

Autograph

F40

Transkit

Speedline Special Order

for

Pocher K55

Serial-number /200

Introduction to the third edition

Dear model construction friend!

Wow! The third edition of the *Autograph* transkit for the Pocher F40! Even half a year ago, I did not intend to make it! But due to increasing demand of my customers, especially in far east, it was necessary to produce a new series. And 90 % of the response wanted to have the Speedline wheels with the kit. So here it is:

- No OZ-racing wheels in this edition, but the standard (and in my opinion much better looking) speedline wheels
- You can choose between the 3-point safety belts with the standard black Pocher straps, or the 4-point harness, which is fixed with eye-bolts like it is on the real thing. Hardware is included for both.
- Like with the OZ-series, a complete decal set allows a supplementary detailing of an already built F40 model, because only the decals will be destroyed during the dismantling process of the car. But now our decals are from much better quality!
- The instruction was overhauled, with all the necessary actualisations of the new series.
- The kit now comes in a beautiful crafted wooden box with its individual serial number on it

Again I wish you lots of success and happy modelling!

Ulrich Krug
and the
Autograph-Team

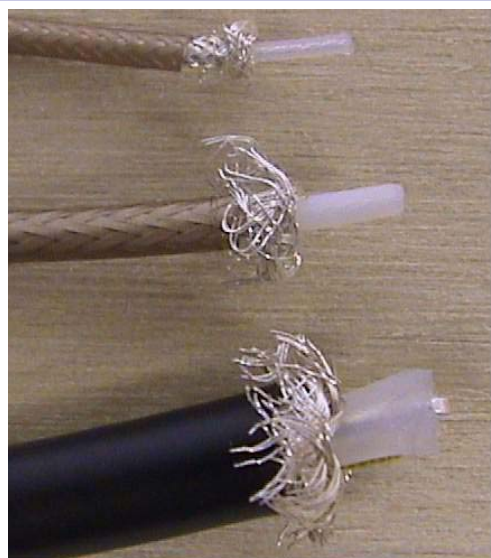
Hof, May 2004

This *Autograph* kit was produced in a limited number of 200, and it is available on special order only. Please report your serial-number with all inquiries or complaints!

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1 Making pressure hoses

Cut a matching piece of high frequency cable, the length should be a few centimeters longer than required. Remove a short section of the outer isolation and push back the braiding a little.



Pull out the inner core together with the inner isolation. Use two pliers for this work!

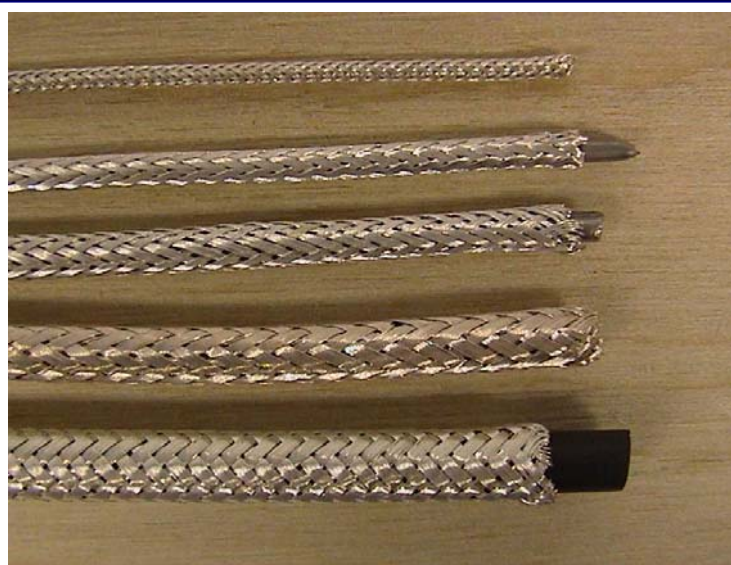


2 Making Pressure hoses

Now the braiding can be easily pulled out of the outer isolation. Attention: The thick cable has two braidings! So you get four various thick braidings.

Keep the inner wire of the thick high-frequency cable, and use it as a core for the thin aeroquip hoses.

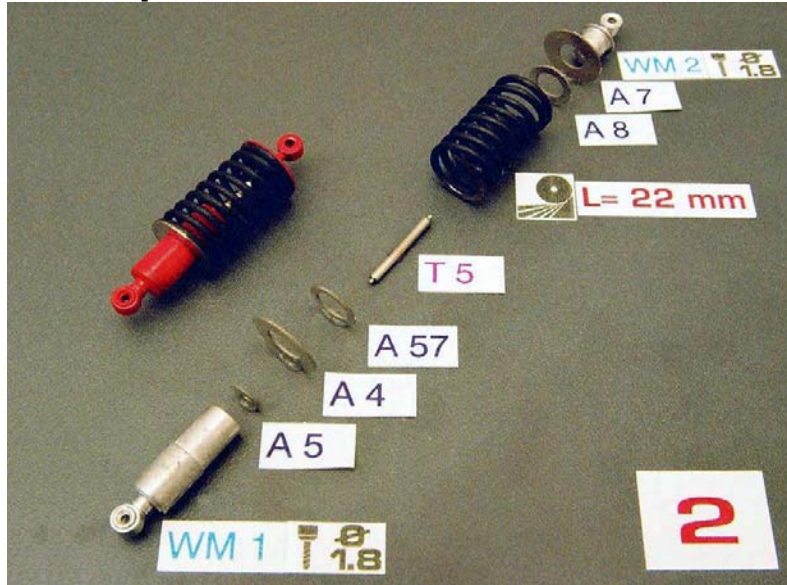
Use various thickness of solder as a core for the other pressure hoses!



3 Making pressure hoses

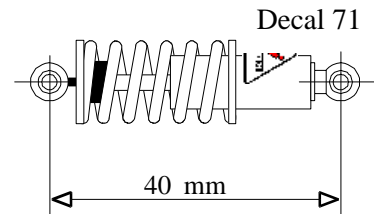
From top to bottom:

1. Diameter 1 mm, core from standard black isolated cable or inner wire of the thick high-frequency cable
2. Diameter 1,5 mm, core from solder 1mm
3. Diameter 2 mm, core from solder 1,5 mm
4. Diameter 3 mm, core from solder 2 mm
5. Diameter 4 mm, core from Pocher tube

Pocher-parts: 2x K74051**2 Shock absorber front**

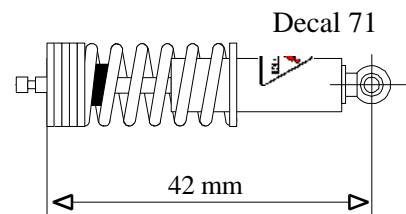
Etched:	Casted:	Decals:	Other:	Screws:
2x A5 2x A4 2x A57 2x A8 2x A7	2x WM1 2x WM2	2x 71	2x T5	

Grind down the Pocher-spring **K74051** to the required length (might use angle-grinder), pay attention to level seat at the spring parts.

**Pocher-parts: K74051****3 Shock absorber rear**

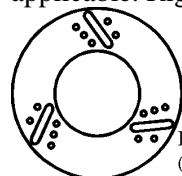
Etched:	Casted:	Decals:	Other:	Screws:
2x A2 4x A3 2x A5 4x A28 4x A27	2x WM3 2x WM4	2x 71	2x T1	

Grind down the Pocher-spring **K74051** to the required length (might use angle-grinder), pay attention to level seat at the spring parts.

**Pocher-parts: A9, A17****4A Axle stub front**

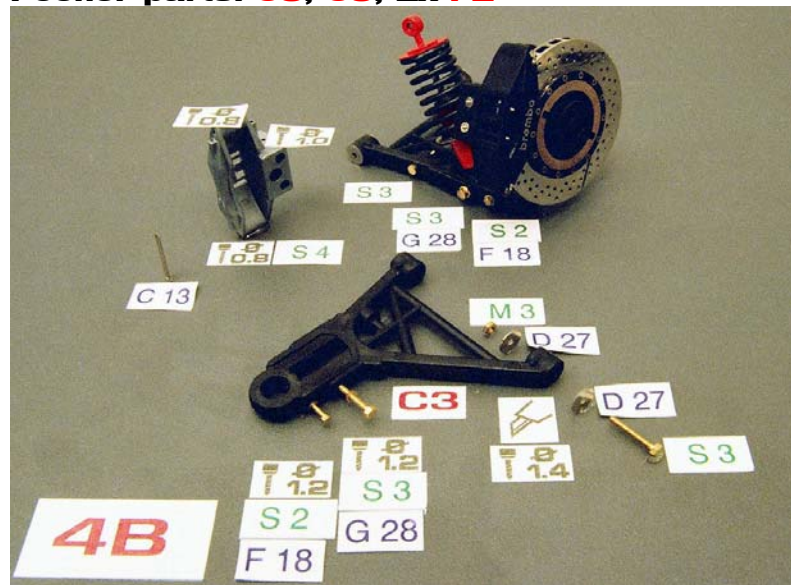
Etched:	Casted:	Decals:	Other:	Screws:
2x A10 2x E3 2x A9	2x WM8 2x WM6			

Cut the axle stubs to 2 mm size and trim about one half of the ball heads on Pocher **A9** and **A17**. Solder the brake disk strip (perforated strip) **E3** after gluing together the side-parts of the brake disks with **WM6**. A few solder points are enough. Then polish and add the remaining parts. Disk **T4**, **B9** and Pocher **A7** are not applicable. Right side analogous!



Brake disk
(from left side) Paint **WM8** in silver!

Pocher-parts: C3, C5, 2x P2



4B Suspension front

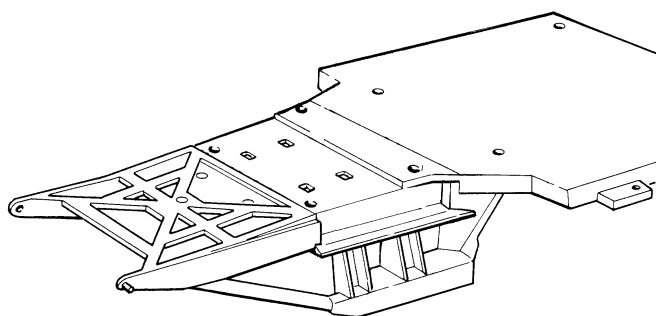
Etched:	Casted:	Decals:	Other:	Screws:
2x C13				
4x F18				
4x G28				
8x D27				

After painting the caliper polish the surface of the Brembo scripts [C13](#)!

