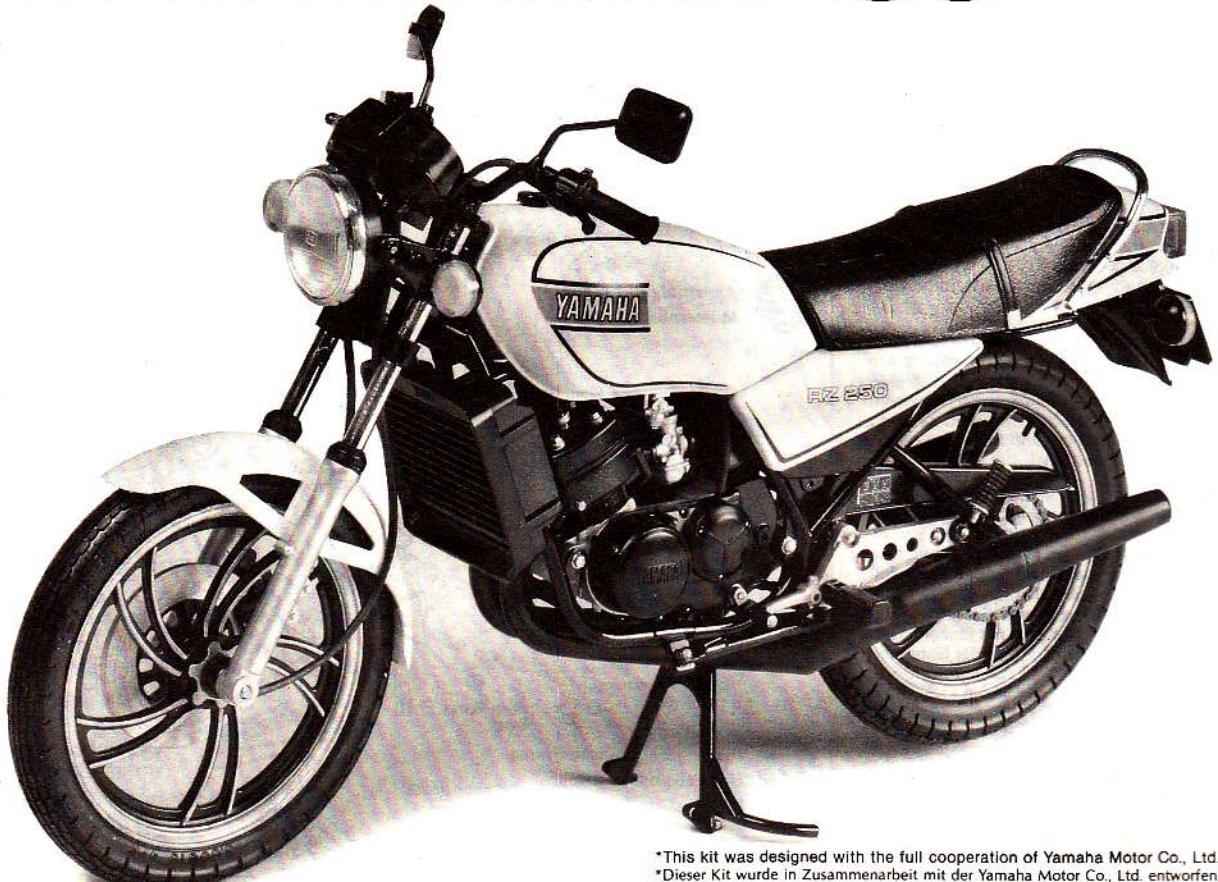


YAMAHA RZ250

1/12 MOTORCYCLE SERIES



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

At the Köln, Germany, Motor Show in the Autumn of 1979, the Yamaha team got their exciting, new 250cc motorcycle ready for its European debut. This was the RD250 with the newly designed two stroke, water-cooled engine and the rakish styling. Shortly after its European appearance, the bike was announced in Japan, at the Tokyo Motor Show, and given the Yamaha title of RZ250.

