

CX500 HONDA TURBO



1/12 MOTORCYCLE SERIES



★ This kit was designed with the full cooperation of Honda Motor Co., Ltd.
★ Dieser Kit wurde in Zusammenarbeit mit der Honda Motor Co., Ltd. entworfen.

Every two years, one of the most famous motorcycle shows in the world is held in Cologne, West Germany. The show held there in 1980 is sure to be remembered for many years to come for two reasons. First, the unique body styling of the Suzuki GSX1100S 'Katana' was unveiled. Second the first Turbocharged motorcycle was shown. The Honda CX500 created much excitement and in 1981 it was released as the first production turbocharged machine in the world. Turbocharging is a system of using the engine exhaust to rotate a turbine which powers a compressor to increase the volume of gas/air mixture introduced into the engines cylinders, thereby increasing power output and reducing gas consumption. During WW 2, many fighter and bomber aircraft utilized the turbocharging method to increase performance and in the late 1970's we again saw turbocharging in racing cars. During the 80's many street automobiles are now using turbocharging. It was often thought that turbocharging could not be effective in smaller engines due to the lag time in acceleration. The Honda Company, in conjunction with IHI (Ishikawajimaharima Heavy Industries) successfully overcame

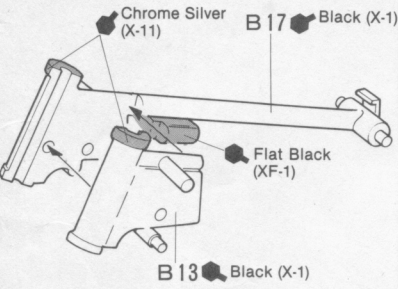
this drawback by using C.F.I.(Computerized Fuel Injection) which they developed for the CX500. This bike is based on the Honda 500cc 80 degree twin, watercooled engine, which un-turboized produces 48hp and 4.1 kg/m torque. By turbocharging this engine they have come up with 79hp and 7.5 kg/m torque. With the wind tunnel developed cowling and this new engine, the Honda CX500 makes a perfect high speed tourer. Suspension is the Honda Pro-Link rear and a 4-way adjustable Anti-Nose dive front end. Maximum speed is over 200km/ph and it can accelerate from 0-400mtr in 12.1 seconds. Honda, always a leader, has again come up first with a machine desired by all enthusiasts.

* * *

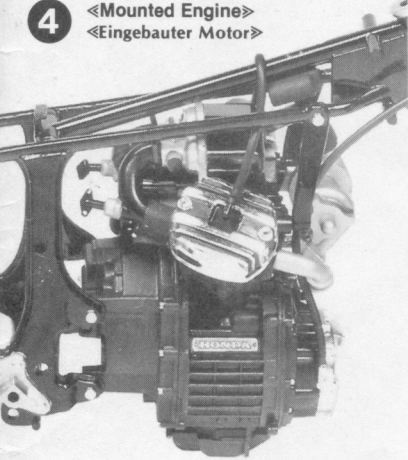
Alle zwei Jahre findet in Köln, Westdeutschland eine der weltberühmten Motorrad-Show statt. Die Show im Jahre 1980 hatte zwei aussergewöhnliche Motorräder zu zeigen: die Suzuki GSX1100S Katana mit der einmaligen Karosserie und das erste Motorrad mit Turbolader die Honda CX500. 1981 ging diese Honda mit Turbolader in die Produktion. Turboladen ist ein System, welches die Auspuffgase des Motors über eine Turbine verwendet, um die Gas/Luftmischung

durch einen Kompressor zu verstärken und wieder in die Zylinder zurückzuführen, die Leistung wird erhöht und der Verbrauch reduziert. In den 70er Jahren wurde das Turboladen bereits in Rennwagen für grössere Leistungen eingebaut. In den 80er Jahren gibt es schon viele Strassenwagen mit Turbo. An kleinere Motore mit Turbo ging man nicht heran, man war der Meinung es entsteht eine Verzögerung durch den Turbolader beim Gasgeben. Die Honda Company konnte mit IHI (Ishikawajimaharima Schwerindustrie) dieses Handicap beseitigen durch die C.F.I. (Computer-Benzin-Einspritzung) speziell entwickelt für die CX500. Dieses Motorrad basiert auf der Honda 500cc wassergekühlte Motor welche ohne Turbo 48 PS mit 4,1 Kg/m Schub bringt. Durch den Turbolader brachten sie diese Maschine auf 79 PS und 7,5 Kg/m Schud. Die im Windkanal entwickelte Verkleidung und der neue Motor ist die Honda CX500 ein Highspeed Touringrad. Die Aufhängung ist die Honda Pro-Link und vorne ist eine 4-fach verstellbare Anti-Nose gabel. Maximum Geschwindigkeit liegt über 200 km/Std und von 0 auf 400 Meter in 12,1 Sekunden. Honda, immer vorne, hat wieder als Erster eine Maschinen gebracht, gewünscht von allen, Motorradfans.

