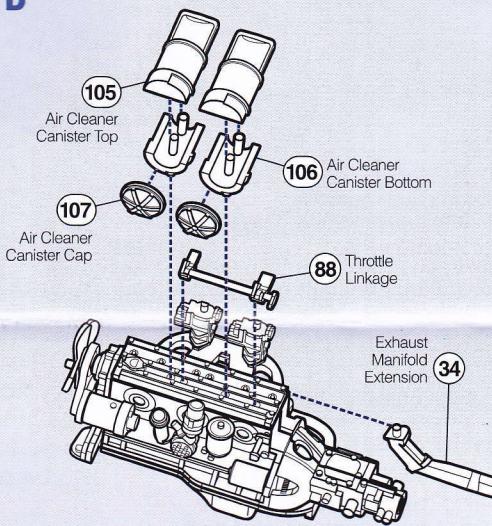
1A



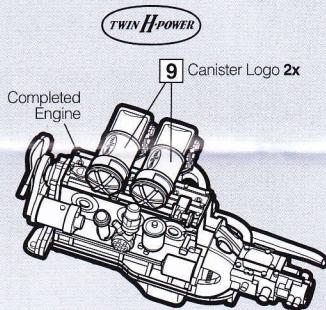
1B



1D



1E



2

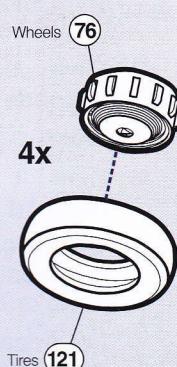
WHEELS & AXLE

- A** Insert each of four Wheels (#76) into each of the four Tires (#121).

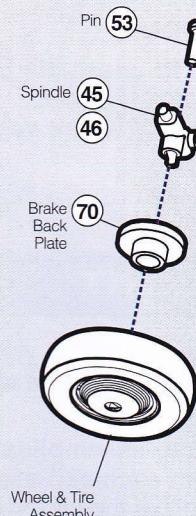
- B** Front Wheels: Cement Brake Back Plate (#70) to Left Front Spindle (#45); then attach a Wheel & Tire Assembly using plastic Pin (#53). Repeat this step with Brake Back Plate (#70), Right Front Spindle (#46), Pin (#53) and a Wheel & Tire Assembly.

- C** Assemble Rear Axle Housing (#38 & 39), add Brake Back Plates (#70) to each end of Axle Housing Assembly.