Right side analogous!

Lower shock absorber mounting with S3.

Pocher-parts: K1 (alter), 3x A24, A29



5 Frame - preparation

Etched:	Casted:	Decals:	Other:	Screws:
			4x T6	

Screw Pocher parts **K1** with **A24** and **A29**. Then alter the areas, where the base plates will sit, according to drawing. The parts **E26**, **B35**, and **H9** in step **5A** should be glued to the greatest possible surface area. Glue: Epoxy 2K.

Glue plastic cylinders **T6** to the floor pan – for position see photo **5B**.

Pocher-parts: K1



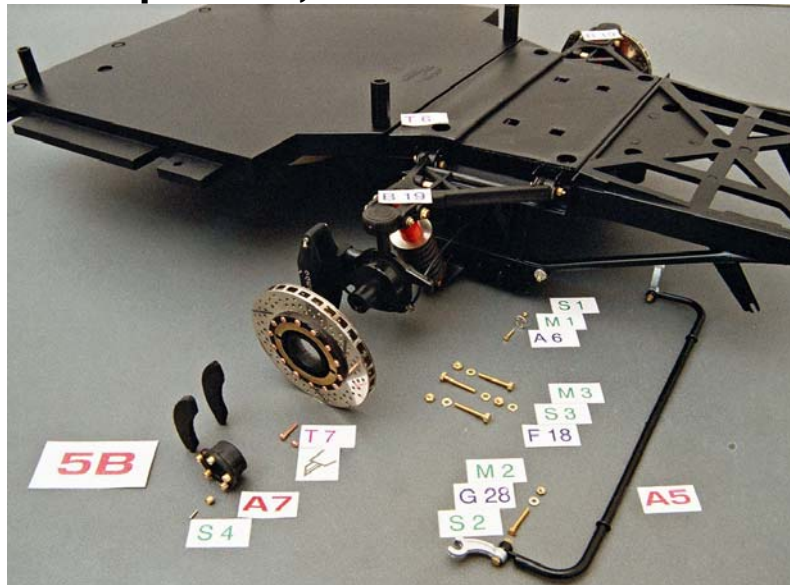
5A Frame - front part

Etched:	Etched:	Decals:	Other:	Screws:
2x D30	2x H9			1x S3
2x B41	4x B10			4x S2
2x B36	2x B8			4x S4
E26	2x B11			
E27	4x H36			
2x B35				

After modification of Pocher part **K1** paint everything matt black!

Solder brackets to base plates.

Possibly reinforce the base plate gluing with screws **S2**.

Pocher-parts: **A5, A7****5B Front axle**

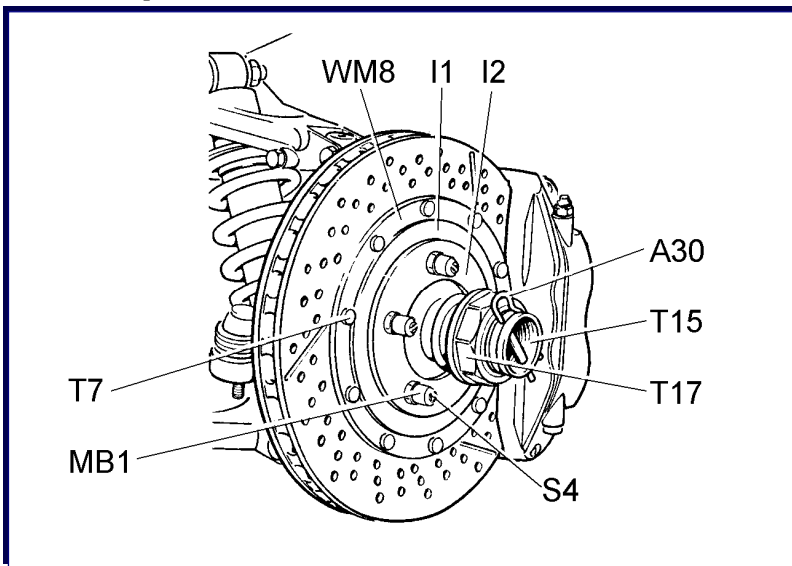
Etched:	Casted:	Decals:	Other:	Screws:
2x B19 2x A6 2x G28 8x F18			28x T7	2x S1 2x M1 2x S2 2x M2 6x S3 6x M3 10x S4

Cut the brake pads from the 1 mm foam rubber mat. Use the pattern from the self adhesive paper.

Clip off rivets **T7** just behind the head and put the rivets in Ø1 mm holes.

Do not use Pocher **A7** and the brass sleeves.

Pocher-parts:

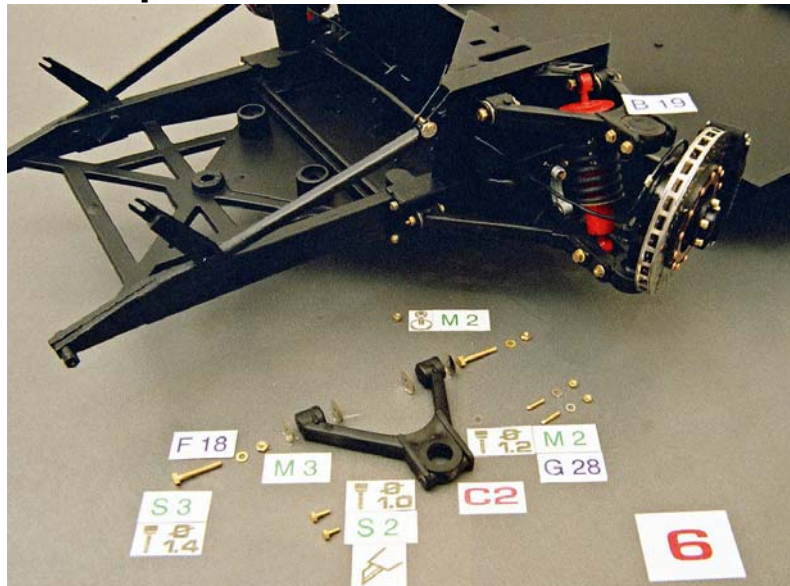
**5C Central locking hubs**

Etched:	Casted:	Decals:	Other:	Screws:
2x I1 2x I2 2x A30			10x MB1 2x T15 2x T17 28x T7	10x S4

If not already done, cut the axle stubs of Pocher **A9** respectively **A17** to 2 mm length.

Bore the hubs **T15** with Ø1 mm for reception of the split pin and glue them into the brake disks. Paint the parts **I1** and **I2** in the same silver tone as the brake disk flange **WM8**. Then cover the hub **T15** with **I1** and **I2**. Mount the brass sleeves **MB1** with screws **S4**.

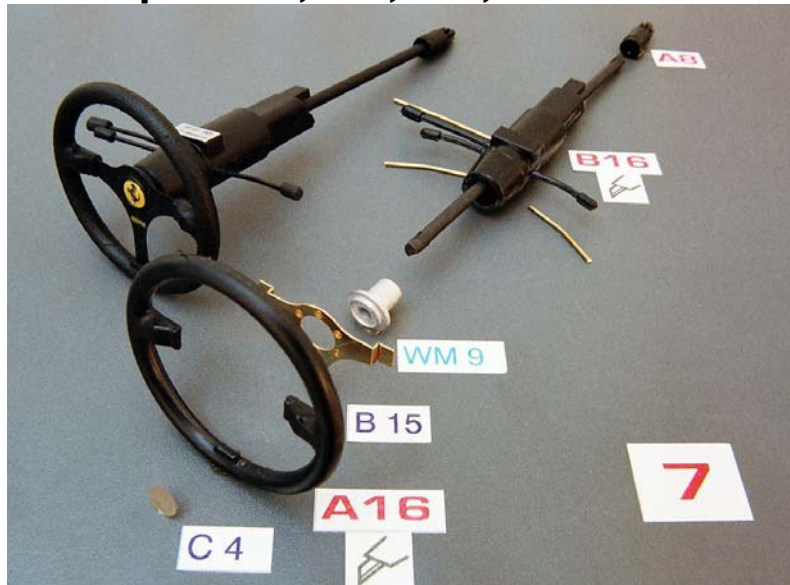
Put a Pocher screw **K55035** into the hub and mount the complete brake disk assembly on **A9** and **A17**.

Pocher-parts: **C2****6 Suspension front, top**

Etched:	Casted:	Decals:	Other:	Screws:
2x B19 4x G28 4x F18 8x D27				4x S2 8x M2 4x S3 4x M3 4x S4

Clip apart the screws **S2** in the middle and screw the nut **M2** onto the threaded shaft! Glue them together with the disks **G28** into the pre-drilled holes!

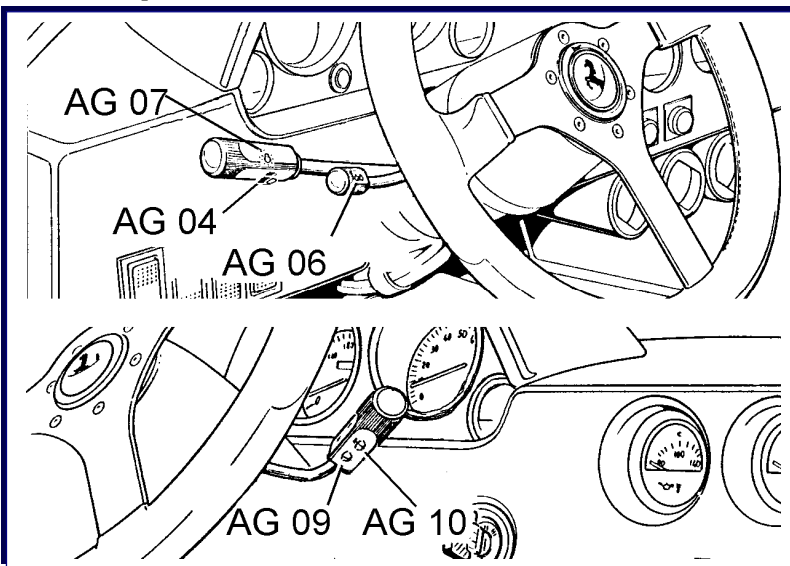
Glue etched parts **D27** (washers, large) to **C2**. Place the nuts **M2** onto the appropriate screws from the assortment **S4** and glue them together onto parts **B41**. See step **5A**

Pocher-parts: A8, A16, B16, K55034**7 Steering column**

Etched:	Casted:	Decals:	Other:	Screws:
C4 B15	WM9	23 20 19	MPØ1	

Fill in the recesses of the horn button with yellow and black paint or use Decal 19 and polish the surface until it is shiny. A drop of clear Epoxy glue adds the 'Behind-Glass-Effect'.