Motorcycles are normally powered by one of two types of engines, and the four stroke engine was seen, generally, on all but the very small 50-125cc bikes due to the environmental problems of noise and air pollution in the forefront of people's minds. The two stroke engine does have many advantages, and the Yamaha company went to work with new states of the art in the engine field, and brought out the best of the two stroke features, and eliminated most of the undesirable ones. The RZ250 bike mounts a 247cc engine that puts out a whopping 35 horsepower at optimum RPM, and this engine is mounted at two points, that were determined by extensive computer testing. The two point, shock mounting on rubber pads, allowed for much less vibration and a much more comfortable ride. It also allowed the frame to lightened considerably. The water-cooling greatly reduced the engine noise due to the double cylinder

jacketing, and engine efficiency was increased due to the stable temperatures achieved. Further fuel economy and pollution control was obtained by the use of a 7 port induction system for excellent gas/air mixing. The RZ250 utilizes the Yamaha Monocross suspension system which was developed for their motocross racers, and since then has been utilized on most of their bikes. The overall racy design is enhanced by the use of the swirl designed wheels, which add a touch of class to an already exciting motorcycle. Yamaha, which began their venture into motorcycles back in 1956 with the release of the YD-1, has continued to pioneer in the field of two stroke motorcycles ever since, and has run up a number of firsts in international motorcycle competition as well as obtaining a good market share of sales for motocross; trail bikes; trial bikes and street motorcycles. In the coming years, you are sure to see the Yamaha company come up with new and innovative ideas for better motorcycles.

* * *

In Herbst 1979 stellte das Yamaha Team in Köln, West-Deutschland, das neue 250cc Motorrad vor. Es war die RD250 mit dem neuen 2 Takt, wassergekühltem Motor und dem flotten Styling. Kurz danach wurde dieses Motorrad in

Japan unter der Bezeichnung RZ250 vor gestellt.

Normalerweise werden Motorräder mit 2 oder 4 Takt Motor gebaut, aber die kleinen Räder mit 50-125cc haben Probleme mit Lärm und Luft-Verschmutzung.

Der 2 Taktmotor hat viele Vorteile und die Yamaha Company arbeitete mit ganz neuen Erkenntnissen, um das Beste aus dem Motor herauszuholen und die unerwünschten Nebenerscheinungen wegzulassen. Das RZ250 Motorrad hat einen 247cc Motor, welcher bis zu 35 PS bringt. Der Motor ist an 2 Punkten gelagert, die auf Komputerbasis bestimmt wurden. An diesen zwei Punkten ist der Motor gummigelagert, hat natürlich weniger Vibration und daher besseres Fahrverhalten.

Der Rahmen konnte auch dadurch wesentlich leichter gebaut werden, die Wasserkühlung verringert den Motorlärm bei gleichzeitiger Steigerung der Leistung durch die konstante Wassertemperatur. Weiterhin konnte der Verbrauch reduziert werden. Die RZ250 hat die Yamaha-Monocross Aufhängung, ursprünglich für Motocross entworfen. Auch die Räder geben in ihrer Form, der Maschine das Aussehen einer Rennmaschine. Yamaha, seit 1956 mit der ersten YD-1 im Motorradgeschäft ist auch weiterhin ein Pionier auf diesem Felde und dies zeigen auch die vielen Preise, die Yamaha auf allen internationalen Rennen gewinnen konnte. Auch in Zukunft wird Yamaha mit neuen Ideen für bessere Motorräder aufwarten.



READ BEFORE ASSEMBLY.
ERST LESEN
- DANN BAUEN.

- ★ 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 denotes paint colour, and the colour names and numbers are for Tamiya Acrylic Paints. Page 6 has detailed painting instructions; however, some parts should be painted prior to model's completion, and these are called out during assembly.

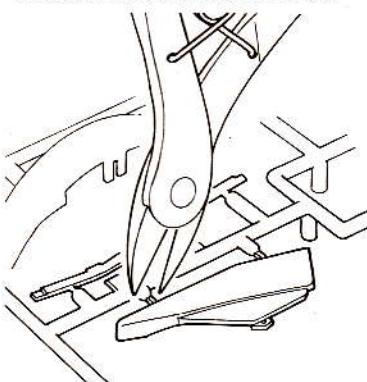
★ Vor Beginn die Bauanleitung studieren und den Nummern nach die Elemente zusammenbauen.

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

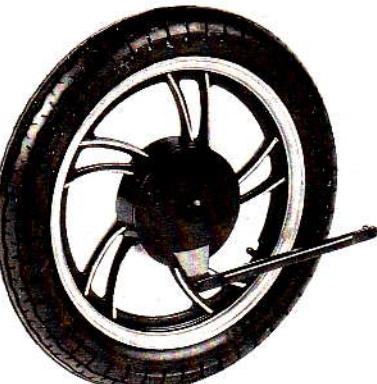
★ Abziehbilder vorsichtig von der Unterlage im Wasser abschieben, auf richtigen Sitz achten und gut trocknen lassen.

