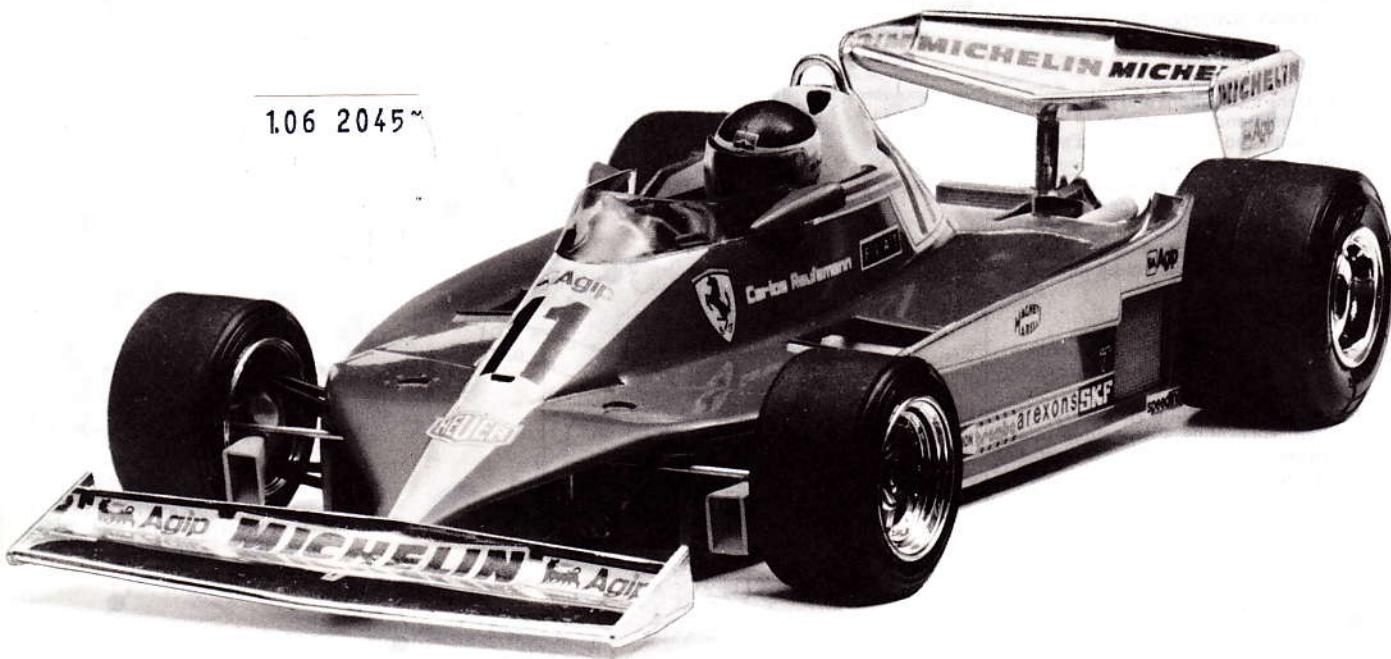


FERRARI 312T3

TAMIYA

1.06 2045~



Formula One Grand Prix racing is held in more than ten countries and is, without doubt, more important than any other car racing in the world.

1978 was definitely a year for Team Lotus of Britain who showed overwhelming superiority by winning eight events. But, Ferrari, a great name with an illustrious history, won five events, second only to Lotus.

Motor sports fans and car enthusiasts throughout the world are very much attracted to Ferrari - more than any other manufacturer. Led by Enzo Ferrari, a man of marked individuality, Ferrari holds the fascination of enthusiasts because they have taken part in motor racing since the end of World War II and have a tradition of excellence which has resulted in numerous victories.

The Ferrari 312 T3 was developed for the 1978 season and further enhanced the glory of Ferrari. This new car, released just after the end of the 1977 season, is a design which incorporates all the past experience of F.1. gained with the 312T and T2. These cars had been very successful for three years, from 1975 to 1977, thanks to Ferrari's chief designer, Mauro Forghieri. The 312 T3 is of monocoque construction and is designed to take full advantage of the greatest possible width allowed within the limits of the F.1. rules. Radiators are mounted on both sides of the cockpit. The power plant is, of course, Ferrari's horizontally opposed 12 cylinder engine which has a maximum output of 510 bhp. The transmission is unique; it is

a transverse type made by Ferrari. The body was designed in co-operation with Pininfarina, a famous name in the design of exotic cars and has excellent properties of aerodynamics and utilization of air flow. French Michelin tyres are used in place of Goodyear, which have been used up to now. This change has attracted much public attention because in F.1. racing tyres have a great effect upon car performance. During 1978 the 312 T3 was driven by Carlos Reutemann and Gilles Villeneuve. The car made its debut in the South African Grand Prix held in March and it won the American Grand Prix West with Reutemann at the wheel. Later, Reutemann was the victor in both the British and American Grand Prix. The Canadian GP, the final event of the season, was won by the Canadian driver, Gilles Villeneuve, and this was his first victory in GP racing. Thus, Ferrari won five Grand Prix events including the Brazilian GP in which the old T2 was used. Ferrari came second in the 1978 Constructors Cup and their No.1. driver, Reutemann, took third place in the Driver Champion rating.

* * *

Grand Prix Rennen werden in mehr als 10 Ländern abgehalten, 1978 waren es 16 Starts in 15 Ländern.

In dieser Saison zeigte das Lotus Team seine grösste Stärke und gewann 8 Rennen. Es war ein Lotus Jahr.

Ferrari jedoch mit seiner grossen Erfahrung brachte schon etwas Aufregung in die Rennen, 5 Siege konnten plaziert werden.

Die Zuschauer sind immer wieder begeistert von der Energie, welche Ferrari unter der Führung von Enzo Ferrari seit rund 30 Jahren in Bezug auf Rennwagen aufbringt. Der 312T3 wurde für 1978 Saison entwickelt vom Chefdesigner Mauro Forghieri.

Ein Monocoque Chassis - so breit als möglich - nach den Bestimmungen, Kühler sind auf beiden Seiten des Cockpit anbracht. Der Motor ist natürlich der 12-Zylinder mit nicht weniger als 510 PS. Das Getriebe ist ein transversales von Ferrari. Die Karosserie wurde in Zusammenarbeit mit Pininfarina geschneidert und äußerst aerodynamisch.

Die Goodyear Reifen wurden gegen Michelin ausgetauscht.

Dieser Tausch wurde besonders stark vom Publikum aufgenommen, da ja die Reifen ein Hauptteil zum Sieg beitragen. Gefahren wurde der Wagen von Carlos Reutemann und Gilles Villeneuve und ging erstmals in Südafrika im März an den Start. Der GP von Amerika wurde von Reutemann gewonnen, - auch der GP von England.

Der Grand Prix von Kanada wurde von dem Kanadier Villeneuve - seinem ersten Sieg im GP - nach Hause gefahren.

Einschließlich des Grand Prix von Brasilien (eingesetzt war der alte T2) konnte Ferrari in der 78er Saison 5 Siege verbuchen.