For the lever: Brass rod Ø1 mm (MP Ø1).

Pocher-parts:**7A Levers**

Etched:	Casted:	Decals:	Other:	Screws:
		AG 04 AG 06 AG 07 AG 09 AG 10		

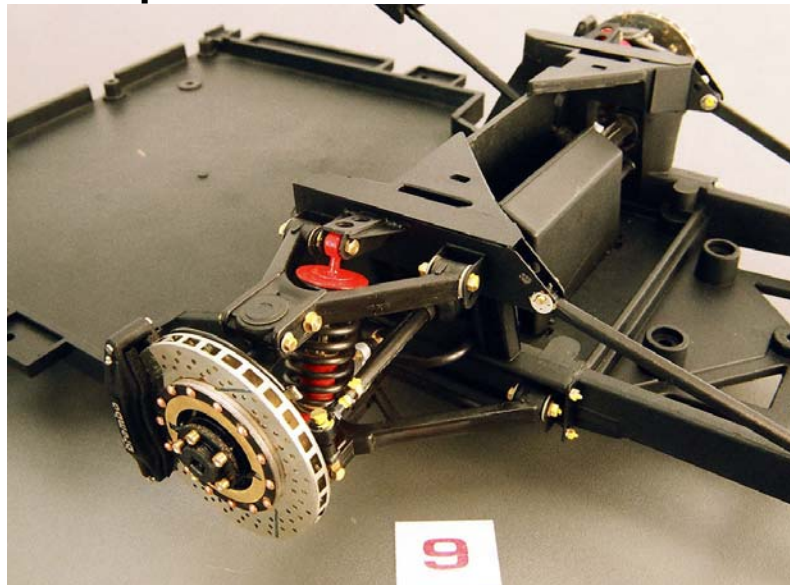
Put the decals on the levers according to the drawing.

Pocher-parts: 2x C6 (ändern), 2x Z3, B10**8 Tie rod**

Etched:	Casted:	Decals:	Other:	Screws:
	2x WM23		2x T8	2x S3 2x M3

Keep the threads of the pot-metal parts WM23 absolutely free of paint – otherwise difficulties when mounting the lock nuts T8!

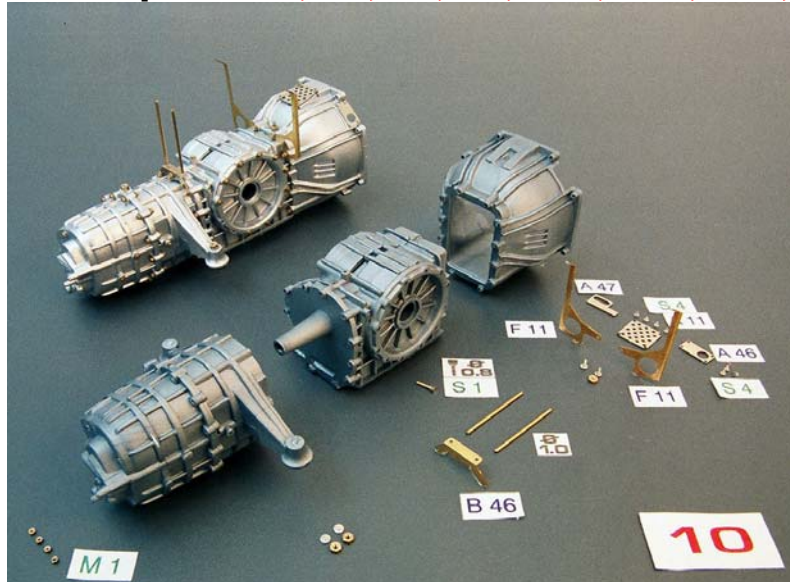
Mount tie rod heads to the axle stubs with screws S3 and nuts M3! Adjust the tracking/alignment by turning the parts WM23!

Pocher-parts: B17**9 Completion of front axle**

Etched:	Casted:	Decals:	Other:	Screws:

Place the yellow colour markings onto all indicated nuts and bolts – respectively screw connections of the front axle.

Make sure that the steering wheel is in the middle position when the steering gear is not turned!

Pocher-parts: P3, P4, P7, P9, P10, P11, P12, P16**10 Transmission housing**

Etched:	Etched:	Etched:	Screws:	Screws:
A11	A46	65x G20	3x M3	57x S1
A47	2x F11	B46	12x S4	12x M1

Substitute all indicated screw heads with 0.8 mm drill holes. Then make 3 assembly groups: Pocher **P9+P10+P11+P12**, Pocher **P4+P16** (trim!)+**P7**, Pocher **P3**.

Paint, insert screws **S1** with washers **G20**! Screw on **F11** and **B46**! Then total assembly of transmission housing! Length of brass rod Ø1 mm: 23 mm!

Press 4 nuts **M1** after painting into drill holes for the exhaust mount.

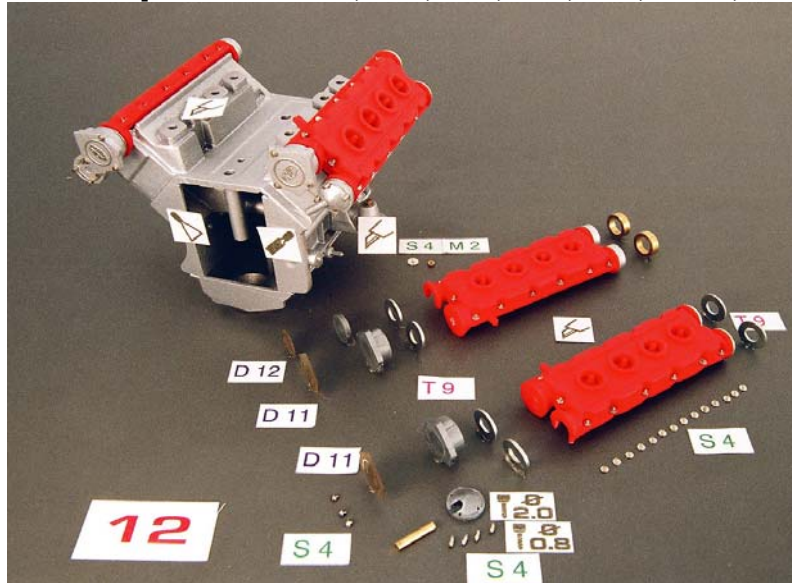
Pocher-parts:**11 Pressure hoses**

Etched:	Casted:	Decals:	Other:	Screws:

Pressure hoses production – General:

1. Lock collar sleeves with the long side into the electric drill, shorten with hack saw behind the sleeve, deburr the sleeves.
2. Push back cover of braided wire, clip the core a little, respectively substitute where indicated with solder.
3. Twist the covering, push onto it sev. sleeves.
4. Glue one of the sleeves to the end, push the second sleeve next to it.
5. Clip wire to fit!
6. Push the second sleeve onto the other end and glue it.
7. Attach the finished hose!

Pocher-parts: 2x C8, 02, 03, 05, 06, 010, 011, P5, 2x P13, P14, P15, R2, R3



12 Engine housing

Etched:	Casted:	Decals:	Other:	Screws:
2x D11 D12			6x T9 2x MB9	44x S4 2x M2

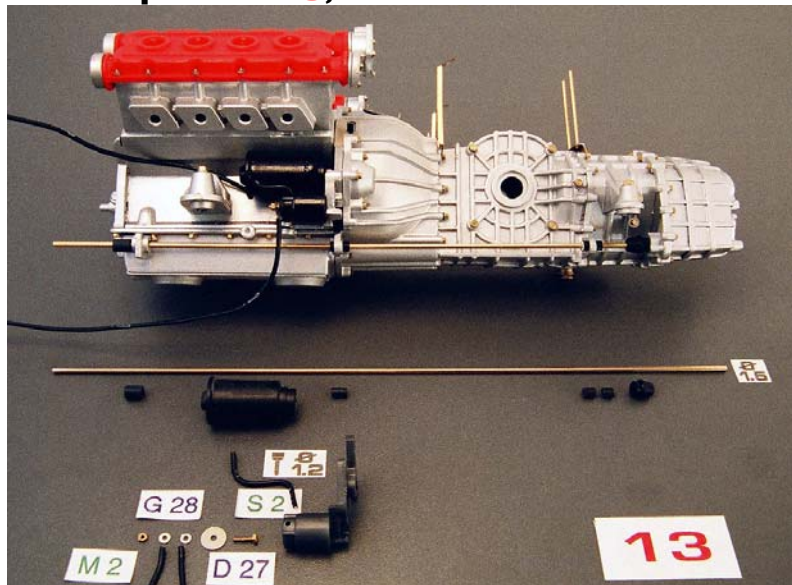
First, build the engine housing entirely from Pocher parts. Substitute all pointed screw heads of the oil-pan with 0.8 mm drill holes. Watch for level contact area for transmission housing. Fill remarking openings and paint completely.

Substitute pointed screw heads on C8 with screws S4 and nuts M2. Next work on the cylinder head cover, paint and mount.

Brass bushings: MB9

Brass rod Ø2 mm, length 10 mm

Pocher-parts: 013, P17



13 Transmission/Engine

Etched:	Casted:	Decals:	Other:	Screws:
2x G28 D27 11x G20			MP Ø1.5	S2 M2 11x S1

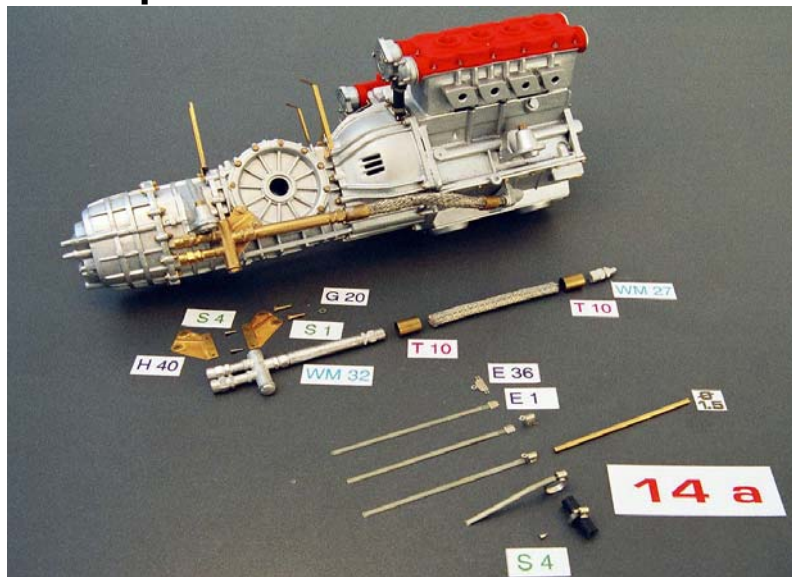
Pocher **013**: Remove peg, drill open with 2 mm!