■ Zeichen für Bemalung.

Do not break parts from sprue, but remove them carefully with a cutting tool.
Bauteile nicht vom Spritzling abbrechen
vorsichtig abschneiden oder abzwicken.

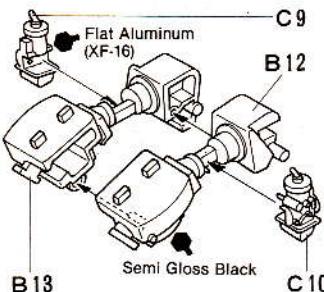


4 **Assembled Rear Wheel** **Komplett Hinterrad**



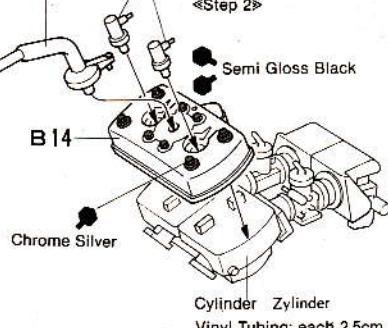
1 Assembly of Cylinders Zylinder Montage

«Step 1»



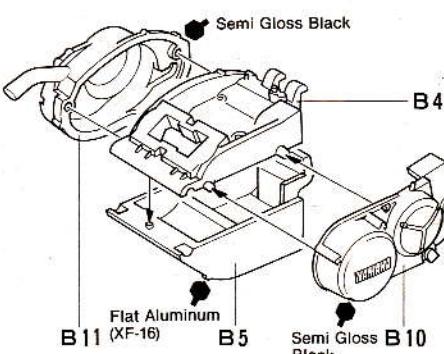
Semi Gloss Black = Flat Black
(XF-1):1 + Black(X-1):1

«Step 2»

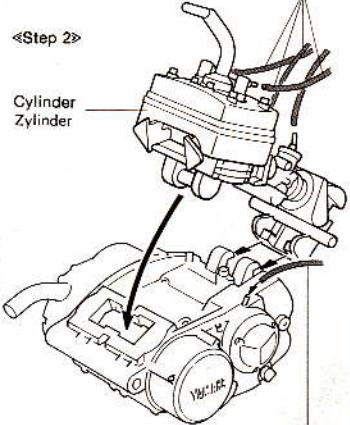


2 Assembly of Engine Motorenbau

«Step 1»



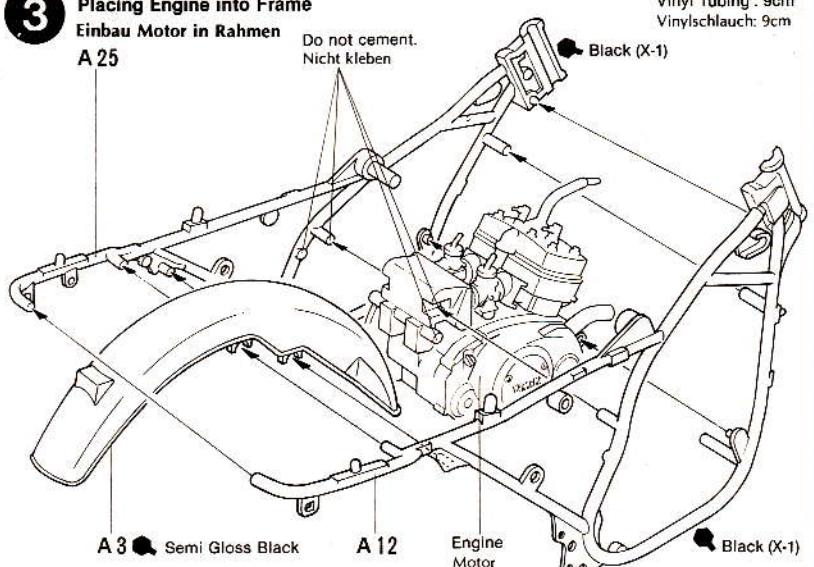
«Step 2»