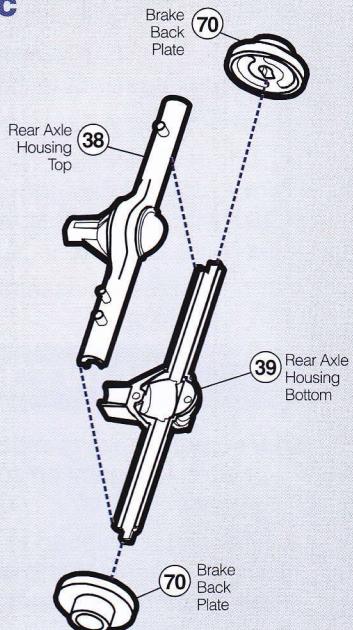
2A



2B



2C



3

CHASSIS

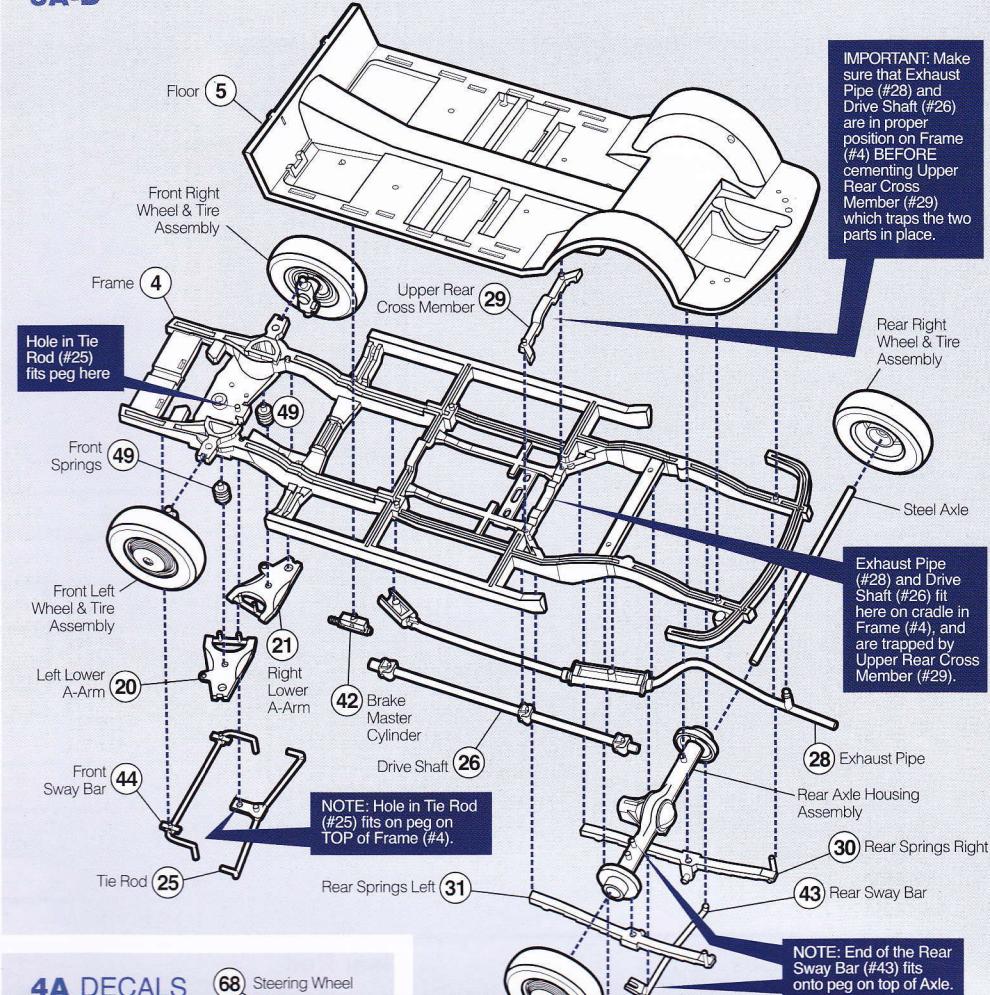
A PLEASE NOTE! **Exhaust Pipe (#28)** and **Drive Shaft (#26)** both pass through an oval hole in the rear cross member of the **Frame (#4)**; locate both **Exhaust Pipe (#28)** and **Drive Shaft (#26)** in **Frame (#4)**, then cement the **Upper Rear Cross Member (#29)** in place. Cement **Frame (#4)** and **Exhaust Pipe (#28)** to **Floor (#5)**.

B Cement **Rear Axle Housing Assembly** to **Frame (#4)**; add **Rear Springs Right** and **Left (#30 and #31)**, **Rear Sway Bar (#43)**, and the two **Rear Shock Absorbers (#24)**. Slide the **Steel Axle** through the **Rear Axle Housing** and press two **Wheel & Tire assemblies** onto the **Axle**.

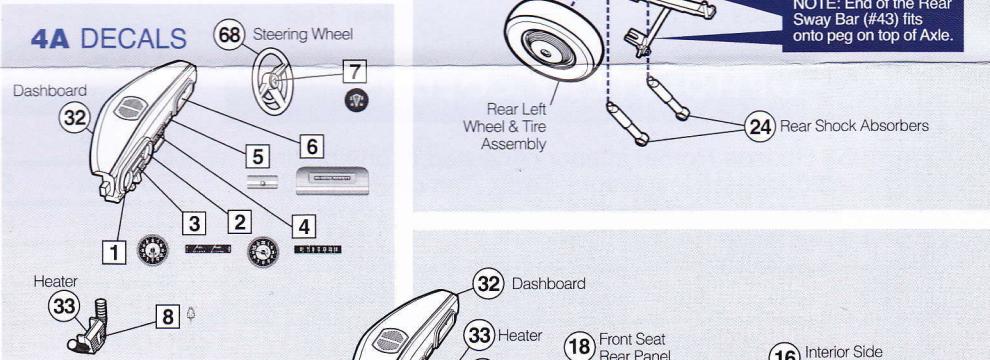
C Assemble the front suspension by cementing **Front Springs (#49)** to the **Frame**, and then cement **Left Front Spindle (#45)** of the **Left Front Wheel Assembly**, and **Left Lower A-Arm (#20)** in place on the **Frame**. Repeat process with **Right Front Spindle (#46)** of **Right Front Wheel Assembly** and **Right Lower A-Arm (#21)**.