Pocher **01** gear shaft: Substitute with brass rod MP1.5!

When gluing together the transmission and the engine, pay attention to level seat of the four points of the engine mount!

Assembly of gear shaft bearings from Pocher tube Ø3 and Ø4 mm.

Pocher-parts:



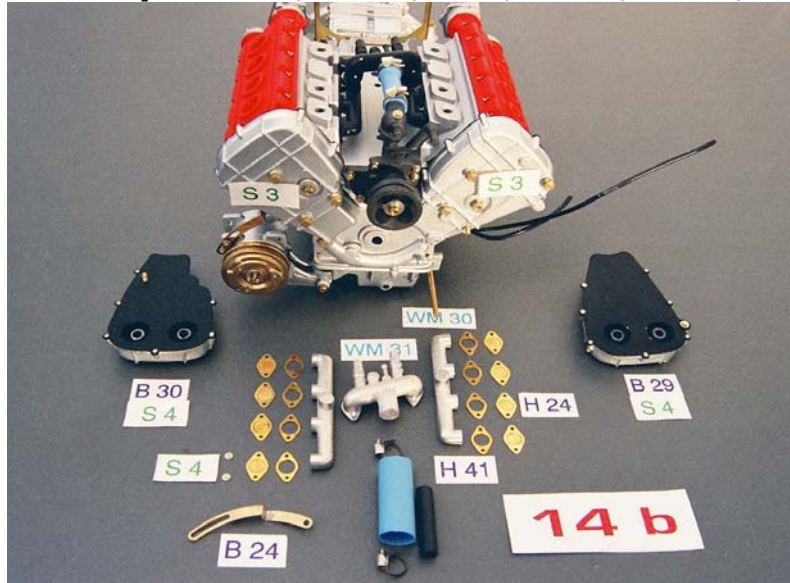
14A Oil thermostat, hose clamps

Etched:	Etched:	Casted:	Other:	Screws:
2x H40 2x G20	2x E1 2x E36	WM32 WM27	2x T10	2x S1 4x S4

Making hose clamps:

1. Bend E1 over brass rod Ø 1.5mm.
2. Solder it (push straps through or cut off).
3. Bend hose clamp over matching round stock.
4. Tighten hose clamp, bend the tab and click into place.
5. Glue on S4, cut off strap to fit.
6. Secure with cyanacrylat. – Caution!

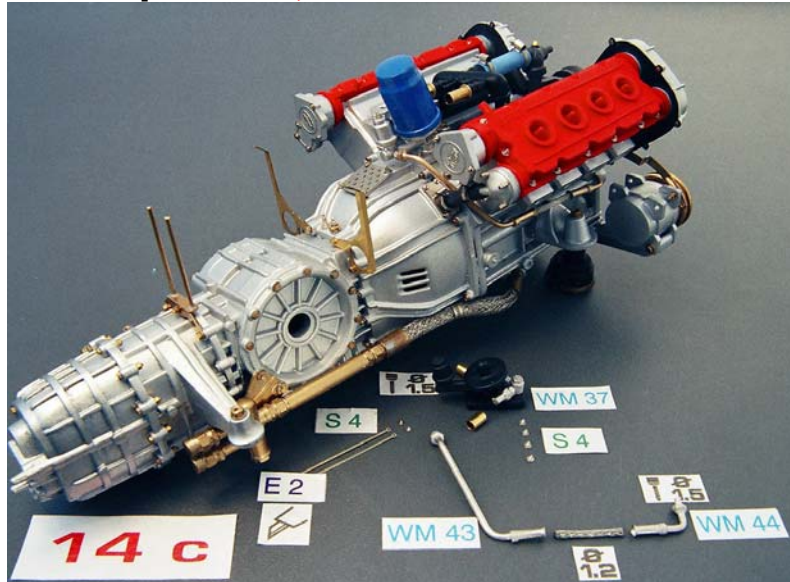
Braided wire Ø4, length 45 mm (see step **11**)!

Pocher-parts: L4, QA18, QA4, QA15, QA17, QA1, QA2, L10, QA3, QA7**14b Water pump, cam drive**

Etched:	Casted:	Decals:	Other:	Screws:
B29	2xWM30		1x S2	39xS4
8xH24	WM31		9x S1	6xS3
8xH41			1x M1	3xM3
B24				1x M2
B30				

Build water line from pump **L10** to **WM31** from a piece of sprue and blue heat shrink tubing (length 20 mm), after shrinking attach hose clamp. Remove bracket from Pocher **QA4**, drill with Ø1.

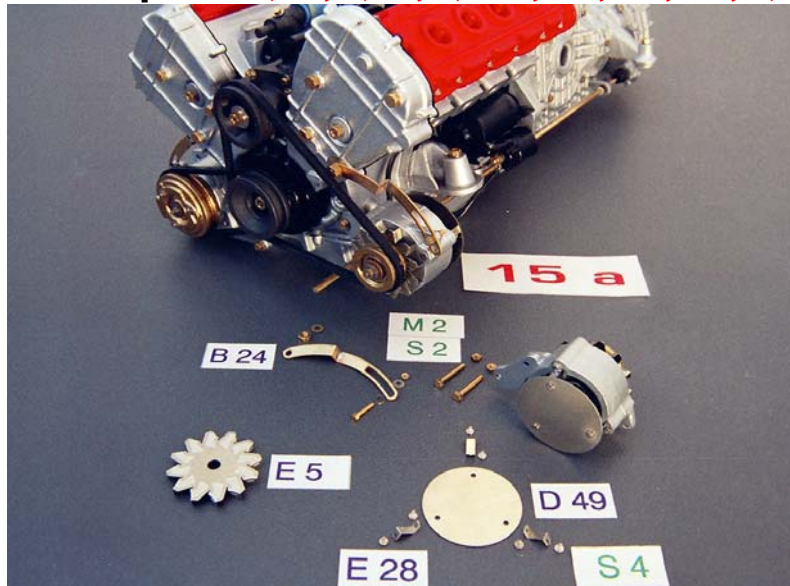
Reinforce the bevel on tension bracket **B24** with solder points.

Pocher-parts: J1, L13**14c Oil filter, Oil pressure lead**

Etched:	Casted:	Decals:	Other:	Screws:
2x E2	WM37 WM44 WM43			6x S4

Make cable brackets on Pocher part **L13** from screw **S4** and etched part **E2** (cut **E2** up to 1 mm behind the head)!

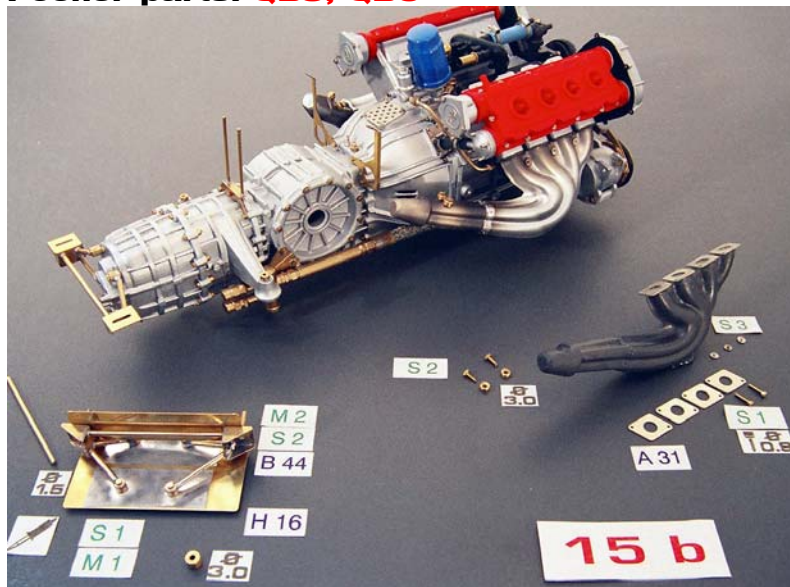
Use Braided wire Ø 1.2 mm!

Pocher-parts: QA5, QA9, QA10, Z1, Z9, L5, QA8**15a Alternator**

Etched:	Casted:	Decals:	Other:	Screws:
D49	F18			1x S1
E5	2xG20			2x S2
3xE28	4xG28			10x S4
B24				3x M2
				1x M1
				1x M3

Reinforce bevels on alternator bracket **B24** with solder points.

If necessary substitute the Pocher V-belt **Z1** and **Z9** with foam rubber material.

Pocher-parts: **QB5, QB6****15b Exhaust mount, manifold**

Etched:	Casted:	Decals:	Other:	Screws:
H16 2x B44 8x A31			MP Ø1.5 4x MB2 4x MB3	20x S1 4x M1 4x S2 6x S4 2x M2

Glue a piece of self-adhesive aluminium foil between the **H16** (soldering gauge) and the **MB3** bushings – this prevents accidental soldering of the bushings on the gauge.

Screw finished exhaust mount with **S1** screws into the previously pressed in nuts **M1** in the transmission housing.

Slope manifold **QB5** and **QB6** at the back end.