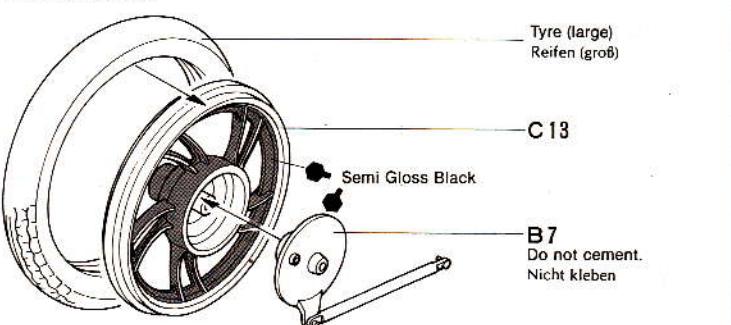
3 Placing Engine into Frame Einbau Motor in Rahmen

A 25

Do not cement.
Nicht kleben



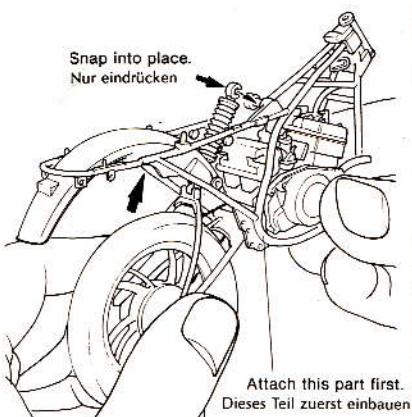
4 Assembly of Rear Wheel Hinterrad Montage



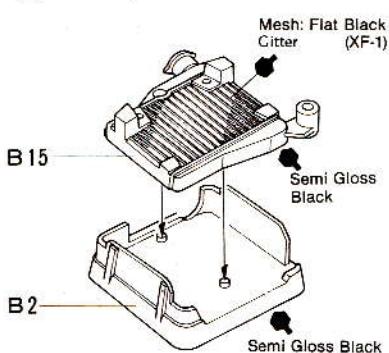
5 «Attached Rear Wheel»
«Eingebautes Hinterrad»



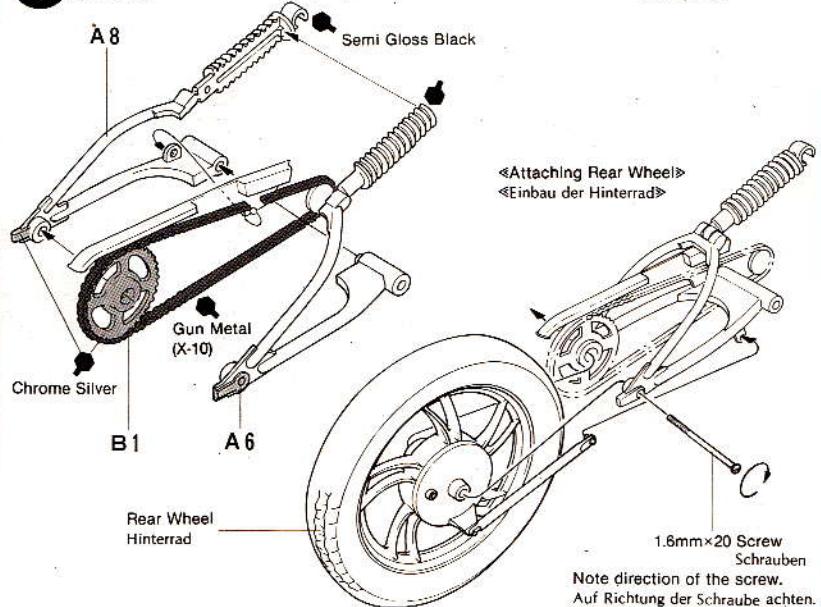
6 «Attaching Monocross Suspension»
«Einbau der Monocross Aufhängung»
Attach Monocross Suspension as shown.
Monocross Aufhängung wie gezeigt einbauen



7 «Assembly of Radiator»
«Montage Kühler»