3 <<Assembly of Frame Stem>>
<<Mitt-Rahmen Montage>>



4 <<Mounted Engine>>
<<Eingebauter Motor>>

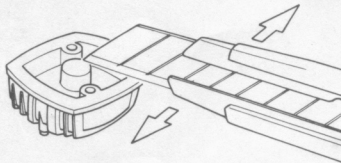


5 <<Rear Wheel>>
<<Hinterrad>>



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

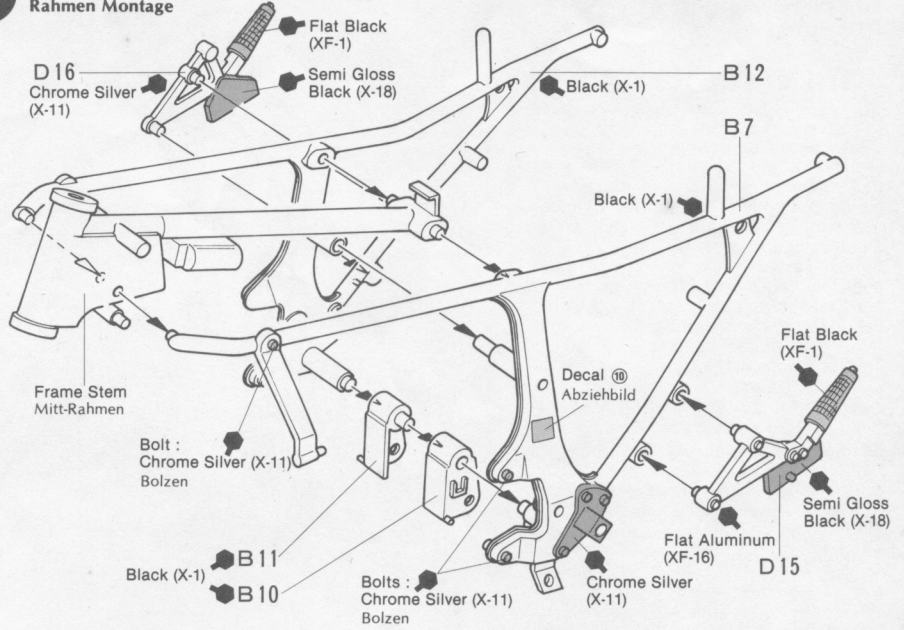
Chrometeile: Vor dem Kleben muss an den Klebestellen die Chromschicht abgeschabt werden, da sonst Klebstoff nicht bindet.



TAMIYA COLOUR CATALOGUE

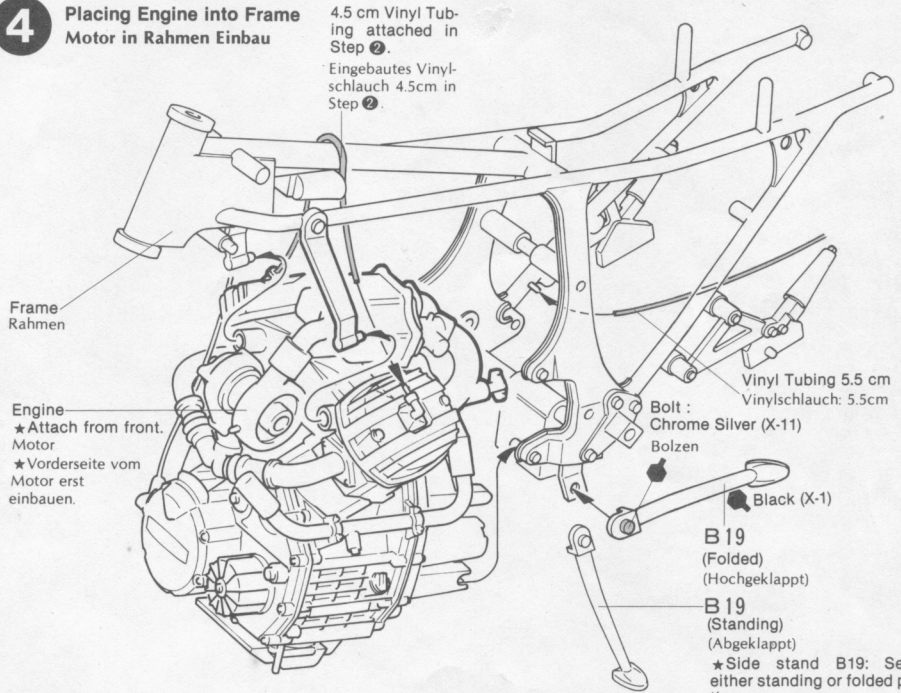
The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full colour in Tamiya's latest catalogue. At your nearest hobby supply house.