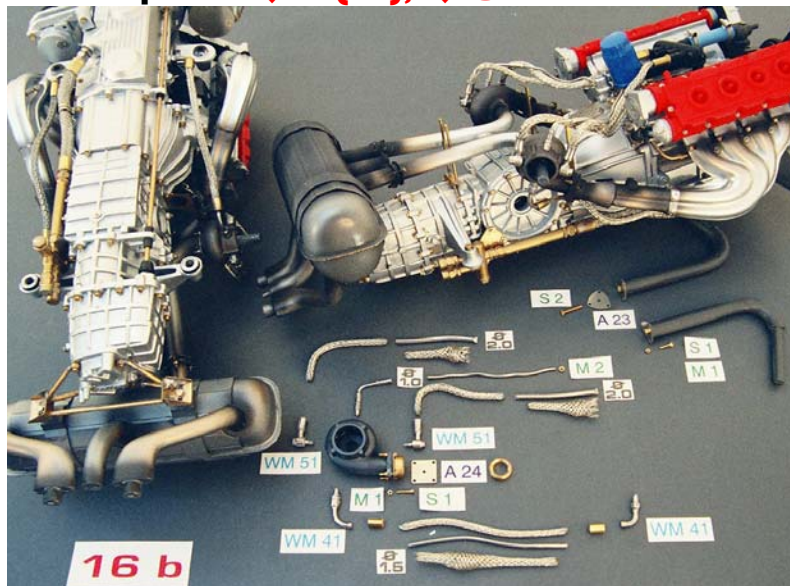
Pocher-parts: **QB3, QB4, QB7****16a Muffler**

Etched:	Casted:	Decals:	Other:	Screws:
A42 3x A22 A43 B17	2x H6 2x H8 2x H7		3x MB7 2x MB4	2x S2 2x M2

Substitute welded flanges on the exhaust pipes with bushings **MB7** and **A22**!

Solder the holding straps for the heat shield to **B17**! Watch out for the correct distance between the holding strap holes at the lower holding straps (43 mm)!

Solder nut **M2** to mount **H8**. Don't clog up the thread with solder!

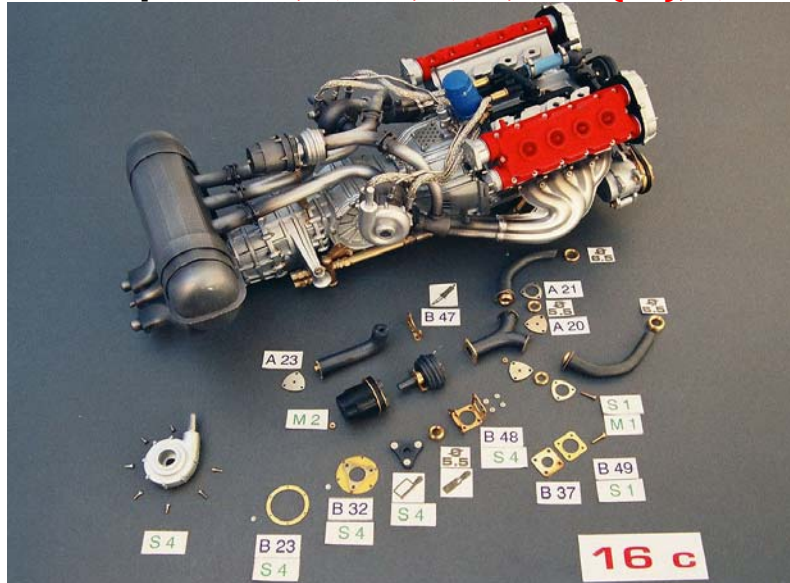
Pocher-parts: **QB1 (2x), QB3****16b Turbo with pressure lines**

Etched:	Casted:	Other:	Screws:	Screws:
2x A24 2x A23	2x WM51 2x WM41	8x T11 2x MB8	2x S2 2x M2	14x S1 14x M1

Screw etched parts **A23** with **S2** on the exhaust pipes, screw together with the flanges from the muffler! Bushing onto **A24**(flange Turbo/manifold): **MB8**!

Make pressure line from outer part 1f braided wire with solder core! For the connections to the oil filter base and water duct (see step 14c) use collar sleeves Ø3mm (**T11**).

When attaching **WM41** to turbo charger leave enough space for drive-shafts!

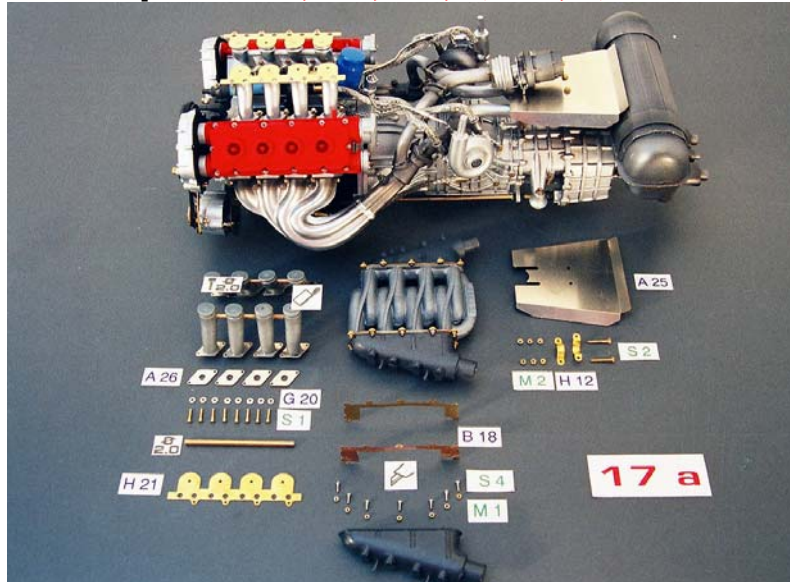
Pocher-parts: L5, QA16, QB2, O12 (2x), QB3**16c Wastegate Valve**

Etched:	Etched:	Decals:	Other:	Screws:
2x A20	B32		2x MB7	13x S1
2x A21	B37		3x MB8	13x M1
A23	B47			1x M2
B23	B48			33x S4
	B49			

In case of fitting problems with the exhaust pipes: Heat with heat-gun and bend into the proper shape. CAUTION!

Saw out the flanges on Pocher **QB2** and substitute with etched parts **A20**, **A21** and bushings **MB7**.

Solder together **B47** and holding rods Ø1 mm!

Pocher-parts: 07, 08, 09, QA12, QA13**17a Inlet manifold, heat-shield**

Etched:	Ätzeile:	Others:	Screws:	Screws:
A25	2x H12	2x MP Ø2	2x S2	16x S1
8x A26	2x H21		14x S4	14x M1
B18	16x G20			2x M2

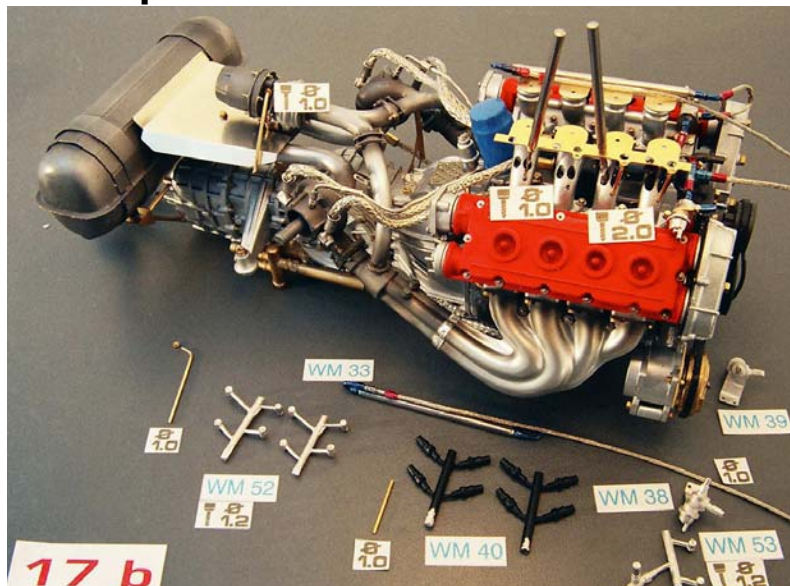
Cut etched parts **B18** with scissors on the inside!

Sequence:

1. Use part **T20** instead of Pocher **07** + **08**!
2. Drill horizontally Ø2 mm through 4 intake pipes at a time, insert brass rod Ø2mm (length 40), glue on **A26** (8x)!
3. Cut **H21** to this shape:



4. Attach the two banks with the 4 intake manifolds and screw together (drill holes Ø0.8mm)

Pocher-parts:**17b Fuel injection system**

Etched:	Casted:	Casted:	Other:	Screws:
WM53	2x WM52	4x WM40	9x MP Ø1	1x M2
WM39	2x WM33	WM38		4x S4
				8x M1

Basics for making pressure lines see page 2!

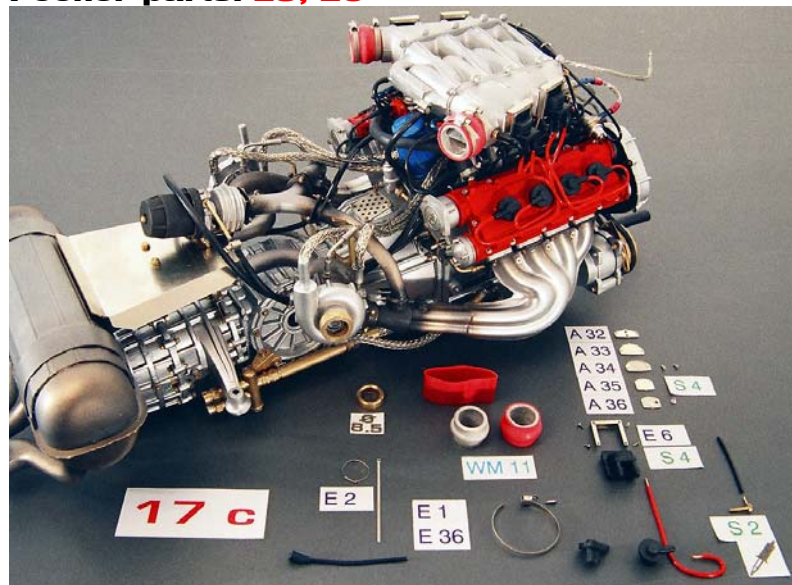
It is imperative to drill the pot metal screw connection sleeves from both sides (at the sprue), otherwise danger of braking!

Caution! Bend the cast parts **WM33** slightly, so the intake manifold spider can be mounted level.

Drill Ø1 and Ø2 mm holes into the new intake pipes **T20**. After inserting the injection nozzles **WM40** and rods **MPØ1** attach **H21**. Grind the surface of **H21** level! Attach nuts **M1** to **H21**

Attach nut **M2** to the line of wastegate valve. Mounting of pressure regulators **WM38** and **WM39** with screws **S4** on cylinder head wall.