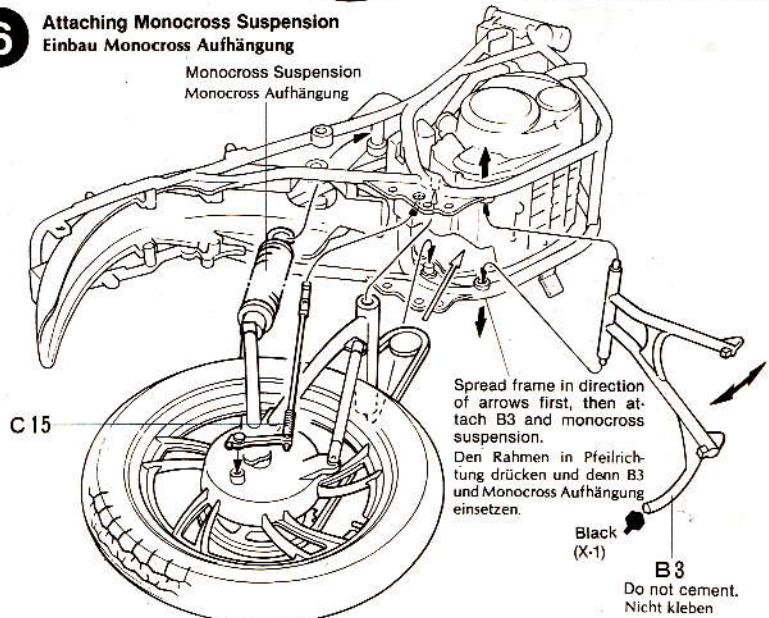


5 Assembly of Monocross Suspension
Montage Monocross Aufhängung



Semi Gloss Black =
Flat Black(XF-1):1 +
Black(X-1):1

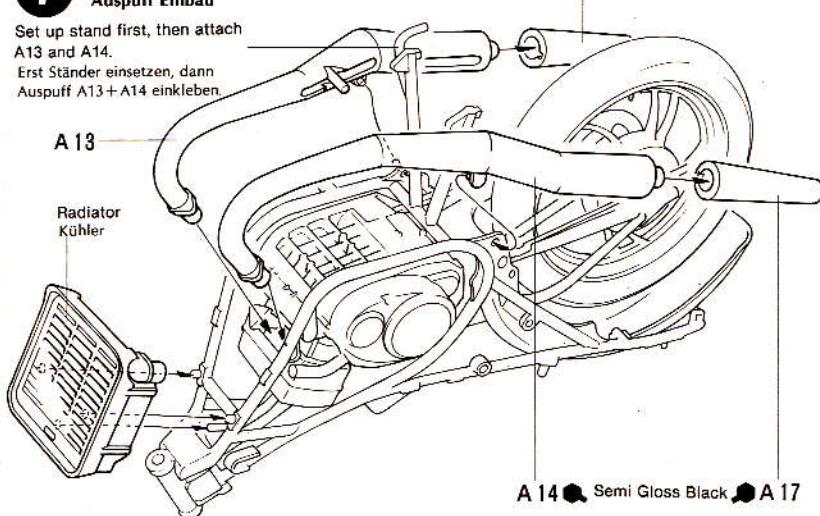
6 Attaching Monocross Suspension
Einbau Monocross Aufhängung



Black (X-1)
B3
Do not cement.
Nicht kleben.

7 Attaching Exhaust Pipes
Auspuff Einbau

Set up stand first, then attach
A13 and A14.
Erst Ständer einsetzen, dann
Auspuff A13+A14 einkleben.



A 14 Semi Gloss Black A 17

8 <Front Parts>

<Front Teile>

<Meter> Overall: Semi Gloss Black

<Decal 10> Decal Abziehbild ⑩

Abziehbild



Decal Abziehbild ⑩

Abziehbild

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

29

30

31

32

33

34

35

36

37

38

39

40

41

42

43

44

45

46

47

48

49

50

51

52

53

54

55

56

57

58

59

60

61

62

63

64

65

66

67

68

69

70

71

72

73

74

75

76

77

78

79

80

81

82

83

84

85

86

87

88

89

90

91

92

93

94

95

96

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126

127

128

129

130

131

132

133

134

135

136

137

138

139

140

141

142

143

144

145

146

147

148

149

150

151

152

153

154

155

156

157

158

159

160

161

162

163

164

165

166

167

168

169

170

171

172

173

174

175

176

177

178

179

180

181

182

183

184

185

186

187

188

189

190

191

192

193

194

195

196

197

198

199

200

201

202

203

204

205

206

207

208

209

210

211

212

213

214

215

216

217

218

219

220

221

222

223

224

225

226

227

228

229

230

231

232

233

234

235

236

237

238

239

240

241

242

243

244

245

246

247

248

249

250

251

252

253

254

255

256

257

258

259

260

261

262

263

264

265

266

267

268

269

270

271

272

273

274

275

276

277

278

279

280

281

282

283

284

285

286

287

288

289

290

291

292

293

294

295

296

297

298

299

300

301

302

303

304

305

306

307

308

309

310

311

312

313

314

315

316

317

318

319

320

321

322

323

324

325

326

327

328

329

330

331

332

333

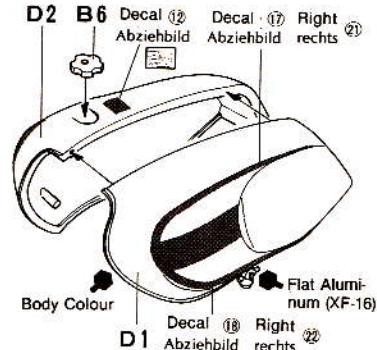
11 <Applying Decals to Parts> Abziehbilder

RZ250 is offered in 2 body colours. Black and white. Instructions given below are based on the white body. If you prefer black body, apply gold striped decals, instead.