D Cement **Tie Rod (#25)** to **Frame** and **Spindles**. Cement **Front Sway Bar (#44)** to **Frame** and **Lower A-Arms**. Cement **Brake Master Cylinder (#42)** to **Floor (#5)**.

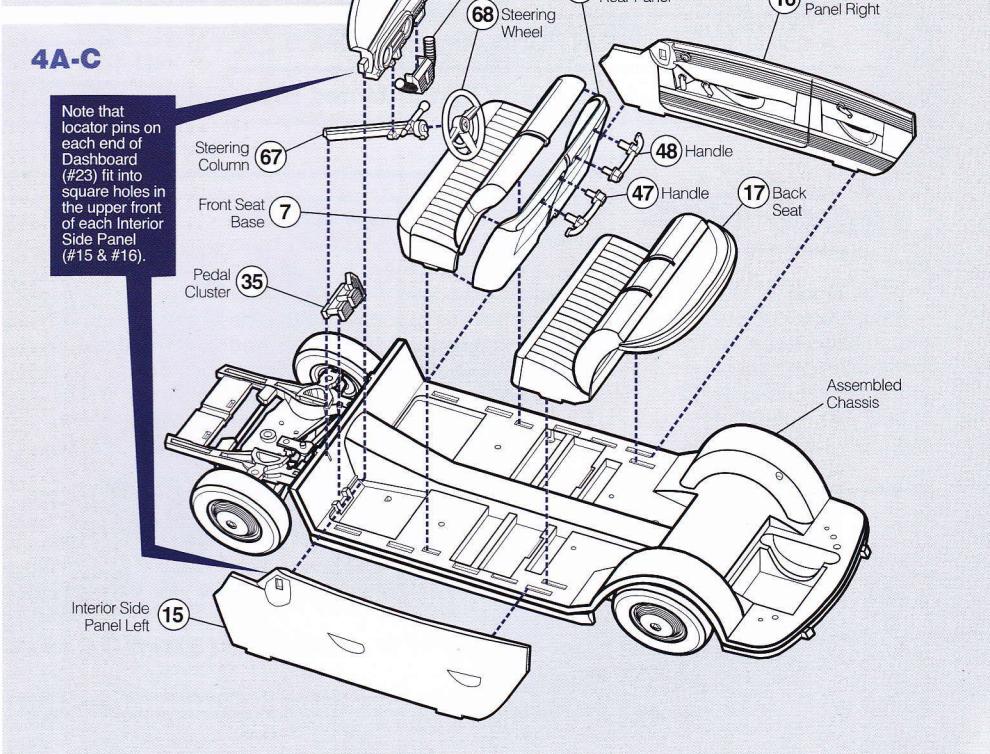
3A-D



4A DECALS



4A-C



4 INTERIOR

A Assemble **Front Seat (#7, #18, #47 and #48)**. Cement **Heater (#33)** to the underside of **Dashboard (#32)**. Apply decals [#1-#8] as shown to painted **Dashboard**, **Heater** and **Steering Wheel (#68)**.

B Cement **Pedal Cluster (#35)** to **Floor**, followed by **Front Seat Assembly** and **Back Seat (#17)**. Add **Interior Side Panel Left (#15)**, **Interior Side Panel Right (#16)** and **Dashboard (#32)**, making sure to fit pins on each end of dashboard into holes in **Side Panels**.