- ★ Study the instructions and photographs before commencing assembly.
- ★ You will need a sharp knife, a screwdriver, a file and a pair of pliers.
- ★ Do not break parts away from sprue, but cut off carefully with a pair of pliers.
- ★ Use cement sparingly. Use only enough to make a good bond. Apply cement to both parts to be joined.

● This mark shows colour.

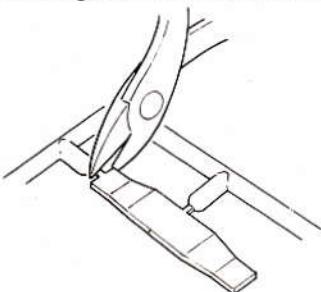
★ Vor Beginn die Bauanleitung studieren und den Nummern nach die Elemente zusammenbauen.

★ Bauteile nicht vom Spritzling abbrechen, vorsichtig abschneiden oder abzwicken, Teile vor Kleben zusammenhalten, auf genauen Sitz achten. Nicht zuviel Klebstoff verwenden. Kleine Teile hält man mit Pinzette fest.

★ Abziehbilder vorsichtig von der Unterlage im Wasser abschieben, auf richtigen Sitz achten und gut trocknen lassen.

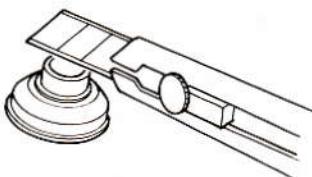
● Zeichen für Bemalung.

Do not break parts away from sprue, but cut off carefully with a pair of pliers.
Bauteile nicht vom Spritzling abbrechen, vorsichtig abschneiden oder abzwicken.



5 cm

Before cementing plated parts, remove plating with a knife etc. from the surface to which cement is applied.
Chromeschicht an Klebestellen entfernen.

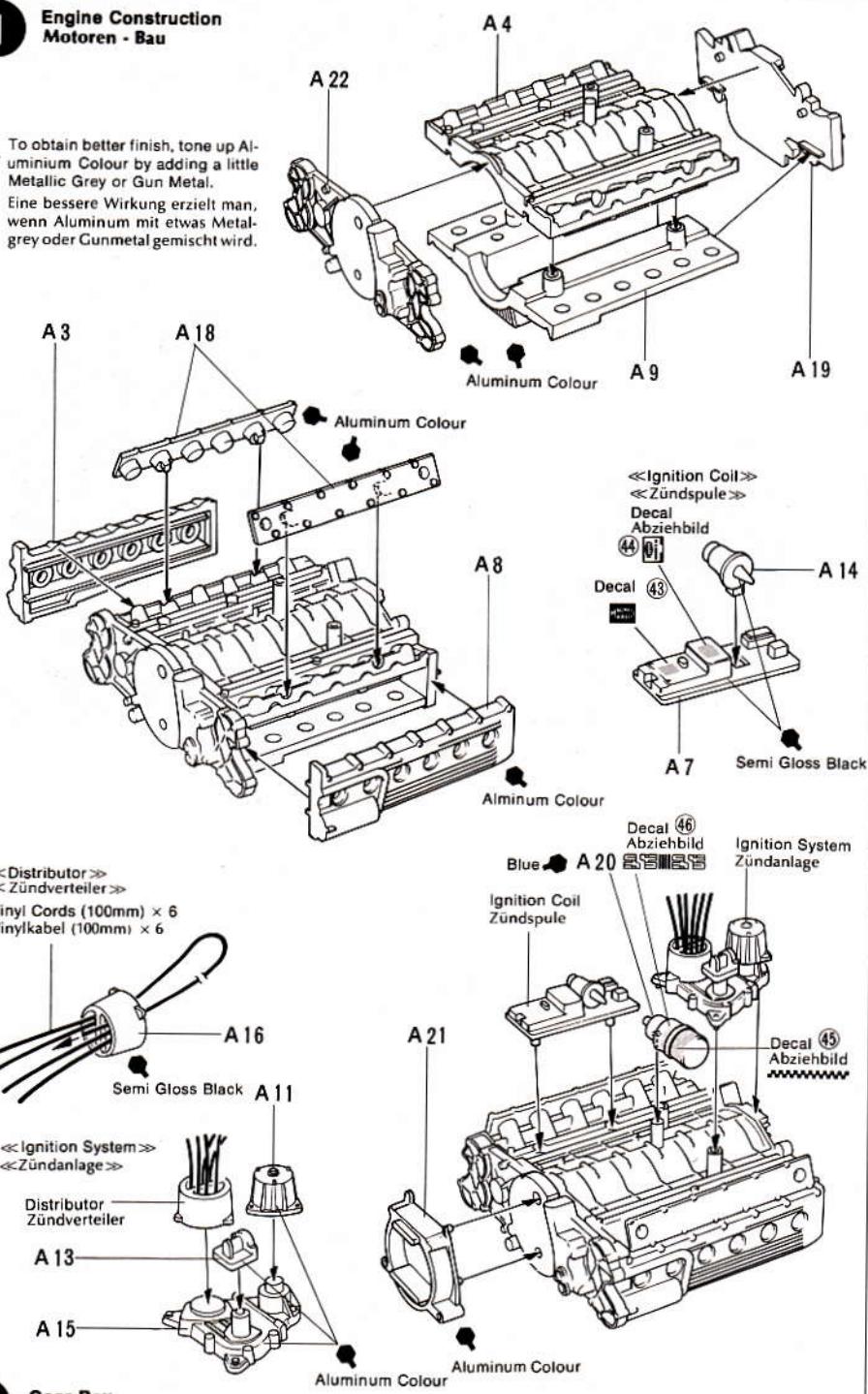


10cm

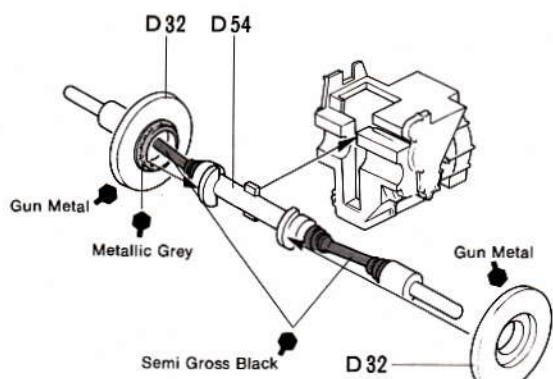
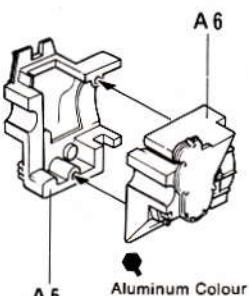
1 Engine Construction Motoren - Bau

To obtain better finish, tone up Aluminium Colour by adding a little Metallic Grey or Gun Metal.

Eine bessere Wirkung erzielt man, wenn Aluminium mit etwas Metallgrau oder Gunmetal gemischt wird.



2 Gear Box Getriebe-Gehäuse

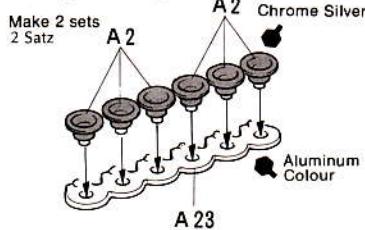


TAMIYA COLOR CATALOGUE

The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full color in Tamiya's latest catalogue. At your nearest hobby supply house.