Die RZ250 gibt es in schwarz und weisser Ausführung. Die Anleitung ist für die weisse Ausführung. Wenn Sie vorziehen, die goldfarbigen Abziehbilder anbringen.

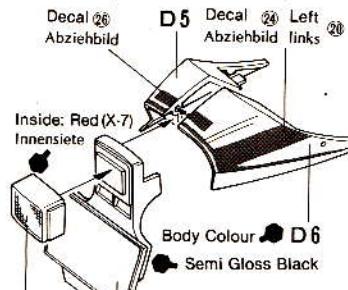
<Fuel Tank>

<Tank>



<Taillight>

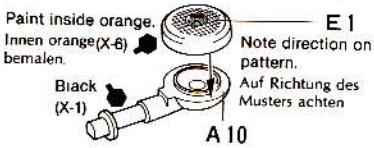
<Rückleuchte>



E 2 A 27 Apply decals ⑯ or ⑰.
Abziehbild ⑯ oder ⑰ anbringen.

13 <Assembly of Blinkers> <Blinklampe Montage>

* Make 4 sets.
4 Satz machen.



A 10

Tamiya Acrylic Paints
Need precise colour matching?
Try the new Tamiya acrylic paints. Engineered by modelers for modeler's use. The final cover for the finest models. Insist on Tamiya for perfect results.

TAMIYA COLOR CATALOGUE

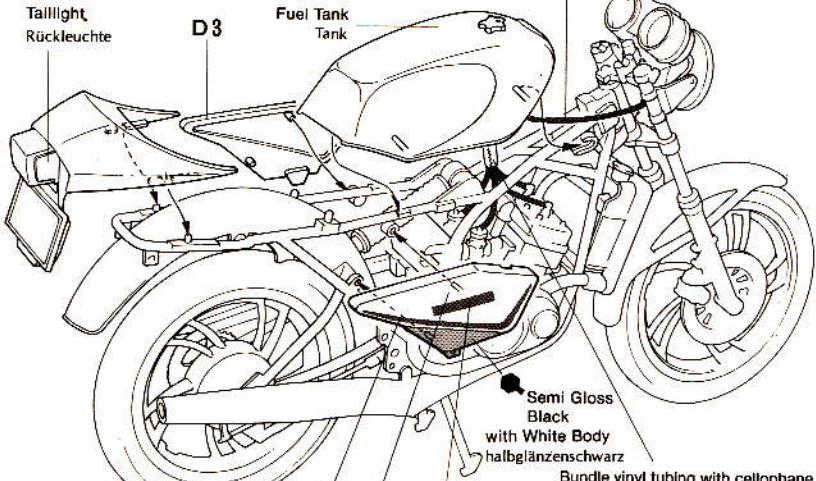
The latest in cars, boats, tanks and ships. Motorized, radio controlled and museum quality models are all shown in full color in Tamiya's latest catalogue. At your nearest hobby supply house.



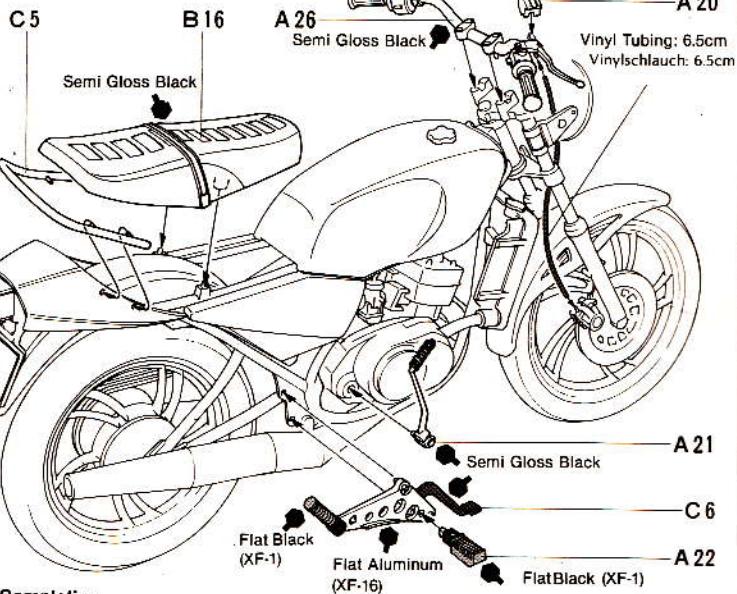
TAMIYA
TAMIYA PLASTIC MODEL CO.
3-7, ODAWARA, SHIZUOKA-CITY, JAPAN.