C Complete the **Interior Assembly** by cementing **Steering Wheel (#68)** to **Steering Column (#67)**. Cement the completed **Steering Assembly** to the bottom of the **Dashboard**.

5

INSTALL ENGINE

- A** Cement Engine and Transmission Assembly to Drive Shaft and Frame. Cement Radiator (#22), Top Radiator Hose (#94) and Bottom Radiator Hose (#95). Apply decal [#10] to Radiator.

6

BODY

- A** Cement the Right Windshield Wiper Mechanism (#108), Left Windshield Wiper Mechanism (#109) and Windshield Wiper Motor (#110) to Firewall (#19). Add Right Horn (#55), Left Horn (#54) and two Diagonal Braces (#81). Apply decal [#12] to Firewall.

- B** Install Vent Wings (#117 & 124), Windshield (#119) and Rear Windows (#120) to INSIDE of Car Body (#1). Add Right and Left Sun Visors (#50 & #51), Rear View Mirror (#58) and Dome Light (#69).

- C** Cement Grille Inner Support Bar (#82) into Grille (#72). Cement Grille (#72) and Front Bumper (#73) to Body. Install the Headlights (#59), Headlight Lenses (#116), Parking Light Lenses Left and Right (#114 & #113) and Windshield Wipers Left (#64) and Right (#65). Add Radio Antenna (#63). CAREFULLY open locator hole in TOP of Hood (#3) and cement Hood Ornament (#60) in place. Install Side View Mirrors Left (#57) and Right (#56).

- D** **OPTIONS:** Decide if you'd like to install Sun Shade (#36); if so, open locator holes in Body and cement in place. If you wish to use Back-up Lights, cement Back-up Light Bezels (#66) and Back-up Light Lenses (#115) to Body.

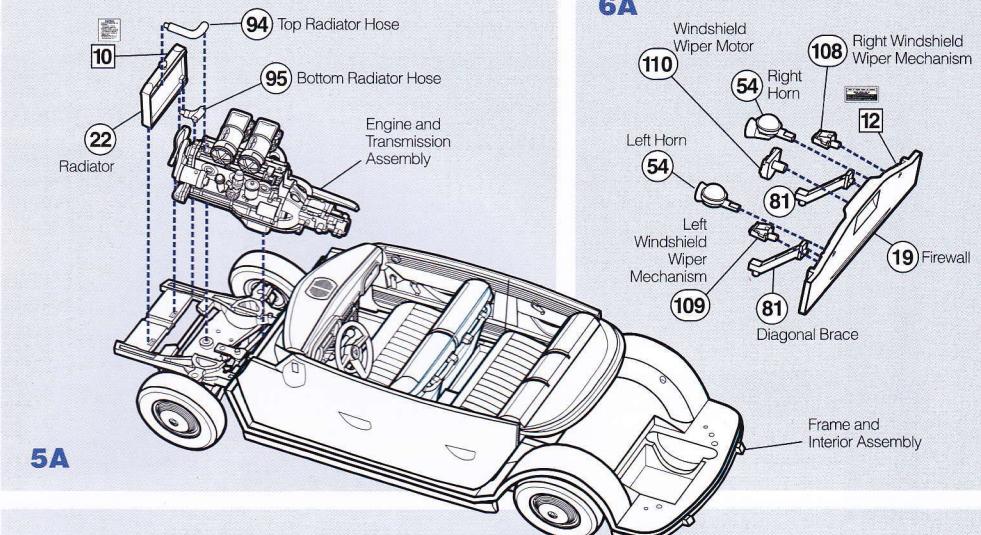
- E** Cement Rear Valance Panel (#75) and Rear Bumper (#74) in place. Add Tail Light Lenses (#111 & #112) and Gas Filler Door (#52). Cement Hornet Rocket Emblem (#122) to trunk.