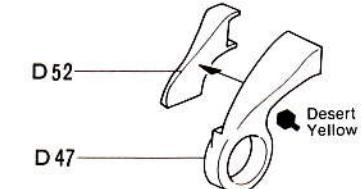
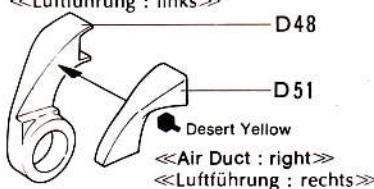
3 <<Fixing of Gear Box>>
 <<Einbau Getriebe - Gehäuse>>

<<Fuel Injection Plate>>
 <<Einspitz - Anlage>>

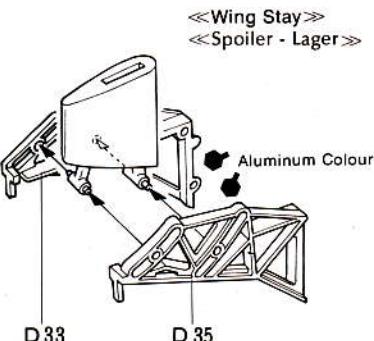
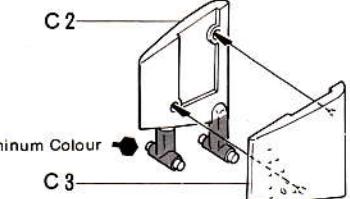


4 <<Wing Stay>>
 <<Spoiler - Lager>>

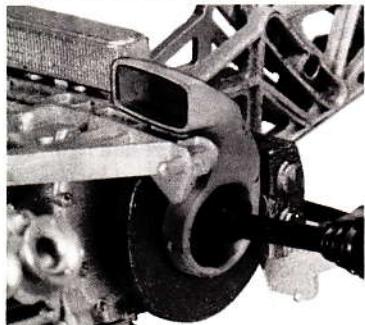
<<Air Duct : left>>
 <<Luftführung : links>>



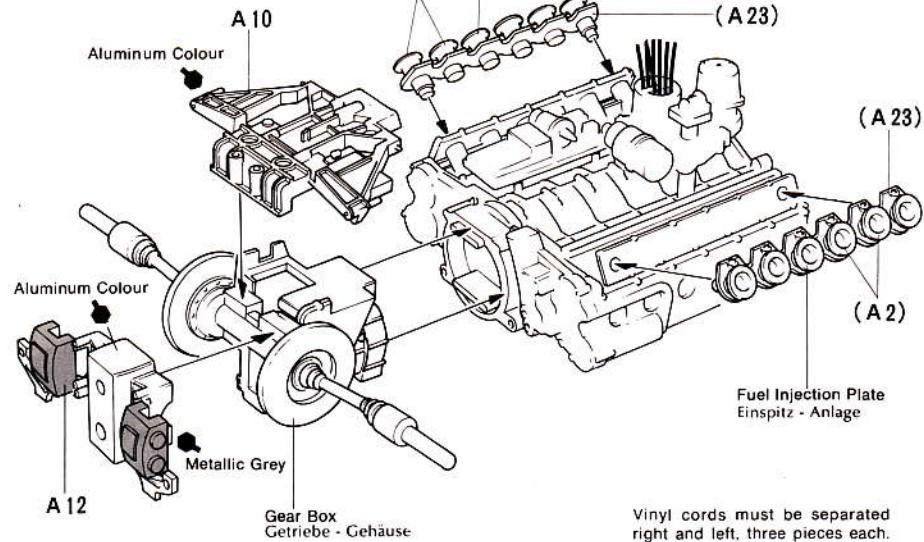
<<Wing Stay>>
 <<Spoiler - Lager>>



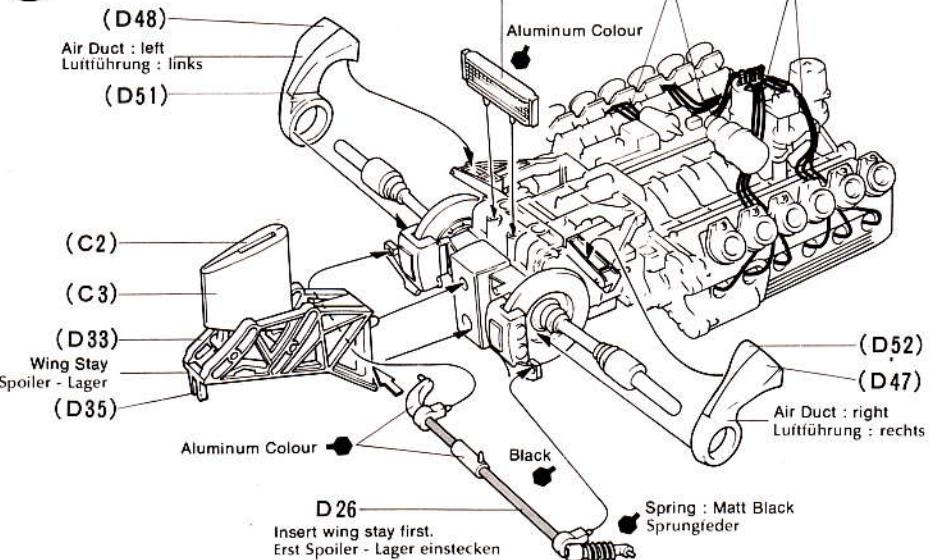
<<Fixing of Air Ducts>>
 <<Einbau der Luftführungen>>



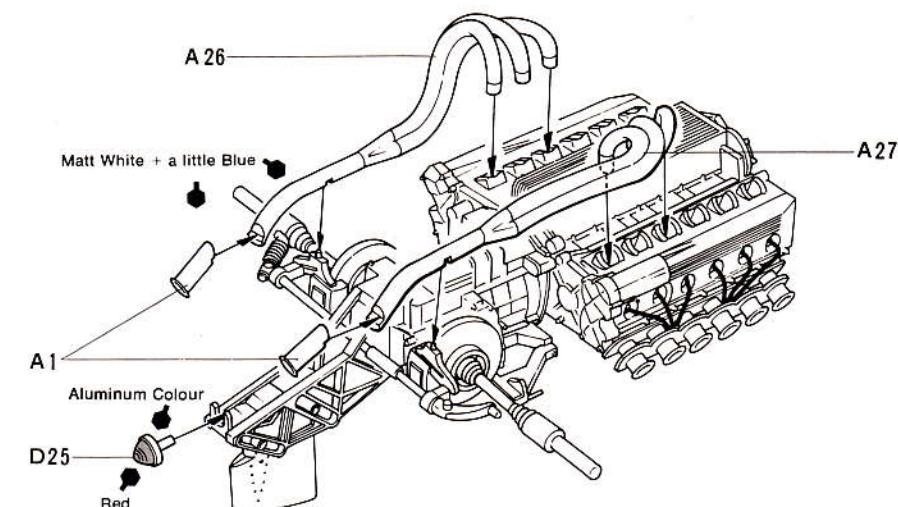
3 Fixing of Gear Box
 Einbau Getriebe - Gehäuse