3 Assembly of Frame
Rahmen Montage

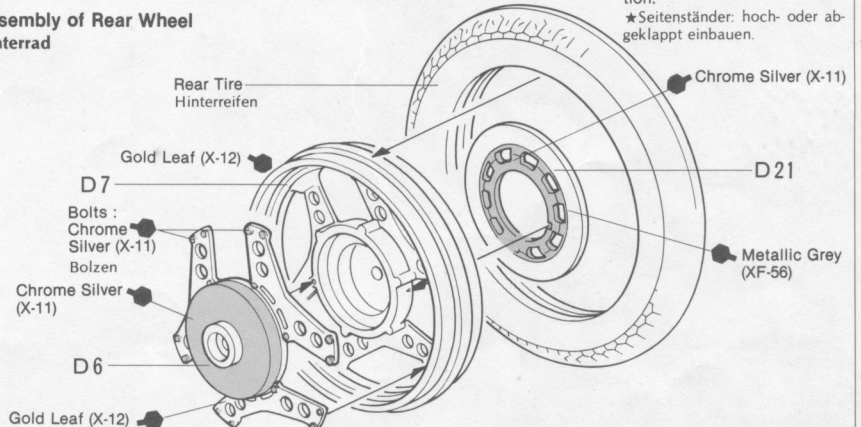


4 Placing Engine into Frame
Motor in Rahmen Einbau

4.5 cm Vinyl Tubing attached in Step 2.
Eingebautes Vinylschlauch 4.5cm in Step 2.



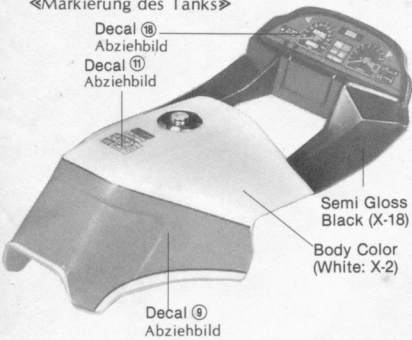
5 Assembly of Rear Wheel
Hinterrad



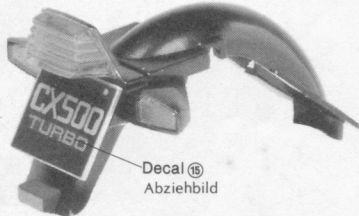
10 <<Fuel Tank & Rear Fender>> <<Tank und Hinteres Schutzblech>>

<<Marking of Fuel Tank>>
<<Markierung des Tanks>>

Decal ⑩
Abziehbild
Decal ⑪
Abziehbild

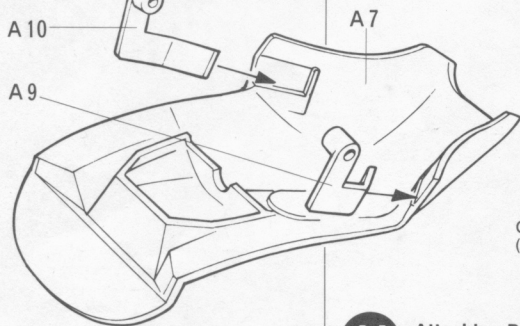


<<Marking of Rear Fender>>
<<Markierung des Hinteren Schutzbleches>>



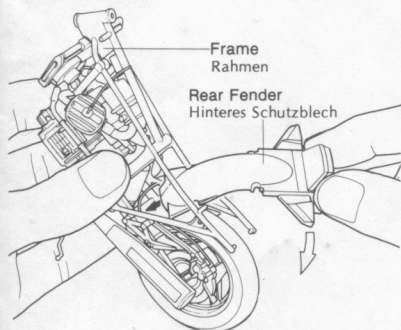
<<Fuel Tank>>
<<Tank>>

★ Thread holes for A9 & A10 with 2.6 mm x 5 screw beforehand.
★ Mit Schraube 2,6mm x 5mm erst Löcher in A9 und A10 bohren.



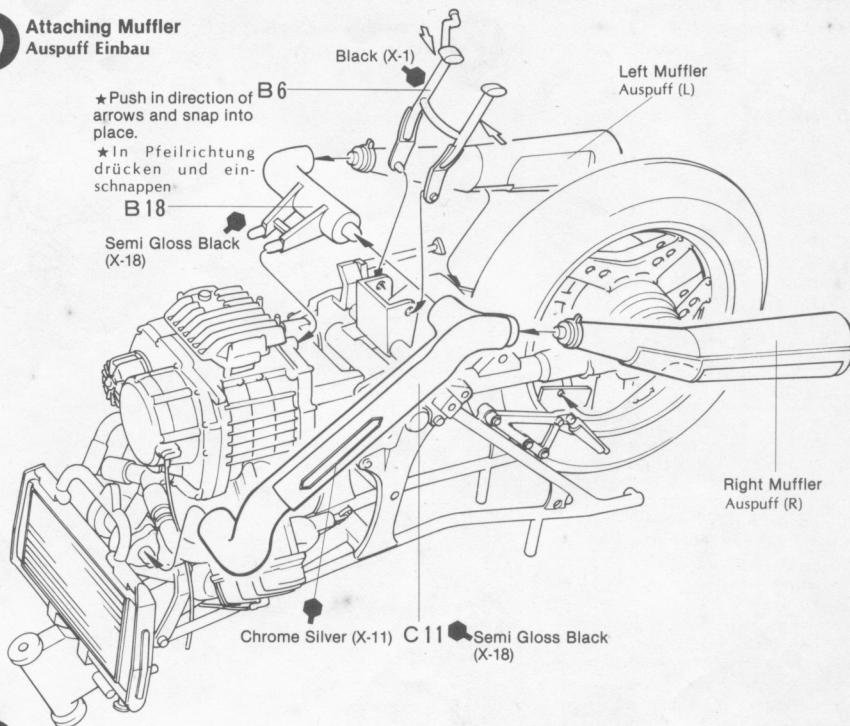
11 <<Attaching Rear Fender>> <<Hinteres Schutzblech>>

Attach rear fender as shown.
Hinteres Schutzblech wie gezeigt einbauen.