Pocher-parts: Z5, Z6



17c Intake manifold, wiring

Etched:	Etched:	Etched:	Casted:	Screws:
2x A32	2x A35	6x E1	2x WM11	4x S2
2x A33	2x A36	6x E36		oth. S4
2x A34	4x F6	div F2		

Wire the engine according to the included photos and drawings!

Making the cable-connections („pointed hats“):
Warm the thicker hose over a candle and stretch it in length. cut out conical part and pull it over the line!

Use caution when shrinking **WM11**: Danger of deformation! Bushing Ø8.5 mm not applicable!

Make the plug openings in the ignition coils and on the spark plug boot for the red wire with a hot pin!

Butterfly potentiometer **A32 – A36**: Assemble completely then glue to intake-pipe!

Pocher-parts: K2, B12

1 8a Frame preparation

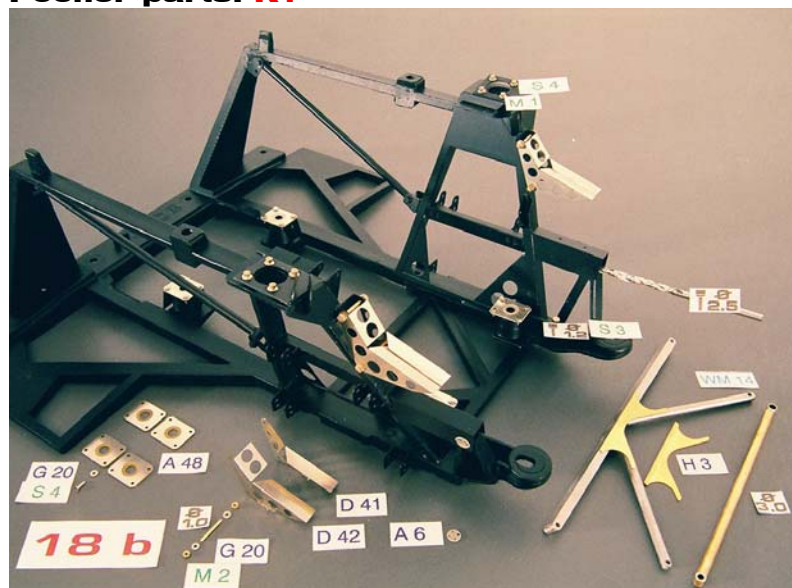
Etched:	Etched:	Etched:	Other:	Screws:
B6	4x B16	2x D28	3x MPØ3	6x S3
B7	4x B25	E29	6x T11	10x S2
2x B12	4x B27	E30		10x M2
B13	2x B28	2x F7		2x M3
B14	4x B45	F9		
H4	2x F8	F10		
H5				

Prepare Pocher part **K2** so that all etched parts can be glued on cleanly. For a better fit file the drill holes of the rear tub retainer in the shape of a slot!

Solder all etched parts to each other! Trim the straps **B25**!

Attachment for the lower mounting straps for A-arm (B27) with shortened screws S3 (wrong destination in photo) after painting

Pocher-parts: K1



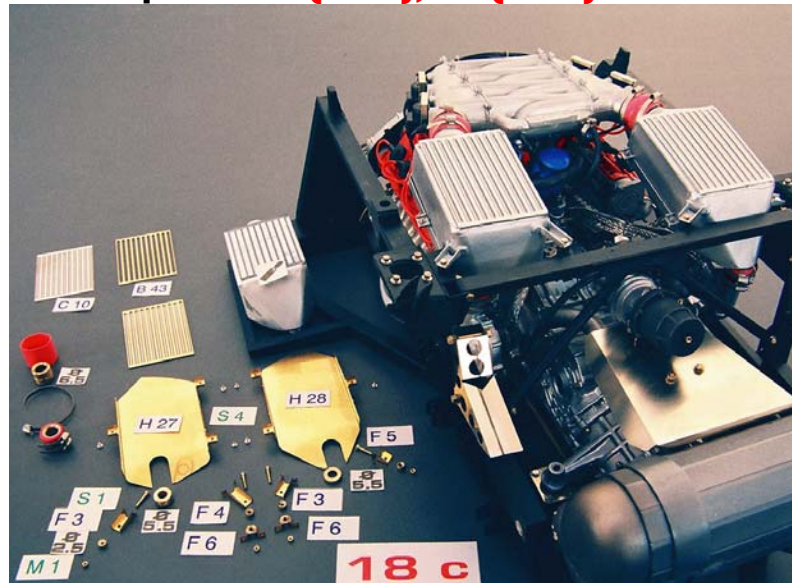
18b Frame, additional parts

Etched:	Etched:	Decals:	Other:	Screws:
2x A6	2x D42		MP03	8x M1
4x A48	24x G20			8x M2
2x D41	H3			2x S3
				24x S4

The screws **S3** serve to adjust the Pocher rear tub **x25**, since the second mounting pair has been omitted. By tightening or loosening them the inclination angle of the rear tub can be changed!

The drill holes Ø2.5 mm are for the insertion of the rear tub brace **WM34**!

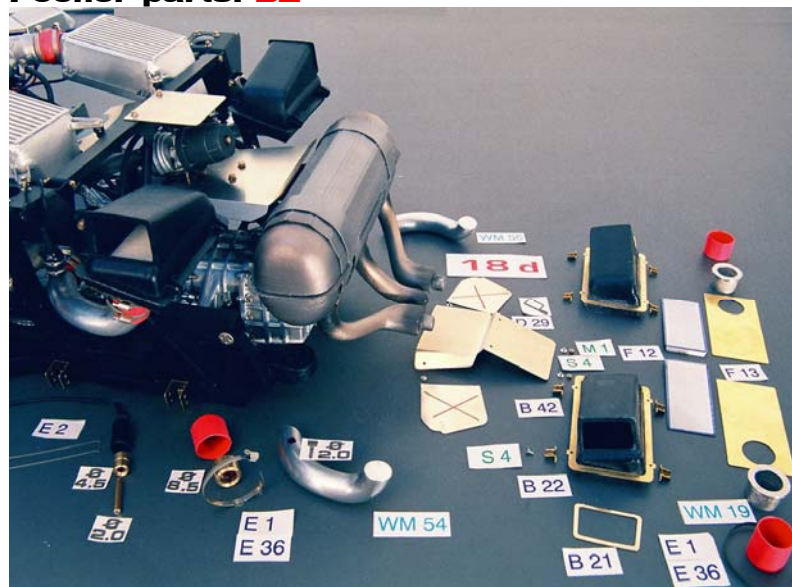
Length of the diagonal brace **MPØ3** (between the mounting center points): 79 mm

Pocher-parts: V3 (alter), V4 (alter)**18c Heat exchangers**

Etched:	Etched:	Etched:	Other:	Screws:
F4	H28	H27	2x MB6	4x M1
F5	2x C10	4x E1	4x MB8	4x S1
2x F3	2x B43	4x E36	4x MB2	10x S4
2x F6				

Sequence:

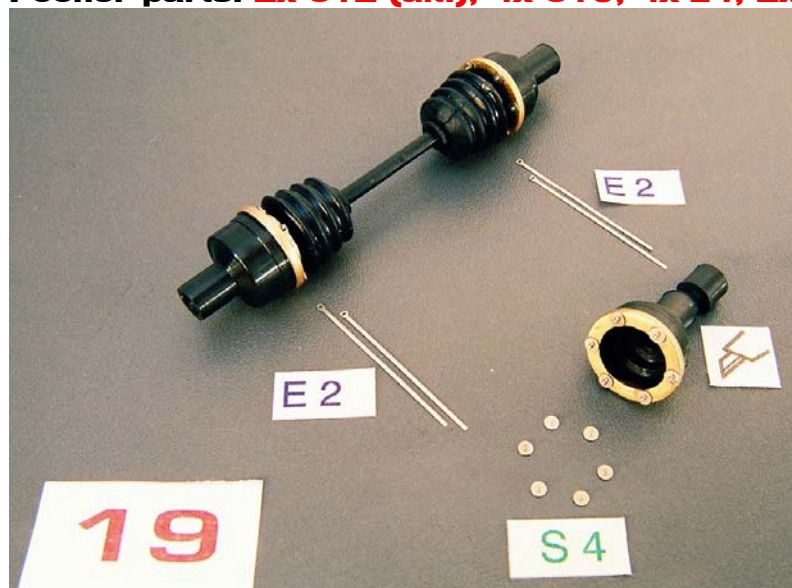
1. Make the connecting rubbers between heat exchanger and turbo charger from hose clamps (E1, S4), 4 brass bushings MB8 and heat shrink tubing!
2. Assemble the heat exchangers without the holding brackets!
3. Fit the heat exchangers carefully while still unpainted, insert connecting rubbers, position holding brackets and insert unpainted cross member for a test. IMPORTANT: All parts have to fit absolutely tension free! Screw mounting brackets to cross member and glue them to the heat exchanger.
4. Disassemble, paint and reassemble all parts!

Pocher-parts: B2**18d Air filter**

Etched:	Etched:	Casted:	Other:	Screws:
2x B21	4x E2	2x WM19	4x MB9	18x S4
8x E1	2x F13	WM54	4x MB6	2x M1
8x E36	8x B42	WM55	2x MP02	
D29	2x B22			
2x F12				

Sequence of filter assembly:

1. Paint F12 matt white, blue edge
2. Assemble air filter housing (B42, B22, B21, Pocher B2), paint matt black
3. Insert F12, attach bottom (F13 + WM19), glue housing from below, drill WM54 and WM55 with Ø2.
4. Attach red heat shrink tubing Ø9, glue housing to mount, drill WM54 and WM55 with Ø2.
5. Assemble intake pipes from WM54 respectively WM55, heat shrink tubing flanges and hose clamps!
6. Make pressure regulator from black heat shrink tubing Ø5, 4 bushings MB6, MP02 and cable-binders E2. Insert in drill hole Ø2 and route cable!