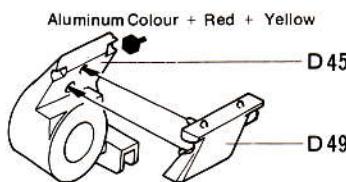
4 Wing Stay
 Spoiler - Lager



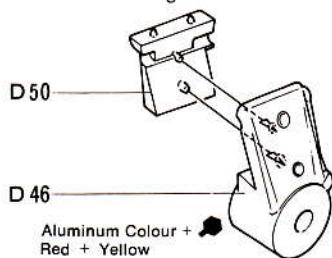
5 Exhaust Pipe 1
 Auspuff 1



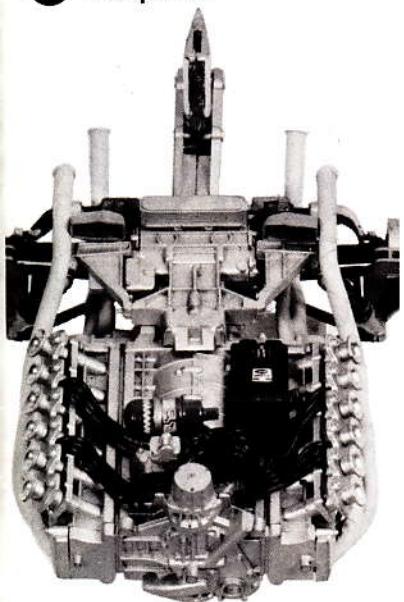
6 <<Fixing of Rear Upright>>
 <<Einbau der hinteren Achs - Lager>>
 <<Rear Upright : Right>>
 <<Hintere Achs - Lager : rechts>>



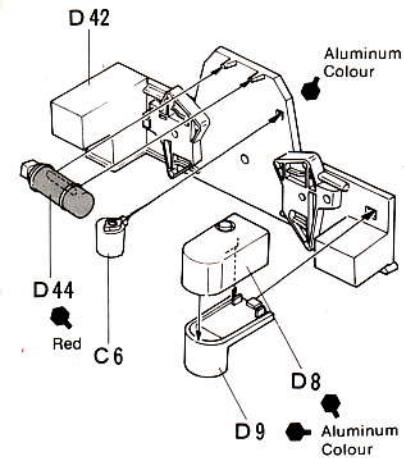
<<Rear Upright : Left>>
 <<Hintere Achs - Lager : links>>



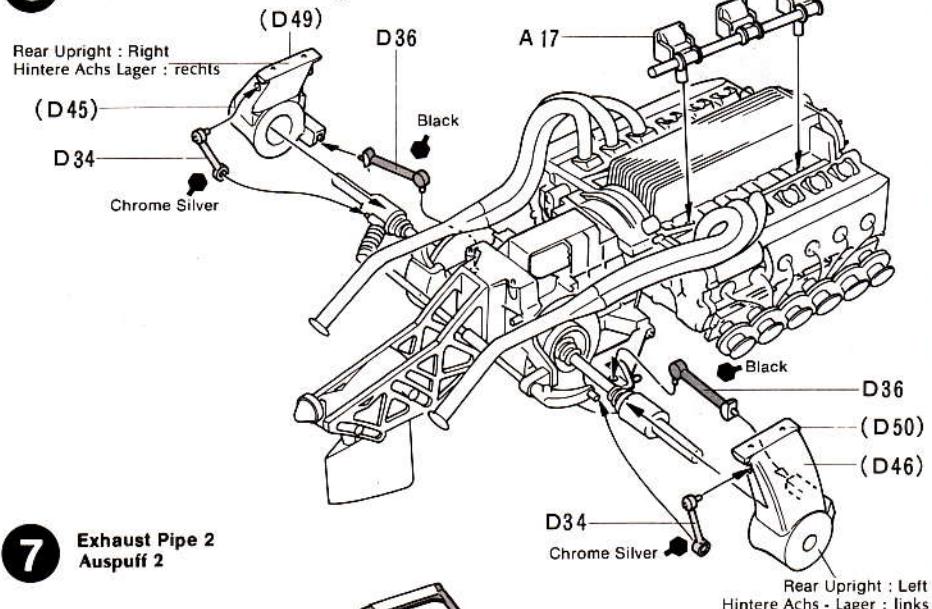
7 <<Exhaust Pipe 2>>
 <<Auspuff 2>>



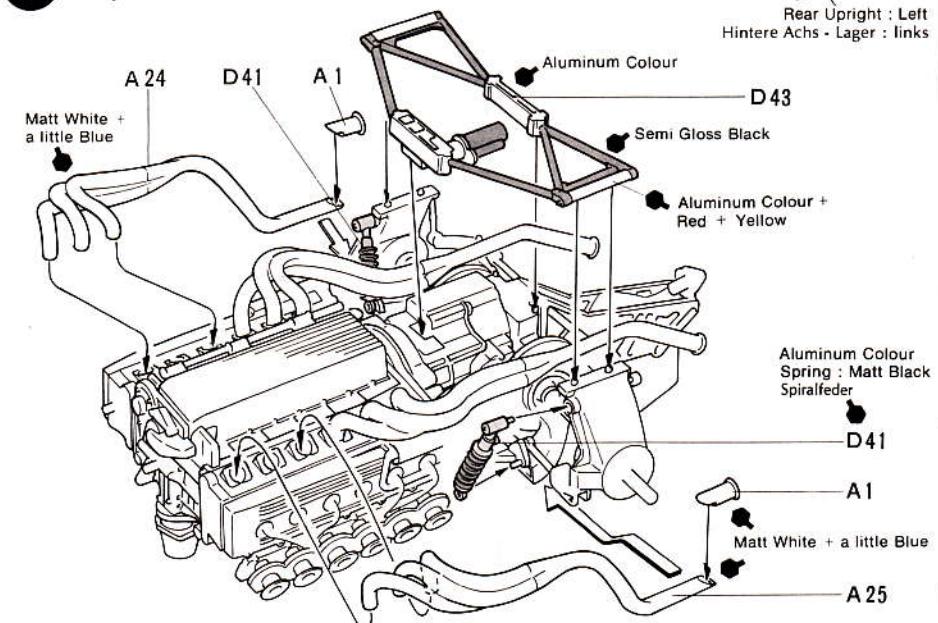
8 <<Rear Bulkhead>>
 <<Feuerwand>>



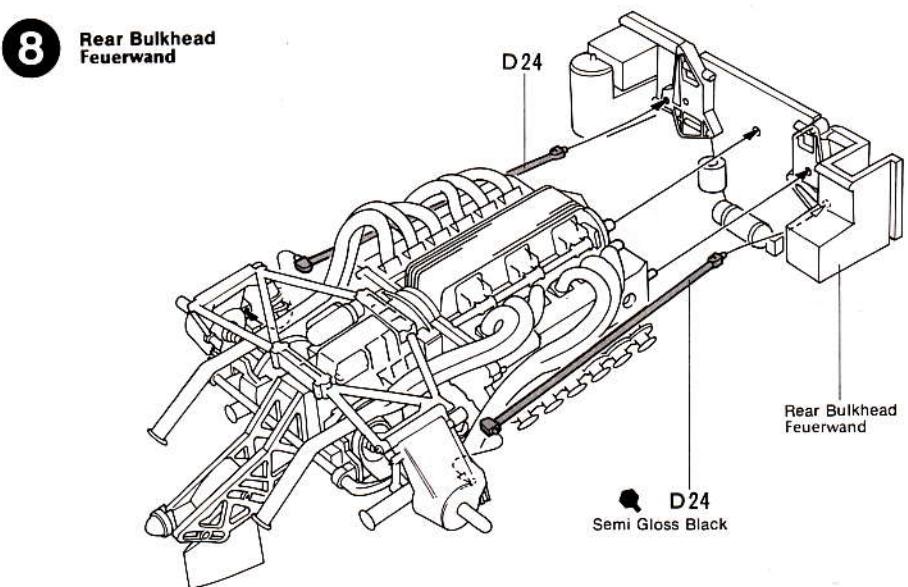
6 Fixing of Rear Upright
 Einbau der hinteren Achs - Lager