7

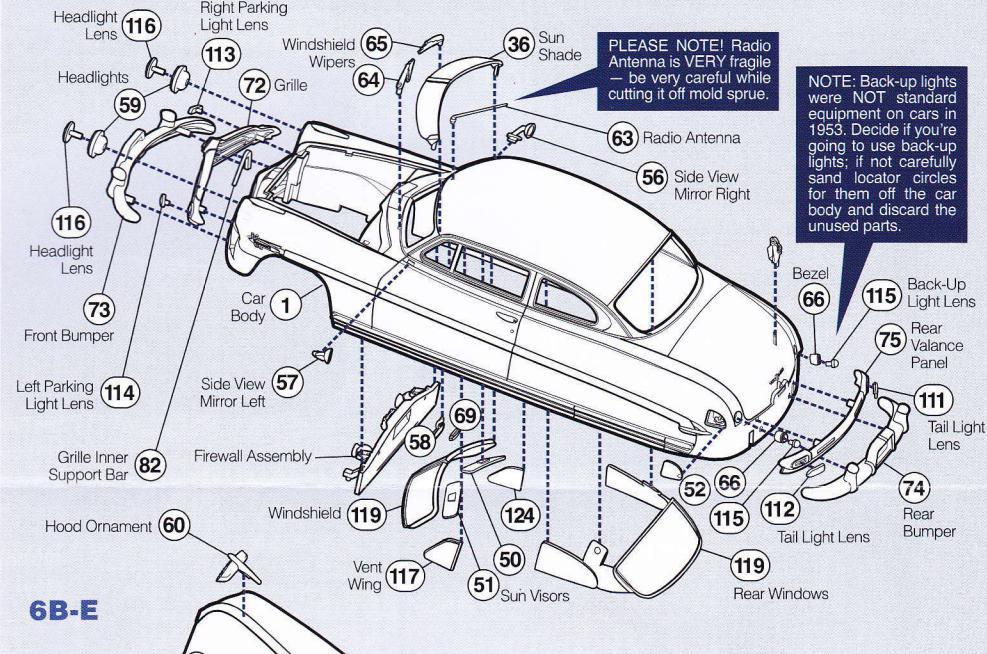
FINAL ASSEMBLY

- A** Install Interior/Frame into Body. Cement Battery (#83) into Engine compartment. Apply decals [#11, #13 & #14] as shown.

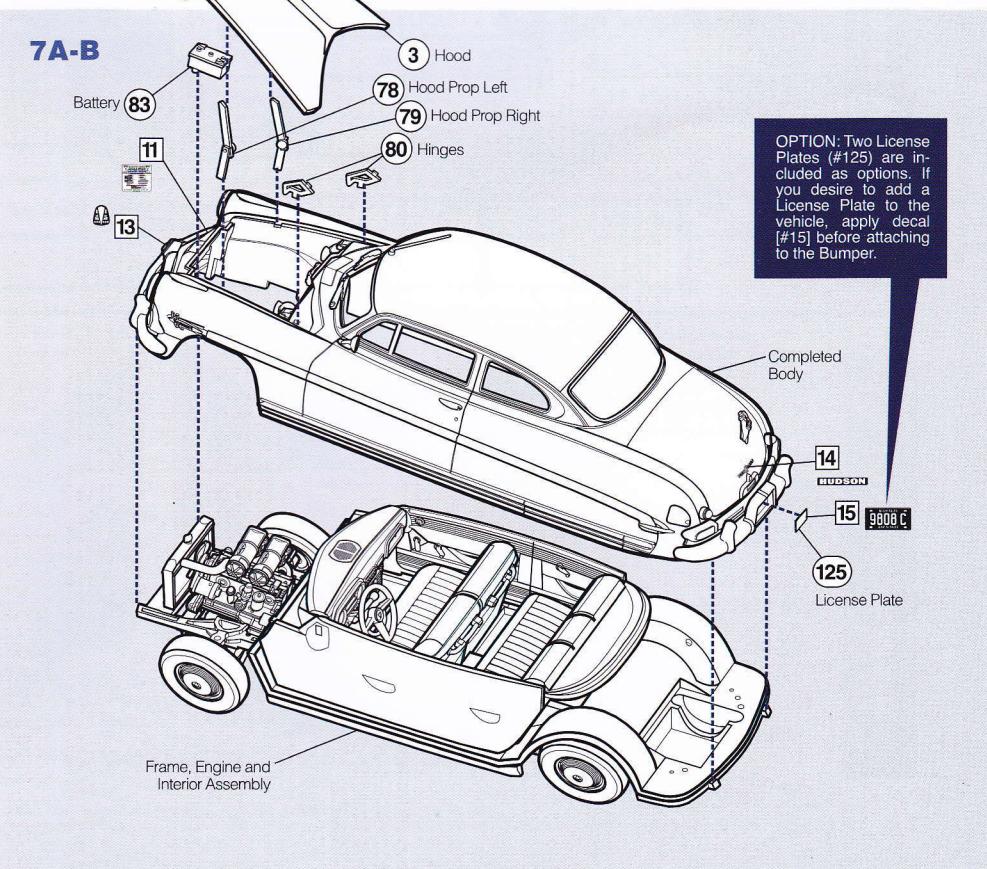
- B** **OPTIONS:** To display your model with permanently open hood, cement two Hinges (#80) to rear of Hood and then to Body, and add Hood Props Left and Right (#78 & #79). Add License Plate (#125) and decal [#15] if desired.