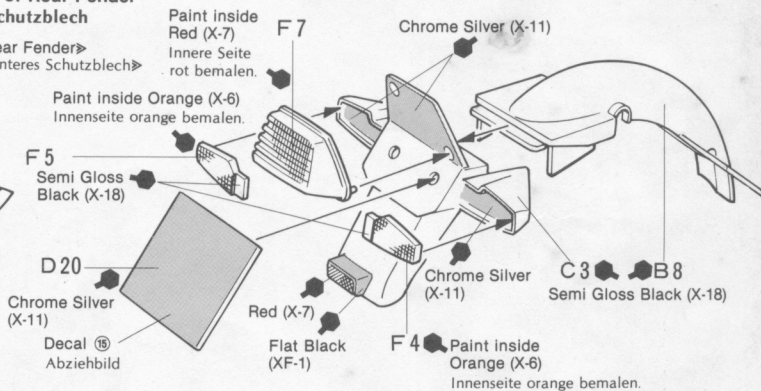
9 Attaching Muffler Auspuff Einbau

★ Push in direction of arrows and snap into place.
★ In Pfeilrichtung drücken und einschnappen

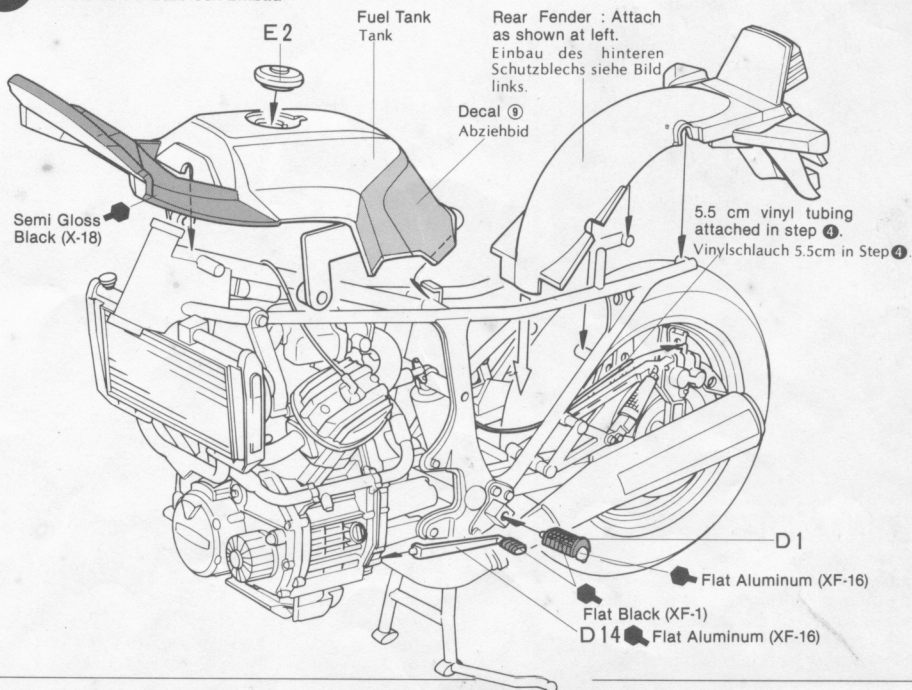


10 Assembly of Rear Fender Hinteres Schutzblech

<<Rear Fender>>
<<Hinteres Schutzblech>>

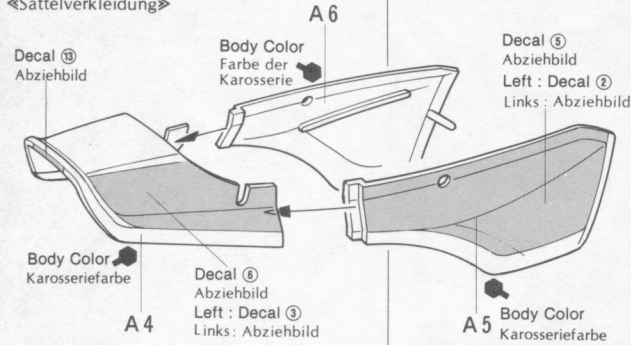


11 Attaching Rear Fender Hinteres Schutzblech Einbau



12 «Assembly of Cowling»
«Verkleidung»

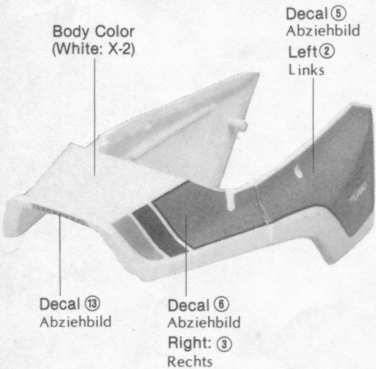
«Seat Cowl»
«Sattelverkleidung»



«Painting & Marking of Cowling»
«Markierung der Verkleidung»