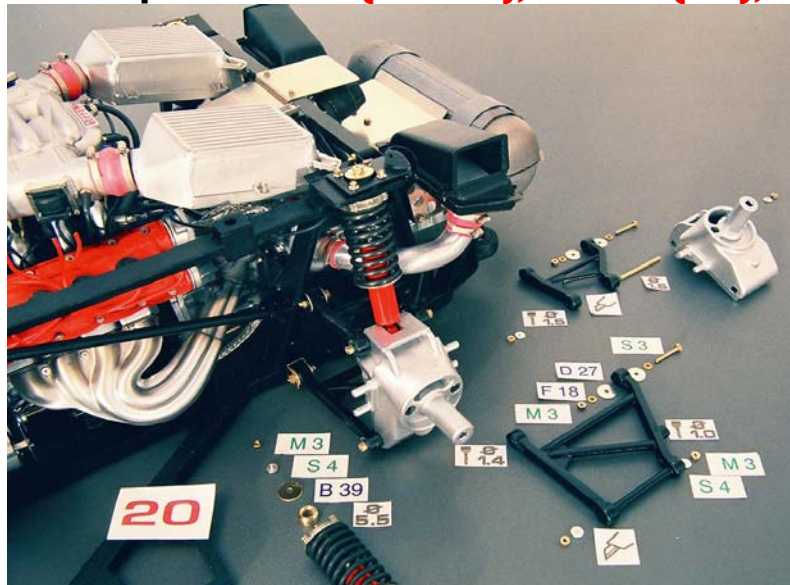
Pocher-parts: 2x C12 (alt.), 4x C10, 4x Z4, 2x C1, 2x C11 (alt.)**19 Drive shafts**

Etched:	Casted:	Decals:	Other:	Screws:
8x E2				24x S4

Shorten the Pocher parts C12 by about 5 mm!

Attach cable clamps E2 to each other and tighten on rubber sleeve Z4!

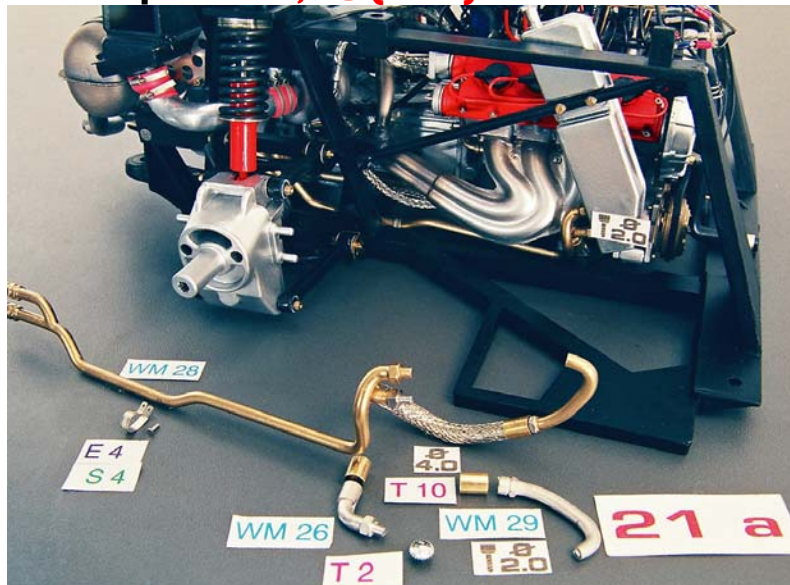
Dull Z4 with steel wool!

Pocher-parts: 2x A2 (shorten), 2x C23 (alt.), 2x C7 (alt.), 2x A28**20 Rear suspension**

Etched:	Casted:	Decals:	Other:	Screws:
16x D27 16x F18 2x B39			2x MB8 2x MPØ1.5	10x S4 8x S3 18x M3

Sequence:

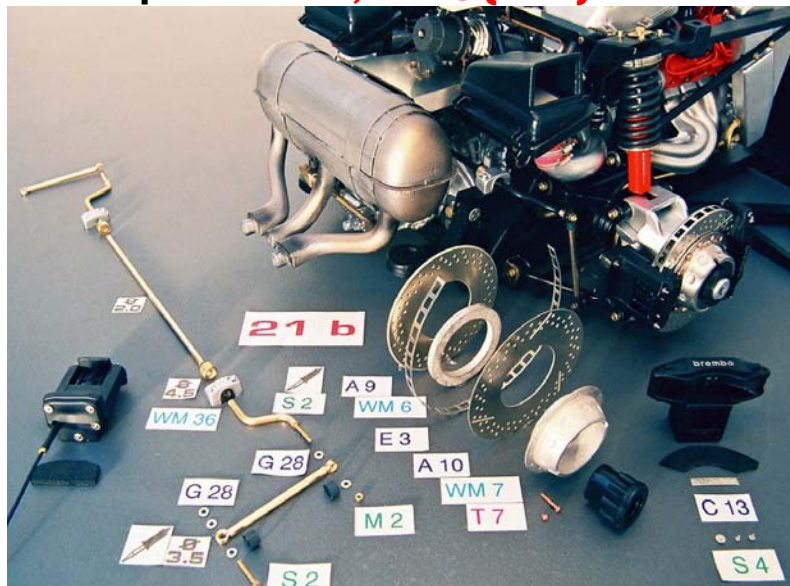
1. Shorten axle stub of Pocher **A2** to 6 mm length!
2. Prepare A-arm (drill and paint)
3. Fasten all four A-arms with screws **S3**, nuts and washers!
4. Clip off the protruding end of the screws **S3**!
5. Mount wheel suspension with shock absorbers (brass rod Ø1.5, length 22 for lower mount)
6. Attach upper shock absorber mount from bushing **MB8**, **B39**, **S4** and **M3** (paint **MB8** matt black)

Pocher-parts: L7, L8 (alter)**21a Oil tank, oil pressure lines**

Etched:	Casted:	Decals:	Other:	Screws:
E4	WM 29 WM28 WM26		2x T10 T2	2x S2 1x S4

Drill out oil filler neck for cover **T2**!For making pressure hoses see step **11** (Ø of braided wire 4 mm)

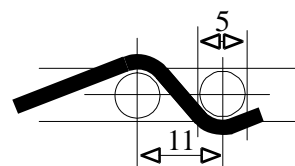
- Drill out **WM29** with Ø2, to attach to peg on front engine wall
- Mounting of **WM28** to the frame with hose clamp **E2** and screw **S4**!
- Mounting of oil tank to frame with screws **S2**!

Pocher-parts: 2x P1, 2x P6 (alter)**21b Brake system, stabilizer**

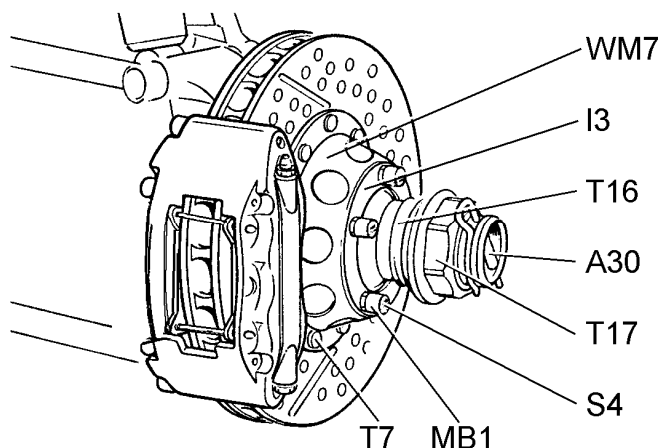
Etched:	Etched:	Casted:	Other:	Screws:
2x A9 2x A10 2x E3	2x C13 10x G28	2x WM6 2x WM7 2x WM36	4x MB5 2x MB4 5x MPØ2 28 x T7	4x S2 2x M2 Div. S4

Clip the rivers **T7** on the back side of **WM7**! Preparation of the caliper **P6** see step **4b**! Building of brake disks see step **4a**! Rod for stabilizer Ø2! Heat shrink tubing to stabilizer arm: Ø4 mm! Middle part stabilizer length 87 mm. Make brake pads from black foam-rubber (template on self adhesive paper)!

Pocher **A6** not applicable! Do not glue Calipers **P1** and **P6**!



Bending of stabilizer branches in vice over Ø5 mm round stock

Pocher-parts:**21c Central locking hubs**

Etched:	Casted:	Decals:	Other:	Screws:
2x I3 (I6) 2x A30	2x WM7		10x MB1 2x T16 2x T17 28x T7	10x S4

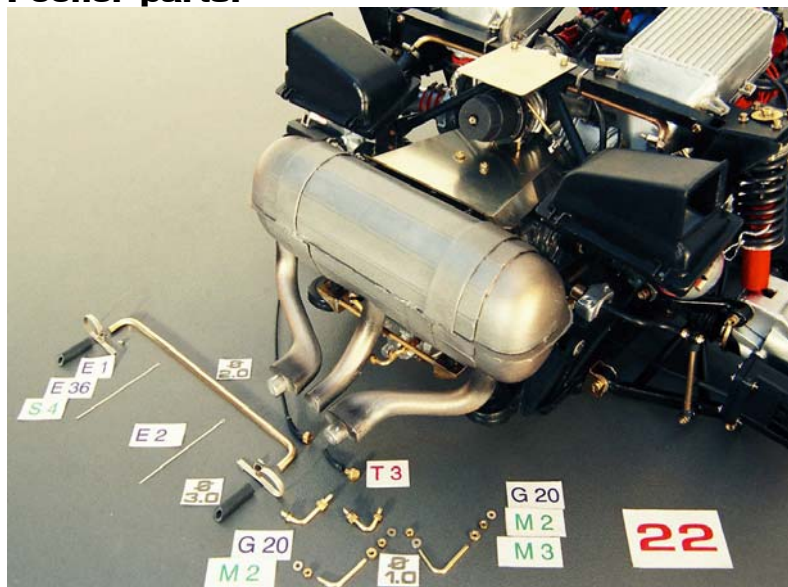
Shorten axle stub of Pocher **A2** to 6 mm length

Insert central locking hubs **T16** into the brake disks. Paint etched part **I1**, mount brass bushing **MB1** with screws **S4**!

Cover the hub with **I1**!

Correction of track width: Put etched parts **I6** behind the brake disk! This is also possible later on, if the calipers **P6** and **P1** will not be glued onto Pocher **A2**!

Fix with Pocher screw **K51040**!