5A

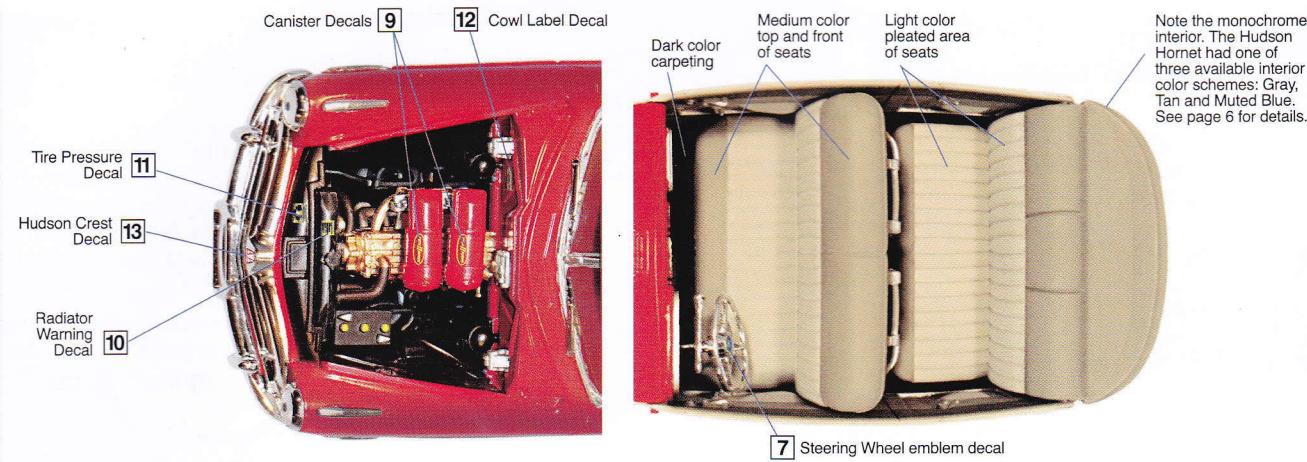


6B-E

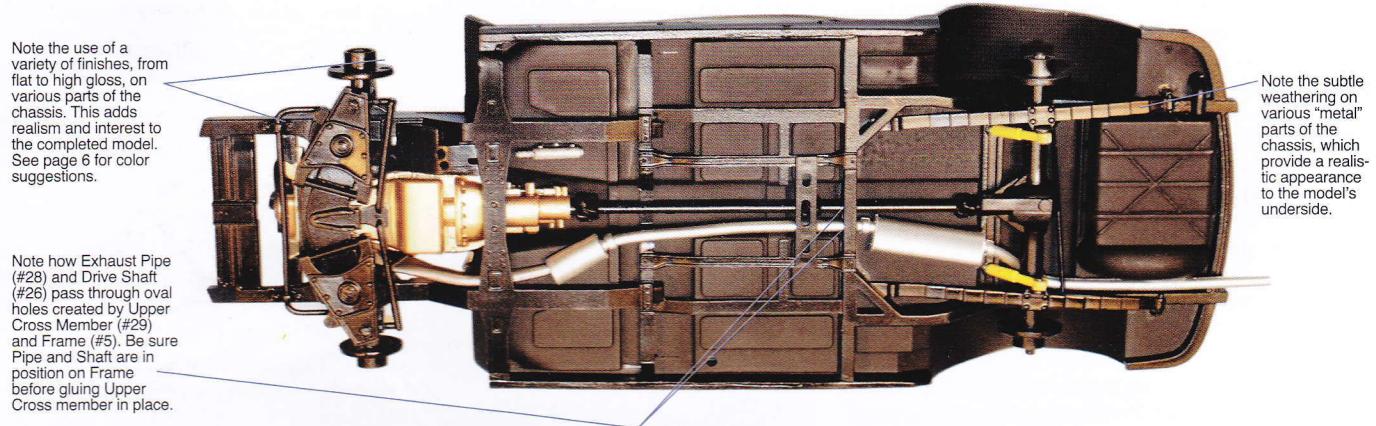


OPTION: Two License Plates (#125) are included as options. If you desire to add a License Plate to the vehicle, apply decal [#15] before attaching to the Bumper.

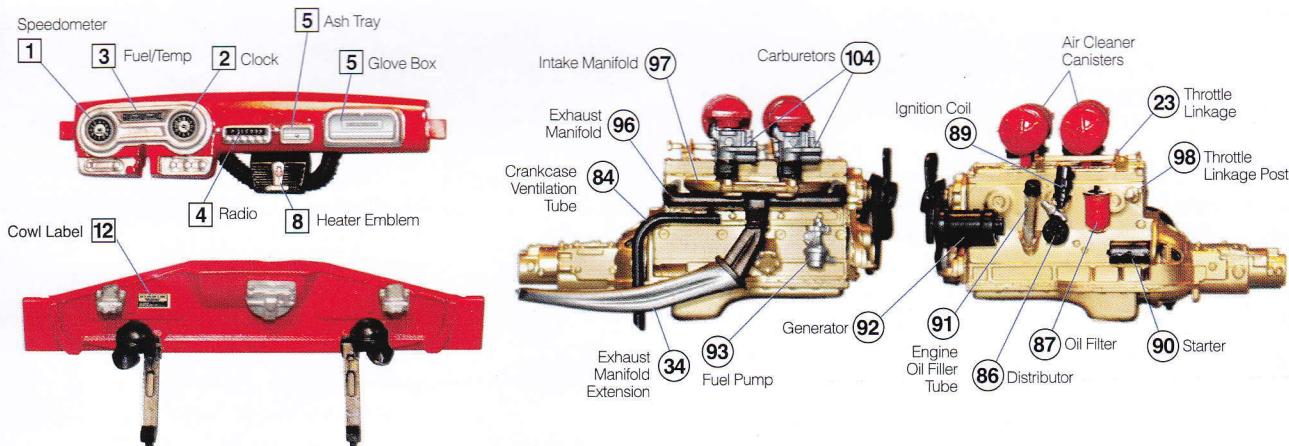
UNDER THE HOOD



CHASSIS



DASH & FIREWALL



BODY EXTERIOR



INTERIOR

ENGINE

SUGGESTED PAINT COLORS

Fan Belt, Radiator Hoses, Hoses on Heater Box	Flat Rubber
Distributor Cap, Battery, Brace inside Grille, Underside of Floor	Flat Black
Exhaust Manifold and Exhaust Manifold Extension	Burnt Iron or Rusty Iron
Frame, Rear Axle Housing and Springs, Drive Shaft, Front Suspension Components, Inner Fenders inside Engine Compartment, Radiator, Recessed area of Grille Opening, Hood Hinges and Hood Props	Semi-Gloss Black
Rear Shock Absorbers, Caps on Battery	Gloss Yellow
Brake Master Cylinder	Steel
Interior Ends of Grab Bars on Seat Back, Window Cranks, Door Handles, ent Bezel, Ash Tray, Radio Front, Glovebox Door and Interior Side Panel Trim Band under Arm Rests	Chrome Silver
Interior Panels under Grab Bars on Seat Back	Wood
Tail Light Lenses	Clear Red