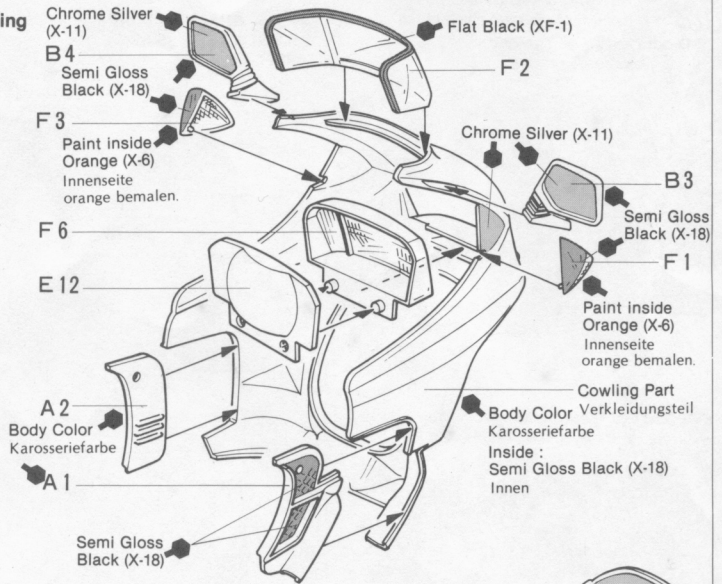


«Painting & Marking of Seat Cowl»
«Markierung der Sattelverkleidung»

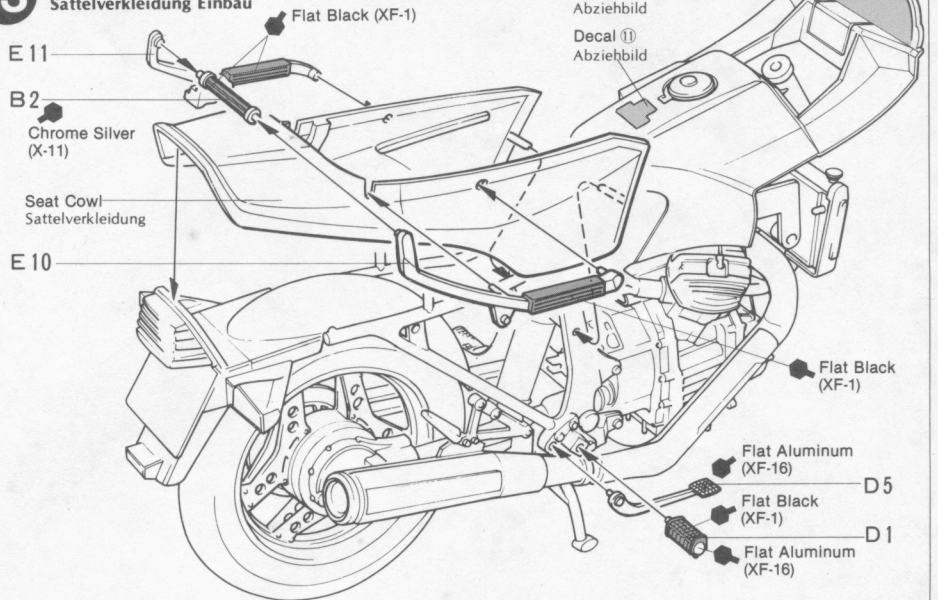


12 Assembly of Cowling
Zusammenbau der Verkleidung

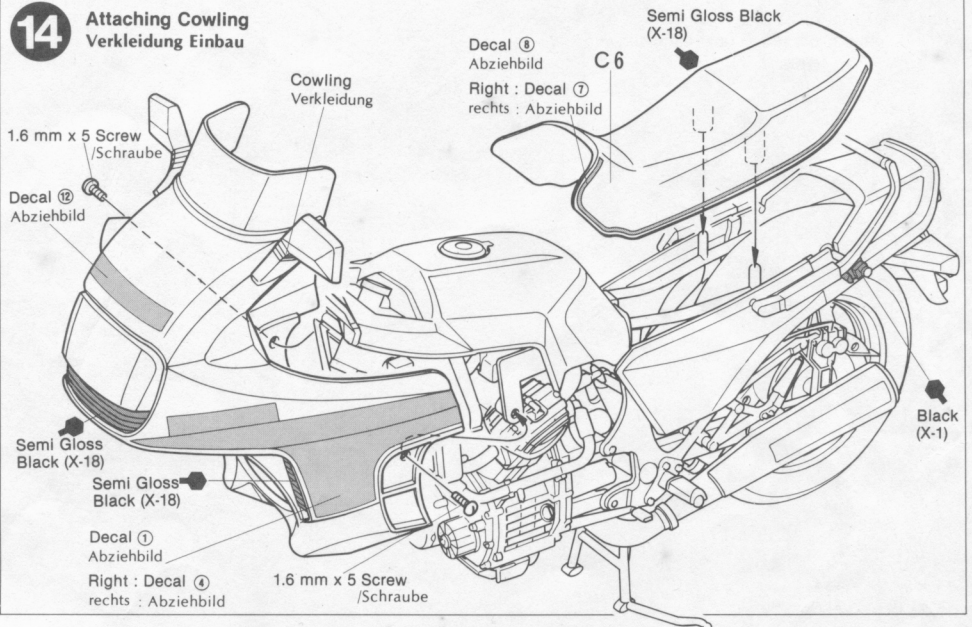
«Cowling»
«Verkleidung»