7 Exhaust Pipe 2
 Auspuff 2

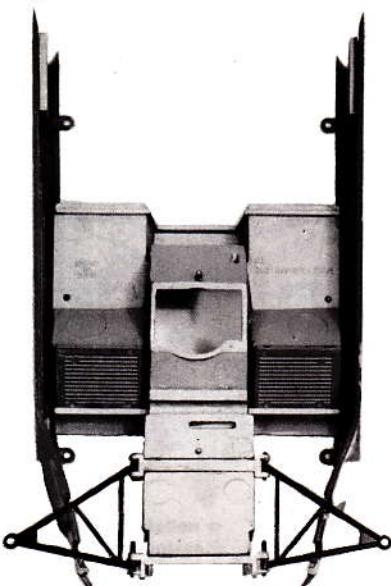


8 Rear Bulkhead
 Feuerwand



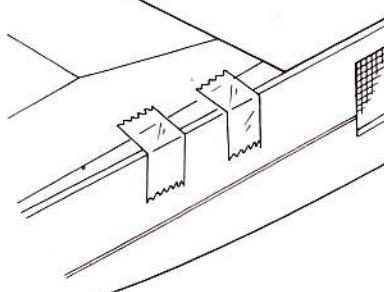
9

<<Chassis 1>>



After cementing, hold parts together with cellophane tape for a while.

Nach dem Kleben hält man Teile mit Tesafilm zum Trocknen zusammen.

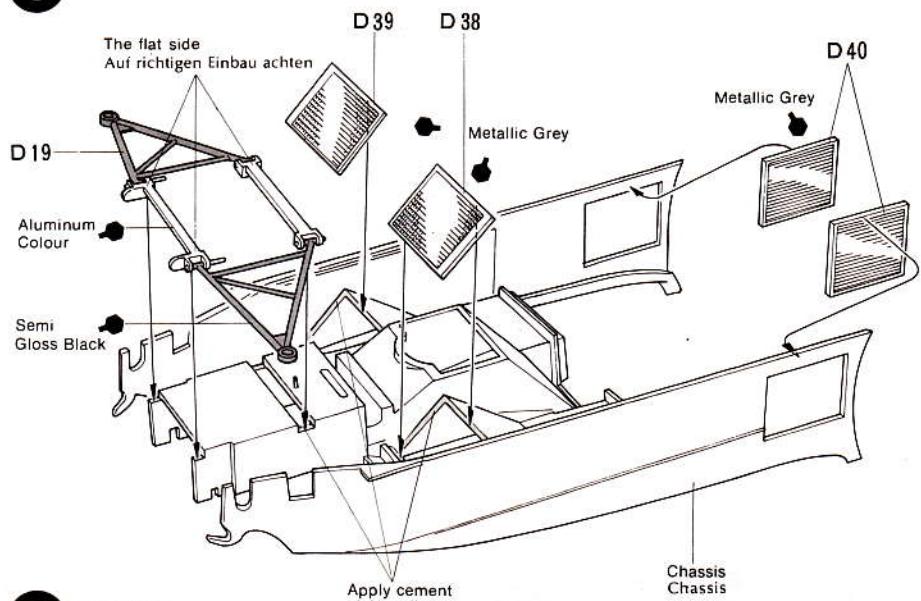


<<Painting of Reverse Side of Chassis>>
<<Bemalung Chassisunterteil >>



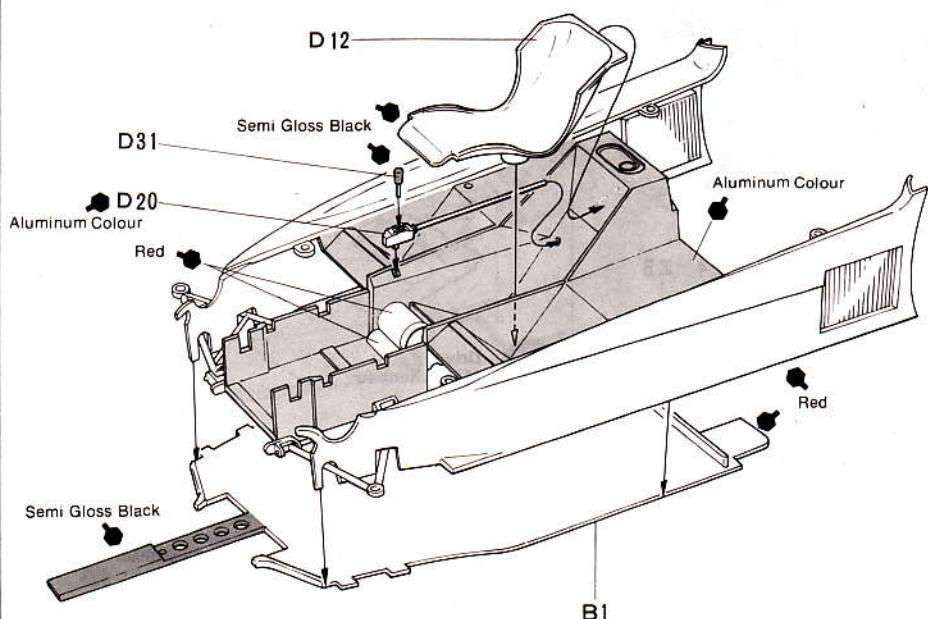
9

Chassis 1



10

Chassis 2



11

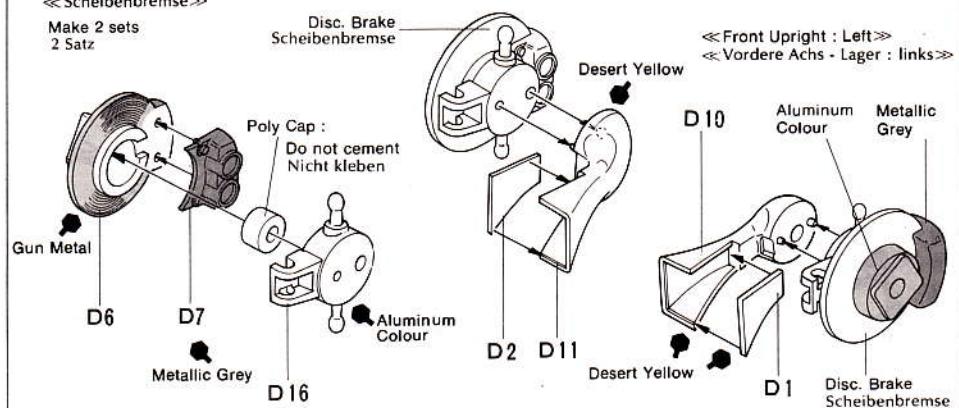
Front Upright
Vordere Achs - Lager

<<Disc. Brake>>
<<Scheibenbremse>>

Make 2 sets
2 Satz

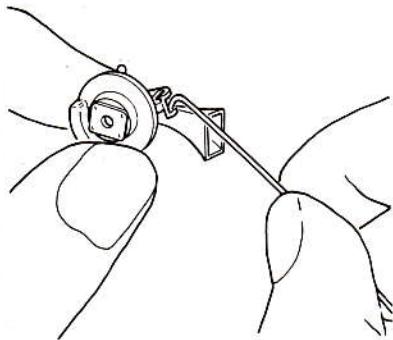
<<Front Upright : Right>>
<<Vordere Achs - Lager : rechts>>