UPHOLSTERY COLORS

The 1953 Hudson Hornet interior consisted of one of three coordinated monotone interiors: **Gray, Tan or Muted Blue**. Various shades of each color were used in specific areas of the vehicle interior.

Carpet	DARK Gray, Tan or Muted Blue
Seats— Front and Top	MEDIUM Gray, Tan or Muted Blue
Seats— Pleated Inserts	LIGHT Gray, Tan or Muted Blue
Headliner	LIGHT Gray, Tan or Muted Blue

Thank You!

A modern kit of a vintage automotive subject (and a rare one at that!) takes a lot of time and research to develop properly. Moebius Models wishes to extend a heartfelt thanks to those individuals who contributed to the development of this kit. First of all, the fine folks at **Hostetler's Hudson Museum** in Shipshewanna, Indiana allowed the development team full access to their amazing collection of Hudsons and vintage Hudson literature. If you are ever in the area, be sure to stop by and visit — they have the world's largest collection of Hudson's under one roof! Visit their website at www.hostetlersudsons.com for more

BODY COLORS

The 1953 Hudson Hornet body came in a variety of factory colors, including some striking two-tone versions. Although you may wish to paint your Hornet in a custom color of your own choosing, those desiring historical accuracy may refer to the following list. Original Hudson Factory Paint Codes have been provided along with the corresponding Ditzler Code. There are many automotive paint sources that provide historical color matching.

HUDSON PAINT CODE	PAINT COLOR NAME	DITZLER CODE
B-96	Broadway Blue	10814
CC-134	Robin's Egg Green	41298
G-128	Pearl Gray Poly	31056
H-27	Texas Tan Poly	20644
J-97	Southern Blue	10813
K-5	Ebony Black	9200
M-64	Toro Red	50216
N-135	Honey Cream	80600
P-136	Blue Grass Green	41297
Q-133	Surf Green	41300
RR-137	Seal Gray	31051
S-132	Meadow Green Poly	41303

TWO-TONE COLORS

HUDSON	DITZLER UPPER / LOWER	HUDSON	DITZLER UPPER / LOWER
RI-147	9200 / 31051	RM-138	80600 / 41298
RK-148	10813 / 31051	RJ-139	50216 / 31051
RN-149	80600 / 10814	RF-140	80600 / 20644
RD-150	80600 / 41303	RA-141	80600 / 9200
RT-151	41303 / 80600	RC-142	80600 / 10813
RW-152	9200 / 41298	RO-143	20644 / 80600
RV-153	80600 / 41300	RQ-144	41298 / 41297
RH-154	9200 / 50216	RU-145	41303 / 41300
RS-155	41300 / 41303	RP-146	10814 / 31056
RP-156	9200 / 31056		

information. A big "thank you" to our consultants, **Arthur Anderson** and **Bill Coulter**, for their fine advice, vintage automotive insight and taking the time to review the work in-progress. The assistance of renowned model kit developer **John Mueller** is highly appreciated as well: John provided reference photography that was invaluable in developing this kit. Special thanks to **Dale Cooper** for politely allowing us the use of his vintage Hudson Hornet's Owner's Manual. Last, but not least, thanks to **YOU, the builder**, for supporting the hobby by purchasing this kit. We hope you are pleased, and we hope there will be much more to come for fans of vintage automotive subjects!



Product Development, Assembly Instructions, Paint Guide and Build-Up for Instruction Sheet **Dave Metzner**
Illustration, Packaging Design and Build-Up on Packaging **Sean Svendsen** • Instruction Sheet Design **Bob Plant**
Driving Force **Frank Winspur** • Infinite Patience **JoAnn Winspur**

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