13 Attaching Seat Cowl
Sattelverkleidung Einbau



14 Attaching Cowling
Verkleidung Einbau



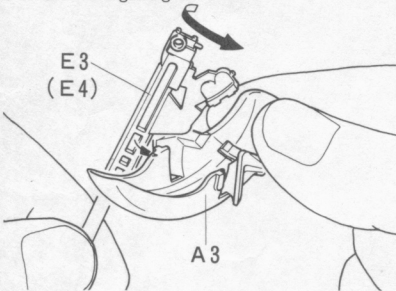
PAINT MARKER

Hand held, Tamiya enamel paint markers. For the final detail touch, and professional results. 12 of the most popular colors used in modeling. See and test them at your local hobby supply house.



15 «Attaching Front Fork»
«Einbau der Vorderradgabel»

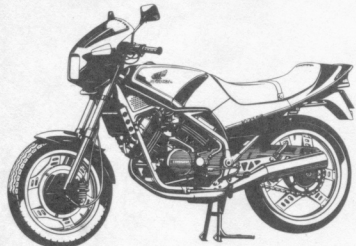
Attach E3 & E4 to A3 as shown.
E3 & E4 wie gezeigt einbauen.



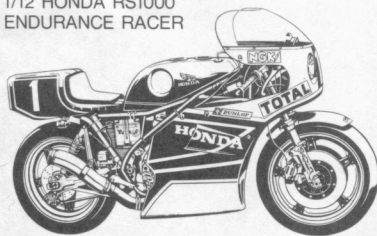
16 «Front Inside View»
«Innenansicht der Verkleidung»