Disc. Brake
Scheibenbremse

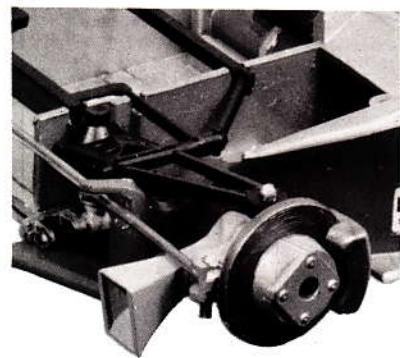


12 <<Front Suspension>>
 <<Vordere Achsaufhängung>>

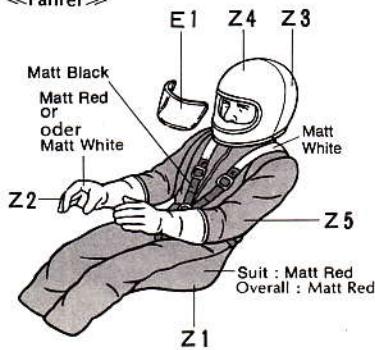
<<Tie Rod>>
 <<Verbindungsstange>>



<<Front Upright>>
 <<Vorderes Achs - Lager>>

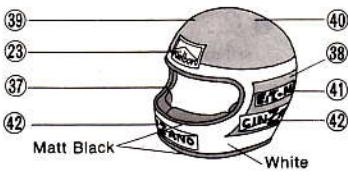


<<Driver>>
 <<Fahrer>>

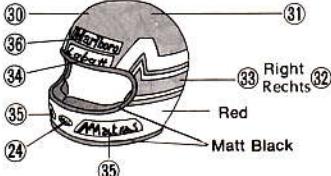


<<Helmet>>
 <<Helm>>

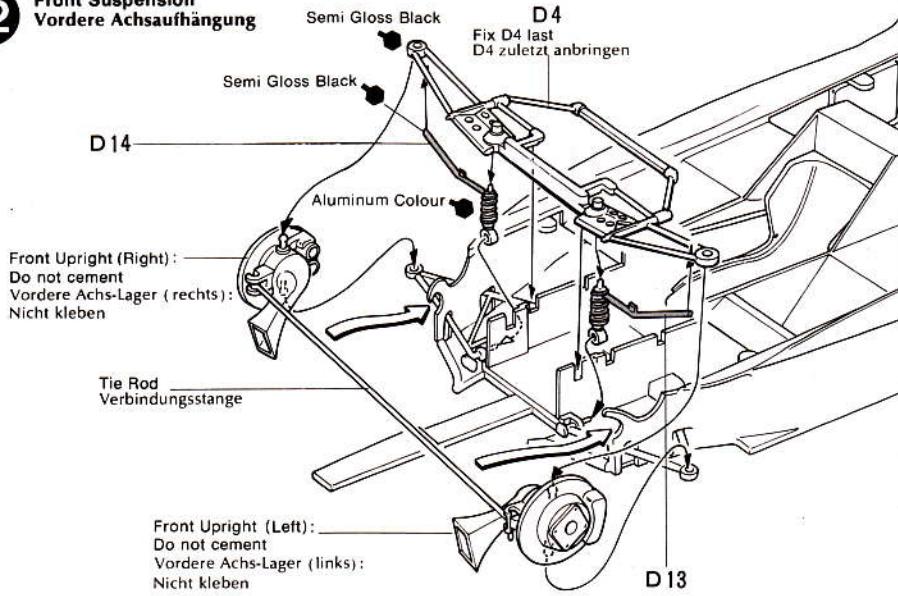
Car No. 11: Carlos Reutemann



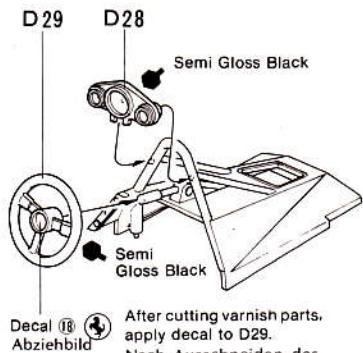
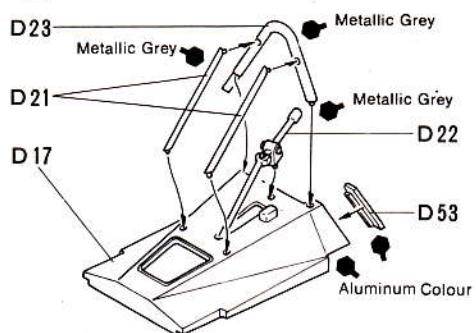
Car No. 12 : Gilles Villeneuve