11 Installing Fuel Tank Einbau der Tank

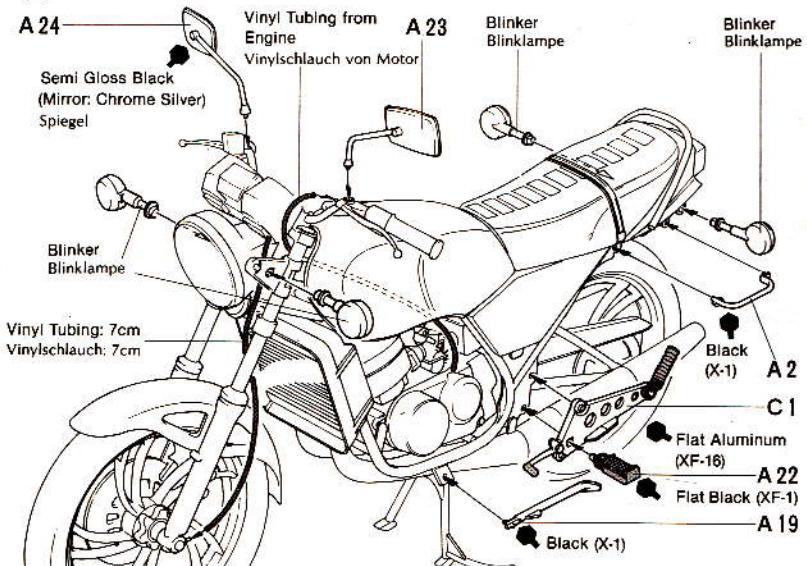
Put the end of the tubing into fuel tank.
Kabelende in Tank stecken.



12 Attaching Saddle Einbau der Sattel



13 Completion Endmontage



PAINTING



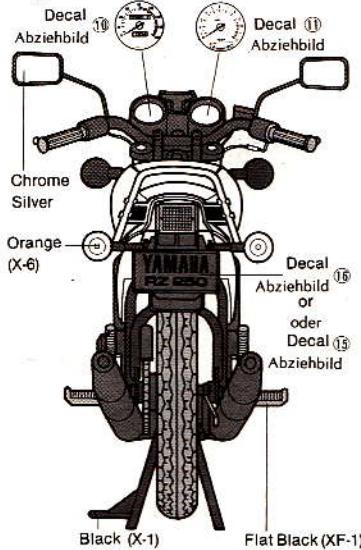
APPLYING DECALS

«Painting of the Yamaha RZ250»