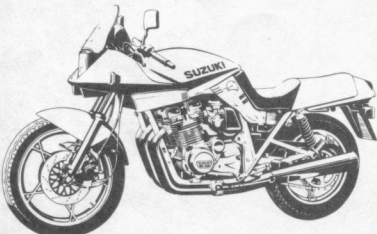
BUILD A COLLECTION OF TAMIYA
PRECISION MOTORCYCLE MODELS
1/12 HONDA VT250F



1/12 HONDA RS1000
ENDURANCE RACER

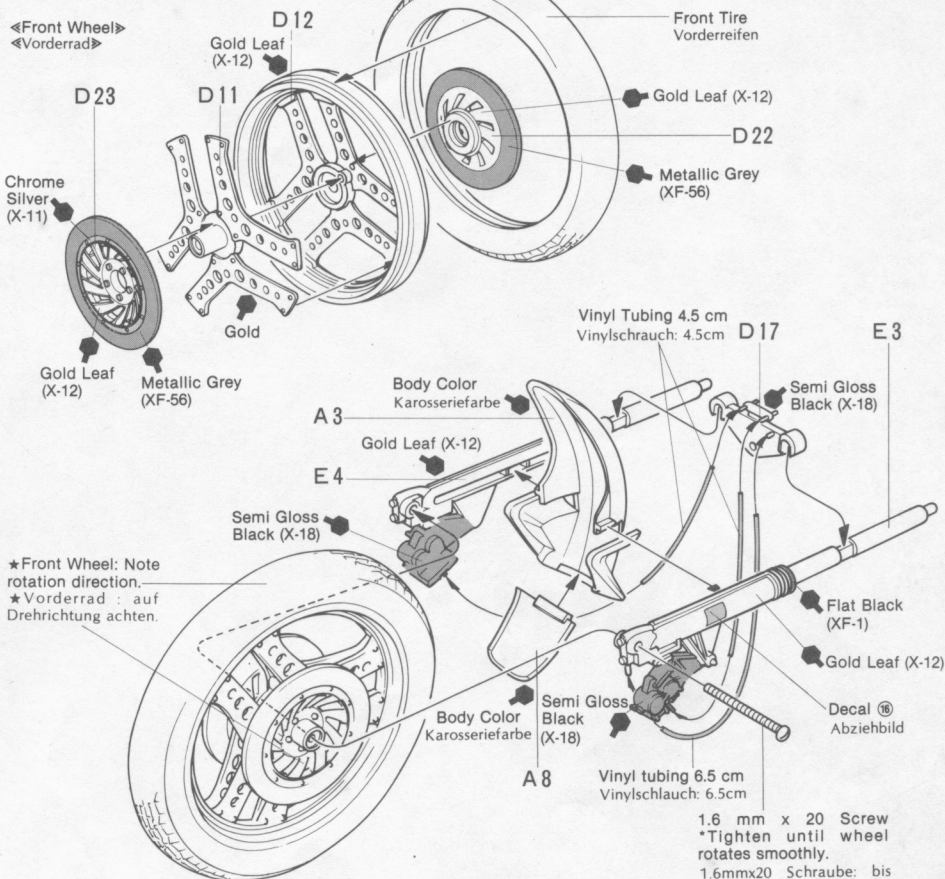


1/12 SUZUKI GSX1100S KATANA



15 Assembly of Front Fork
Vorderradgabel Einbau

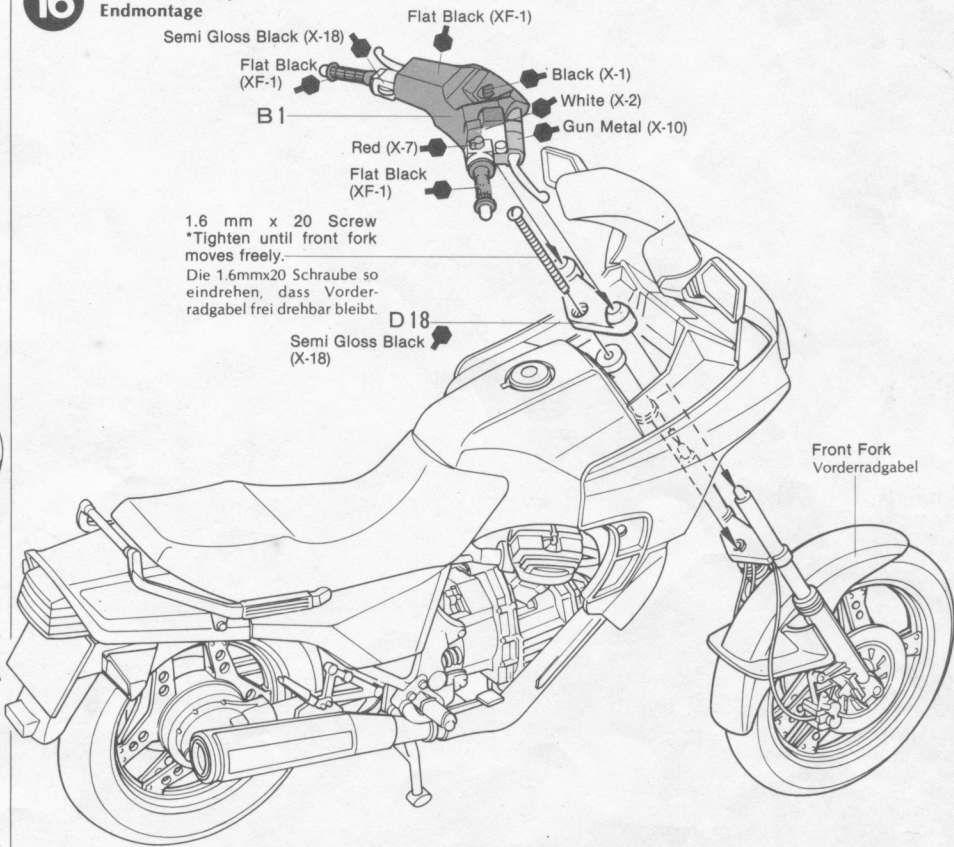
«Front Wheel»
«Vorderrad»



★Front Wheel: Note rotation direction.
★Vorderrad : auf Drehrichtung achten.

1.6 mm x 20 Screw
*Tighten until wheel rotates smoothly.
1.6mmx20 Schraube: bis sich das Rad richtig dreht anziehen.

16 Final Assembly
Endmontage



1.6 mm x 20 Screw
*Tighten until front fork moves freely.
Die 1.6mmx20 Schraube so eindrehen, dass Vorderradgabel frei drehbar bleibt.

PAINTING

APPLYING DECALS

Body color (White) *105 parts*

★ Do not spray Clear on decals.
★ Die Abziehbilder mit Clear nicht spritzen

«Painting Instructions»

Frame is gloss black. Engine and transmission is semigloss black with piping and bolts chrome silver. Cylinder heads are brushed aluminum with semigloss black between fins.

Fenders; side fairings; tank and cowl are pearl white overall. Three stripes of fluorescent red; dark grey and light grey decorate the cowl. Light grey portion of striping is edged in dark grey. Swing arm; rear end and brake radius rod is aluminum. Wheels are gold. Saddle is black, with light grey striping near bottom.

«Bemalung der Honda CX500 Turbo»

Der Rahmen ist schwarz glänzend. Motor und Getriebe sind schwarz-seidenmatt, Schläuche und Bolzen chrome-silber. Zylinderkopf in aluminium, zwischen den Rippen schwarz-seidenmatt. Schutzbleche, Verkleidung, Tank und Seitenverkleidung sind perl-weiss. Drei Streifen aus leuchtrot, dunkelgrau und hellgrau verzieren die Verkleidung. Die hellgrauen Streifen sind dunkelgrau eingefasst. Die Räder sind goldfarben, Hinterradschwingarm und Bremsstange aluminium. Der Sattel ist schwarz mit hellen Streifen unten herum.