12 Front Suspension
 Vordere Achsaufhängung

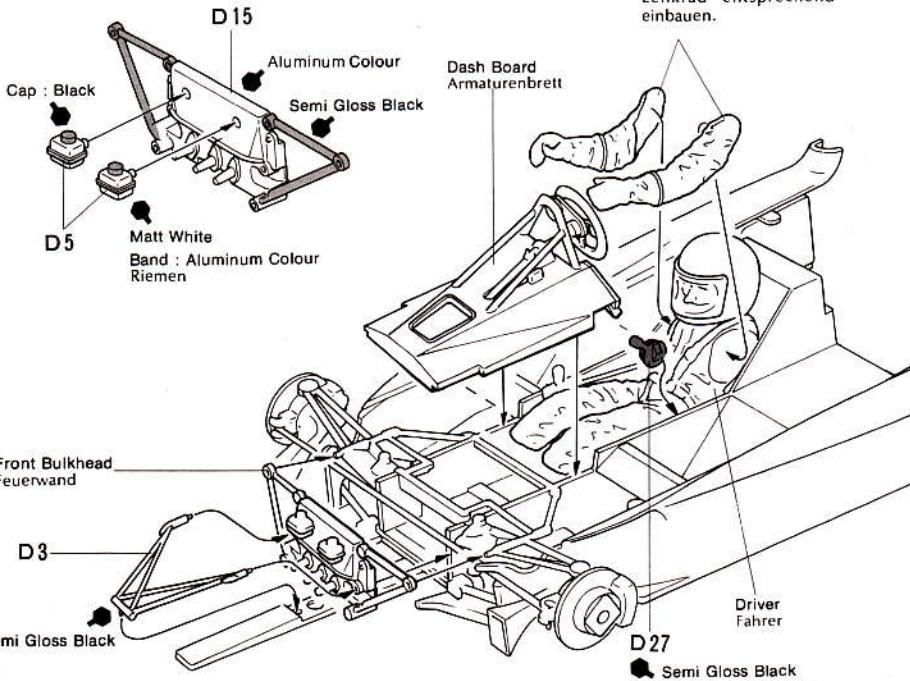


13 Dash Board
 Armaturenbrett

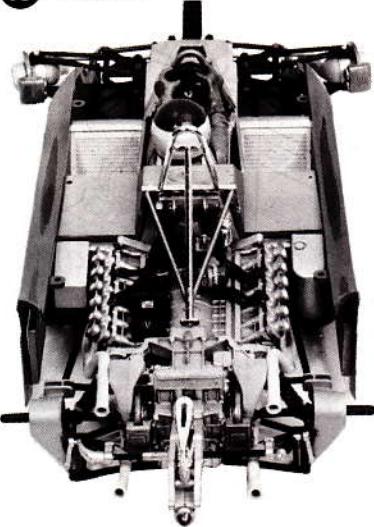


14 Driver
 Männchenbau

<<Front Bulkhead>>
 <<Feuerwand>>



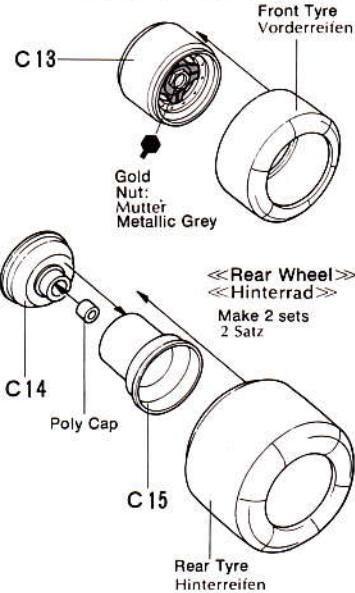
15 <<Engine>>
<<Motor>>



17 «Completion»
«Endmontage»

Enchanted
Front Wheel

«Front Wheel» Make 2 sets
«Vorderrad» 2 Satz



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1/20 RENAULT RE30B TURBO

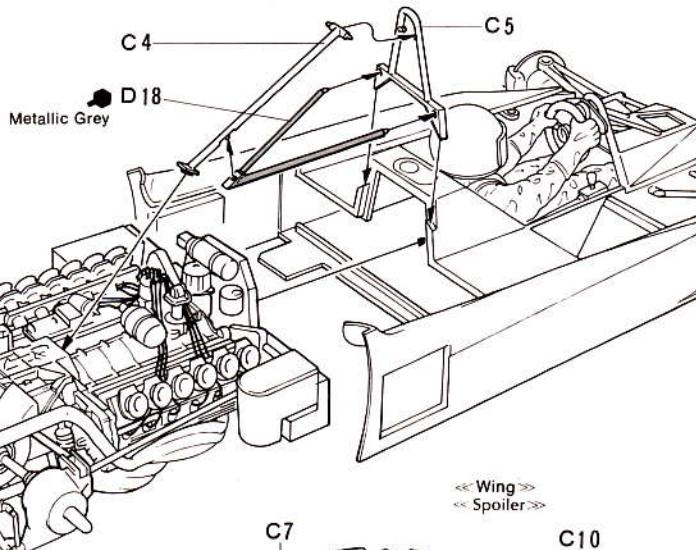


1/12 SUZUKI GSX1100S KATANA



TAMIYA
TAMIYA PLASTIC MODEL CO.
3-7 ONDANWARA SHIZUOKA-CITY, JAPAN

15 Engine Motor



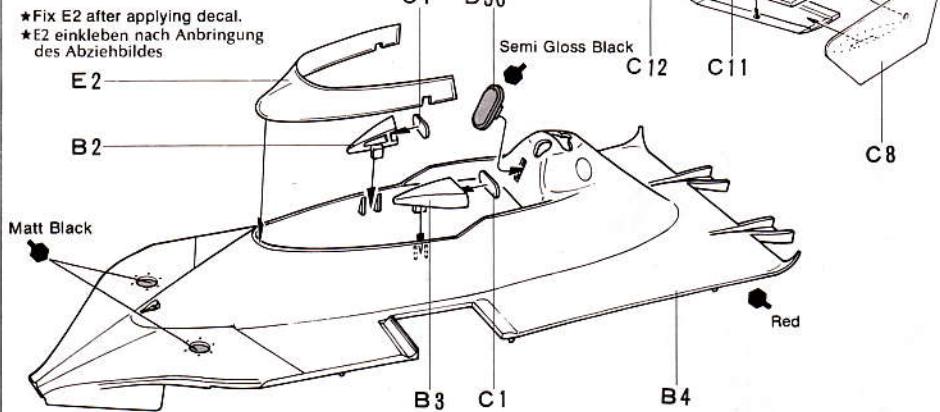
<< Wing >>
<< Spoiler >>

16 Body Karosserie

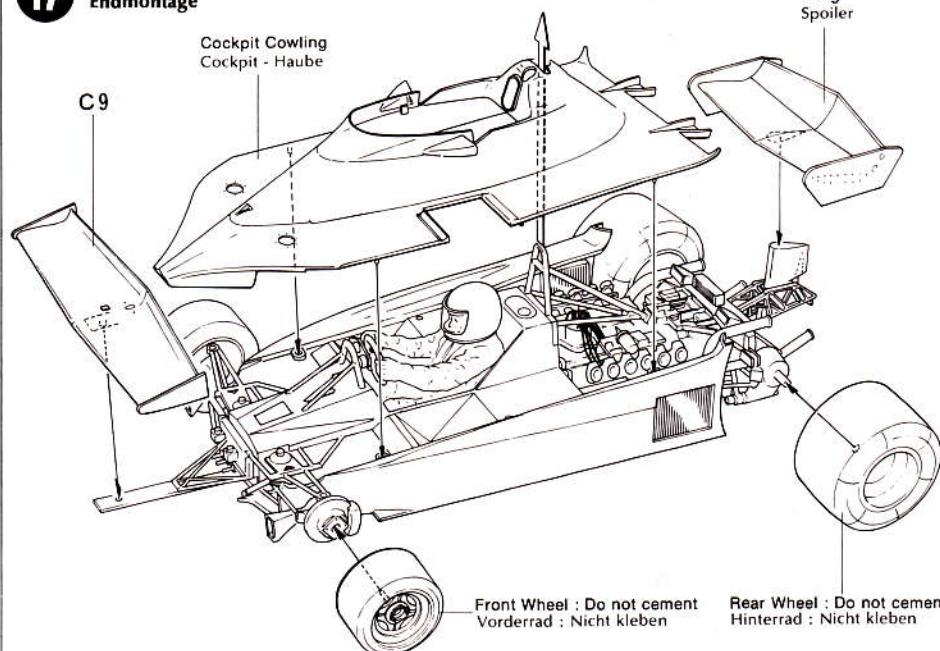
<< Cockpit Cowling >>

[Cockpit Haub](#)

★ Fix E2 after applying decal.
★ E2 einkleben nach Anbringung
des Abziehbildes



17 Completion Endmontage



PAINTING



APPLYING DECALS

<<Painting of the Ferrari 312T3>>

The Ferrari 312T3, which showed activity in 1978 Grand Prix racing, is painted Italian red, the national colour of Italy, for the most part and white in the rear of the cockpit, etc. The car No. 11 was driven by ace driver Carlos Reutemann and the car No. 12 by Gilles Villeneuve. The body wears marks of sponsors such as oil maker AGIP.