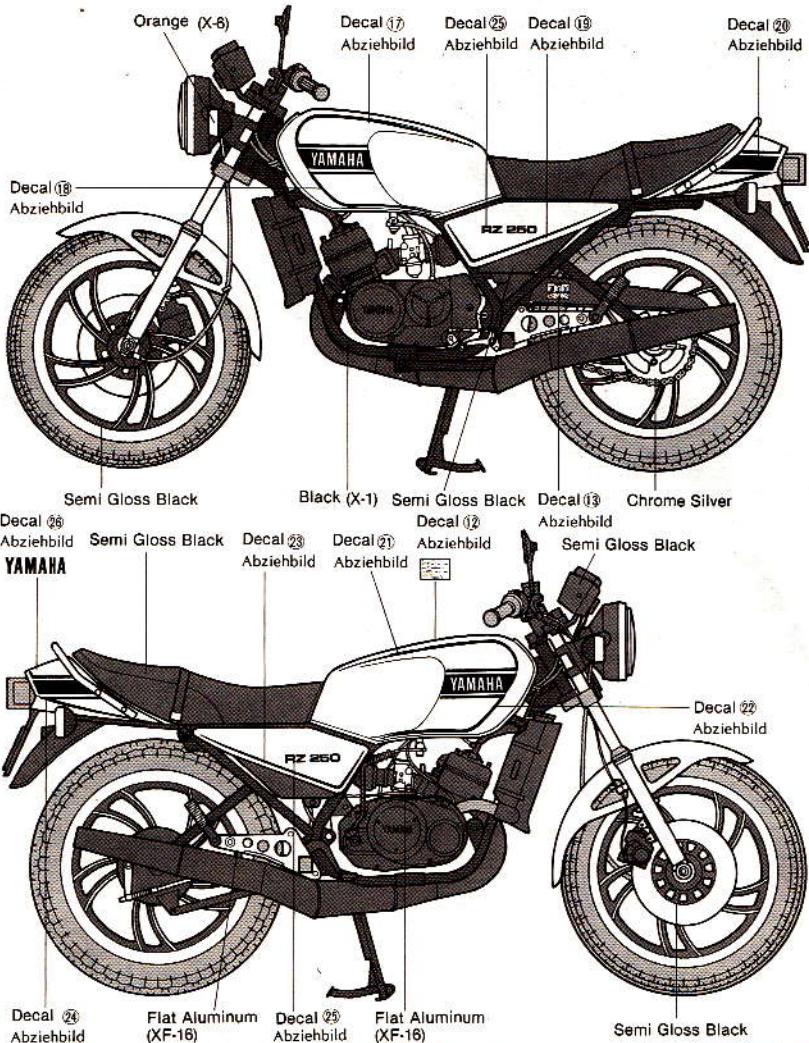
The RZ250, which made its sensational debut in 1980 was offered with two body colours. New Pearl White and New Yamaha Black. Red belt stripes were added to the tank sides and rear combing. Blue pin stripes accentuate the white body, while gold stripes are added to the black body version. Detail painting is done throughout the construction and is called out at the proper time. Apply the decals as shown at right.

«Bemalung der Yamaha RZ250»

Die RZ250, 1980 vorgestellt wurde in zwei Farben angeboten: Perlweiss und das neue Yamaha schwarz-Rote Streifen zogen sich über den Tank und die hintere Verkleidung. Blaue Streifen auf dem perlweissen Motorrad und gold auf schwarz. Detailbemalung siehe Anleitung. Abziehbilder siehe Zeichnung rechts.

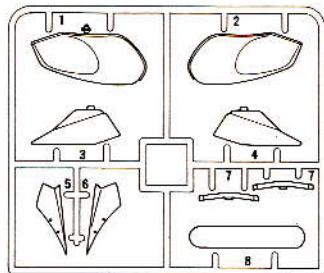


*When body colour is black, apply gold stripes instead of blue ones.
Wenn Farbe der Karosserie schwarz ist, goldene Streifen anstelle blauen verwenden.

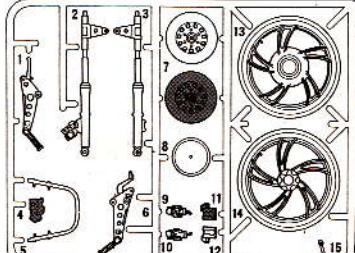


PARTS

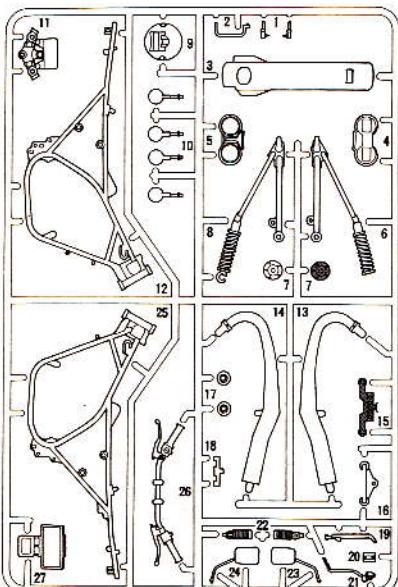
D PARTS



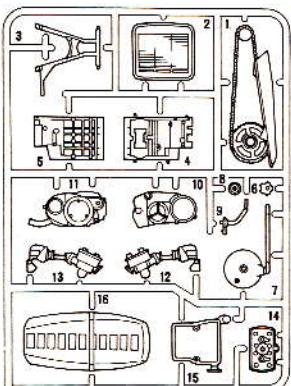
C PARTS



A PARTS



B PARTS



E PARTS

«Screw Back»

Screw Bay

Page 7