«Colors Required»

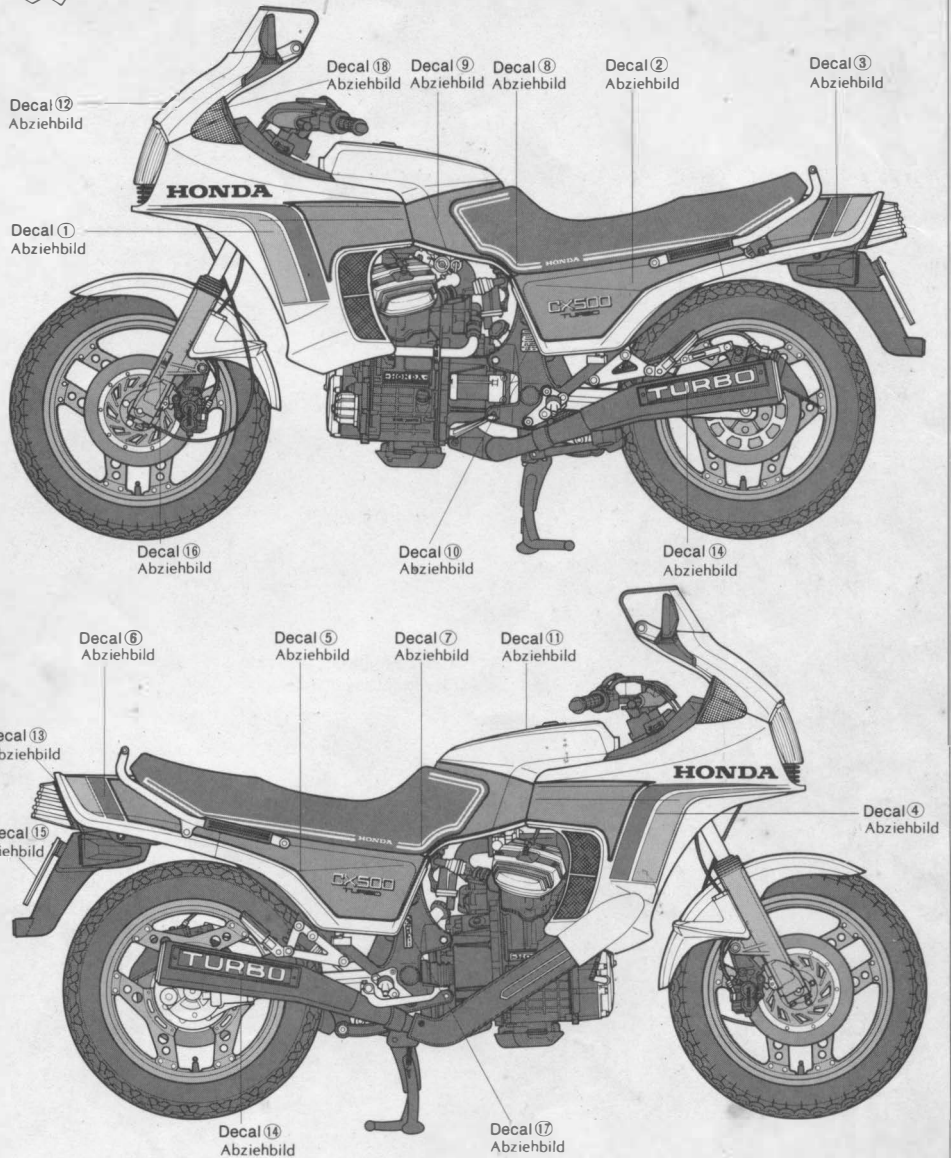
«Farben»

★ From Tamiya Acrylic Paint

Black	X-1
Orange	X-6
Red	X-7
Gun Metal	X-10
Semi Gloss Black	X-18
Clear	X-22
Flat Black	XF-1
Flat Aluminum	XF-16
Metallic Grey	XF-56

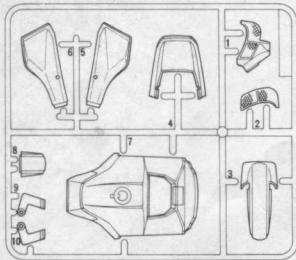
★ From Tamiya Paint Marker

Chrome Silver	X-11
Gold Leaf	X-12

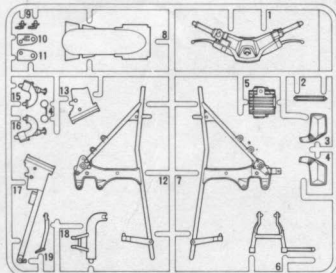


PARTS

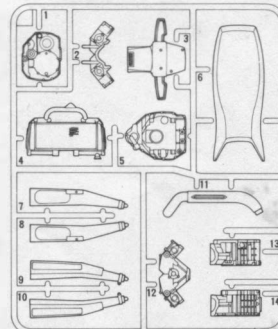
A PARTS



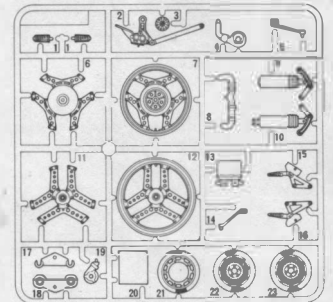
B PARTS



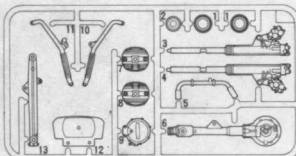
C PARTS



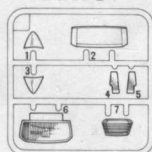
D PARTS



E PARTS



F PARTS



COWLING PART



«Screw Bag»

1.6 mm x 20 Screw
1.6 mm x 5 Screw
Vinyl Tubing (50 cm)

Front Tire
Rear Tire
Decal