Apply decals with reference to the figures. For painting of small parts, see the drawings for assembly. It will be also fun to paint the model in your own way.

<<Bemalung des Ferrari 312T3>>

Der 1978er Grand Prix Ferrari 312T3 ist in der Nationalfarbe Italiens bemalt: rot, hinter dem Cockpit jedoch in weiß. Der Wagen No. 11 wurde von Carlos Reutemann und No. 12 von Gilles Villeneuve gefahren. Die Karosserie zeigt die Marke des Sponsors AGIP Abziehbilder wie gezeigt anbringen. Die Bemalung kleiner Teile ist bereits in der Anleitung angegeben.

<<Colours to be used>>

<<Bemalung>>

Red
Body
Karosserie

Semi Gloss Black
Front Arm, Rear Arm
Vord. Arm, Hint. Arm

Matt Black
Steering Wheel, Knob, Leather
Steuerrad, Schaltknopf, Leder

Black
Small Parts

Red
Tail Lamp
Schlussleuchten

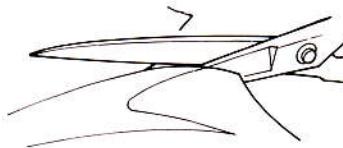
Gun Metal
Gear Case
Getriebe - Gehäuse

Chrome Silver
To creat a cast metal
So erreicht man den Metalleffekt

Aluminum Colour
Chassis

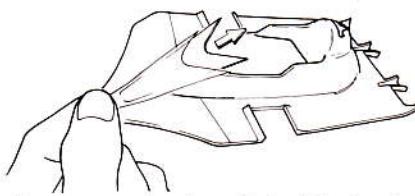
<<Applying Decals>>

- ① A decal to be applied should be cut off beforehand.
- ② Dip it in water. When the backing film arches, remove from the water to place on a cloth such as a towel.
- ③ A minute or two later, hold edge of the backing film to slide the decal onto the model from the backing film.



- ④ Then, put a little of water on your finger to wet the decal so that the latter will be moved more easily onto the right spot.

- ⑤ Press the decal down with a soft cloth such as towel to force air bubbles out of underside of the decal. Continue the work until



the excess water, too, will be fully absorbed. When the surface to be applied with a decal is uneven or curved, press the decal down with a steamed towel so that the warmed, wet decal

will fit the surface well. Cut off the excess transparent portion around a decal before applying. When so done, you can expect a sharp finish with the decal precisely in its specified place.

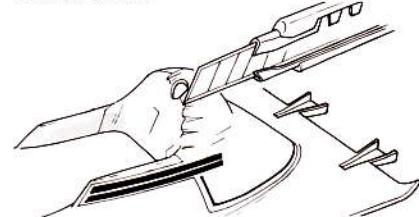
<<Abziehbilder>>

- ① Bild erst genau ausschneiden.
- ② In Wasser legen, wenn Bild abhebt, auf trockenen Stoff legen.
- ③ 1-2 Minuten später, Papier an Ecken halten



und Bild abschieben auf Modell.

- ④ Etwas Wasser auf Finger und Bild auf genauen Platz schieben.



- ⑤ Mit Stoff Luftblasen herausdrücken, überflüssiges Wasser aufsaugen. Wenn Fläche uneben oder gebogen ist, Bild mit nassem heißen Tuch aufdrücken.

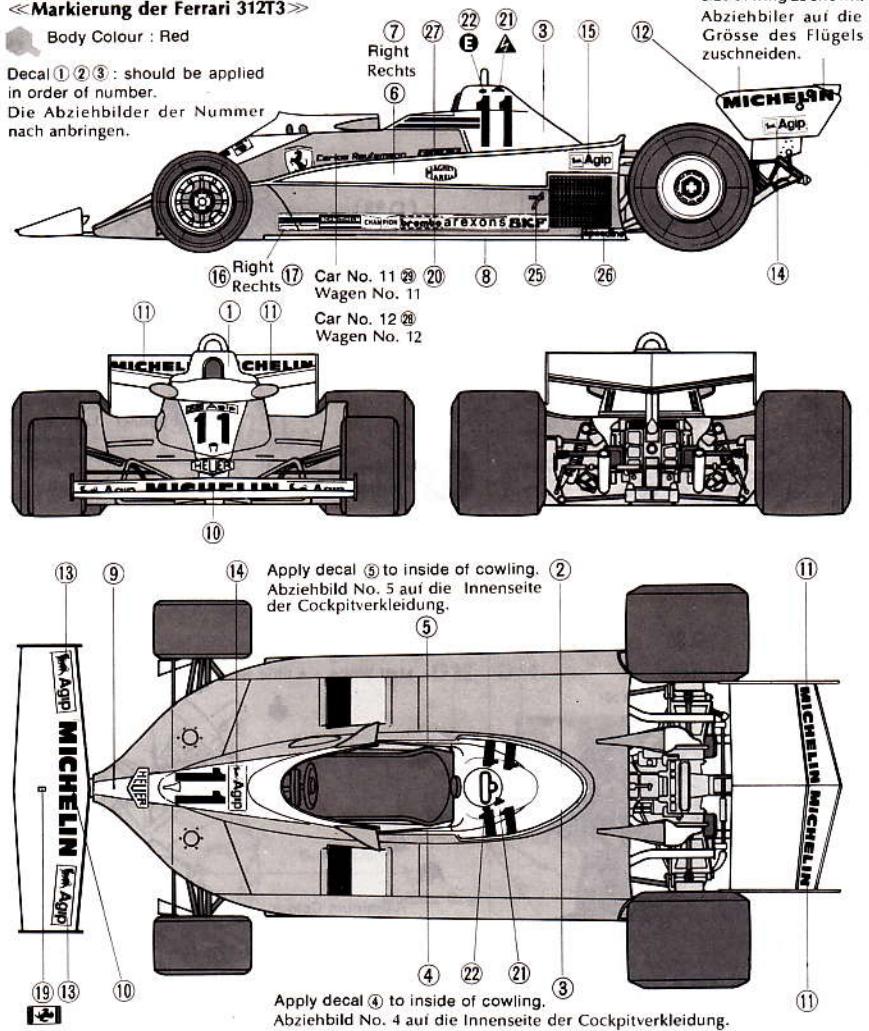
<<Marking of Ferrari 312T3>>

<<Markierung der Ferrari 312T3>>

Body Colour : Red

Decal ① ② ③ : should be applied in order of number.

Die Abziehbilder der Nummer nach anbringen.



You can enjoy beautiful finish by making the best use of the original body colour.

In einer guten Bemalung liegt das Ergebnis eines guten Modelles.