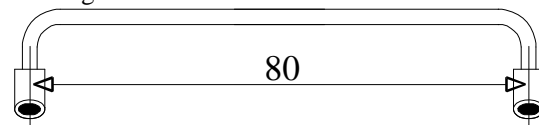
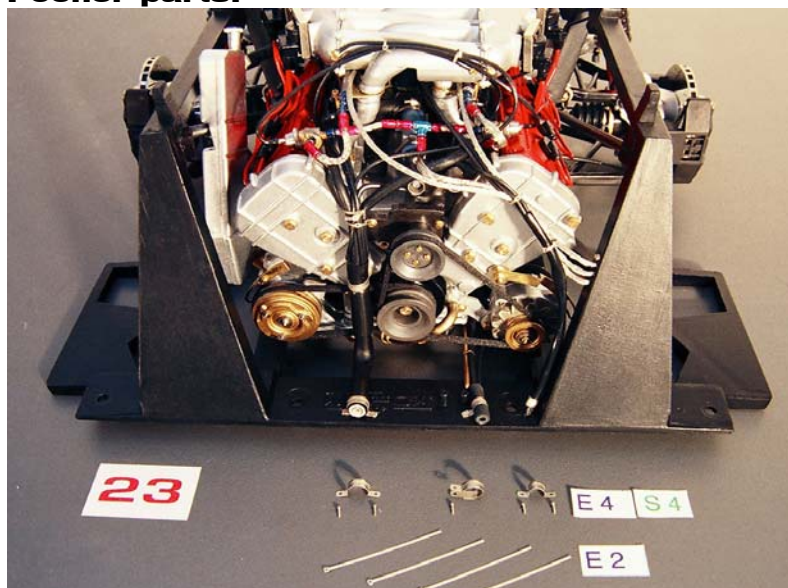
Pocher-parts:**22 Hose connections**

Etched:	Etched:	Decals:	Other:	Screws:
2x E2 2x E1	4x G20		1x MPØ2 2x MPØ1 1x T3	4x M2 2x M3 2x S4

Attach oil pressure switch (shortened screw **T3**) to transmission, make a „pointed hat“ from heated stretched plastic hose!

Assemble hose connections between air filters completely, then attach to diagonal braces (cable clamp **E2**). Glue hose pieces from Pocher hose Ø3 to the air filter frame.

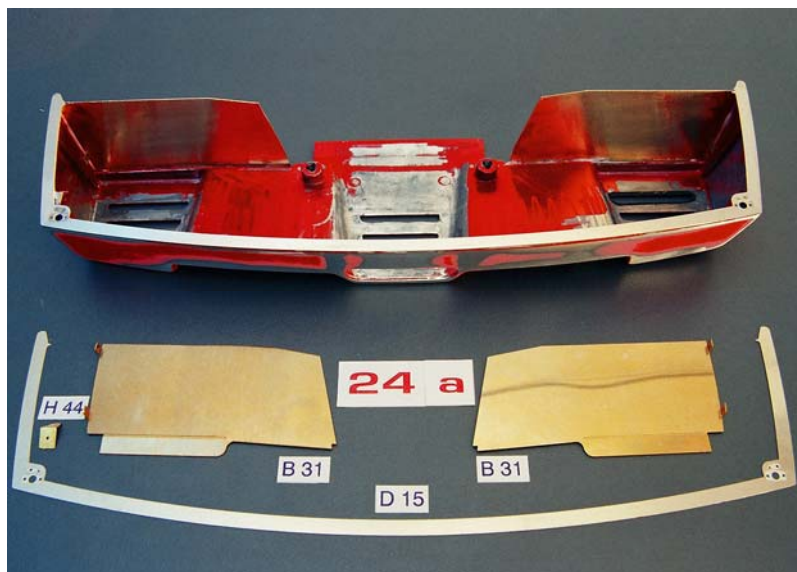
Attach connections for line to transmission oil cooler in drill holes Ø1 mm at transmission housing.

**Pocher-parts:****23 Engine, final assembly**

Etched:	Casted:	Decals:	Other:	Screws:
ass. E4 ass. E2				ass. S4

Do not yet connect the frame parts **K1** and **K2**!

Route the cable strands at the frame part **K2** and take care, that non of the parts protrude in front, since problems will arise later when installing the seat bucket **K5**!

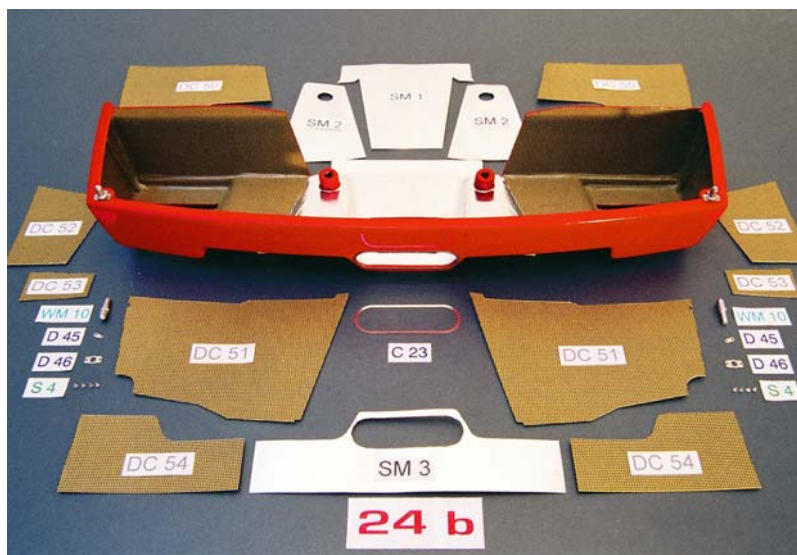
Pocher-parts: X25**24a Rear tub - preparation**

Etched:	Etched:	Decals:	Other:	Screws:
D15 2x B31	H44			

Use 2K-epoxy glue! You have to roughen the surface of the parts to be glued together. Drill the inner support points of the rear tub through – toward the bottom with Ø2. Grind off the outer support points – the set screws of step **18b** will assume the task of adjusting. Should you open the slots to the bottom (not absolutely necessary) the result is a more difficult application of the inner linings (cutting)!

Solder the angle bracket H44 after gluing on the rear tub cover!

Fill in, polish and paint the rear tub!

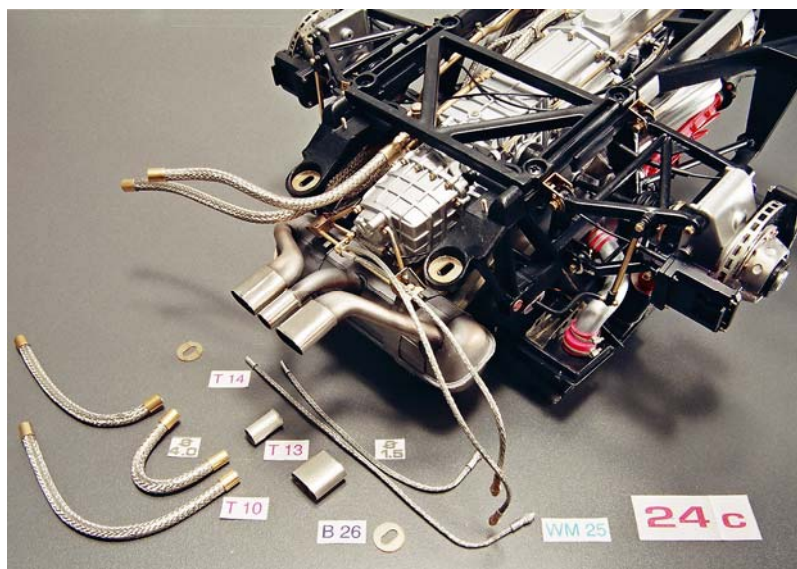
Pocher-parts: X25**24b Rear tub - finishing**

Etched:	Casted:	Decals:	Other:	Screws:
2x D45 2x D46 C23	2x WM10	2x DC50 2x DC51 2x DC52 2x DC53 DC54	SM1 2x SM2 SM3	8x S4

Attach all parts after painting the rear tub!

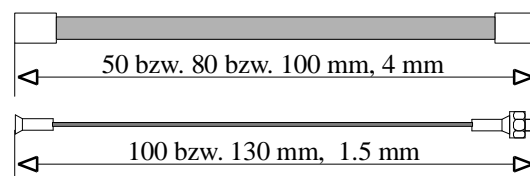
Make sure you follow the advice about working with decals and self adhesive foil!

Use Q-tips to rub the inner linings – the SK-aluminium foil is very soft – danger of cutting through!

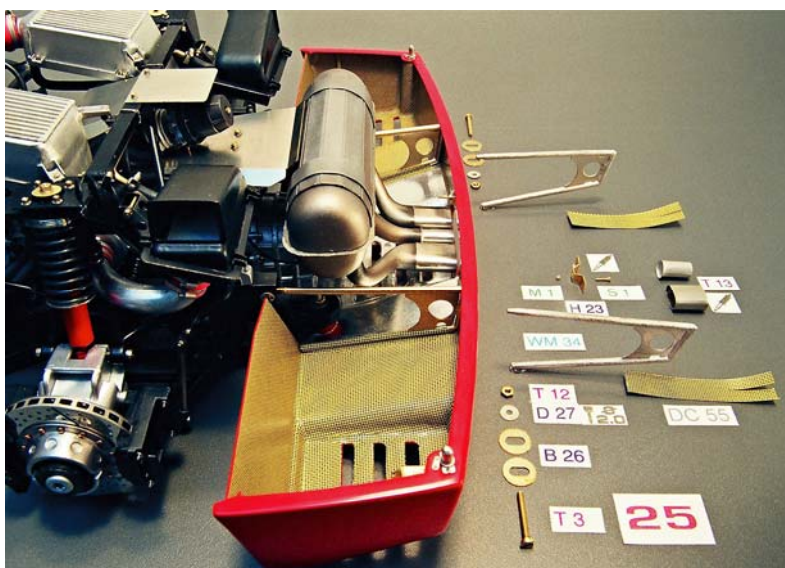
Pocher-parts:**24c Oil lines to oil coolers**

Etched:	Casted:	Decals:	Other:	Screws:
4x B26 2x I16	2x WM25	2x T14	6x T10 T13	

All measuring specifications of the oil tubes include connecting sleeves! The slot disks B26 are for levelling the rear tub – generally two on each side are sufficient! Substitute the end pieces of the Pocher exhaust system **Y10** with bent and soldered etched parts I16! Adjust the length by pushing them backward or forward!



Pocher-parts: X25, K2



25 Rear tub, assembly

Etched:	Casted:	Decals:	Other:	Screws:
sev. B26 2x D27 H23	2x WM34	2x DC55	2x T12 2x T4 T13	1x S1 1x M1

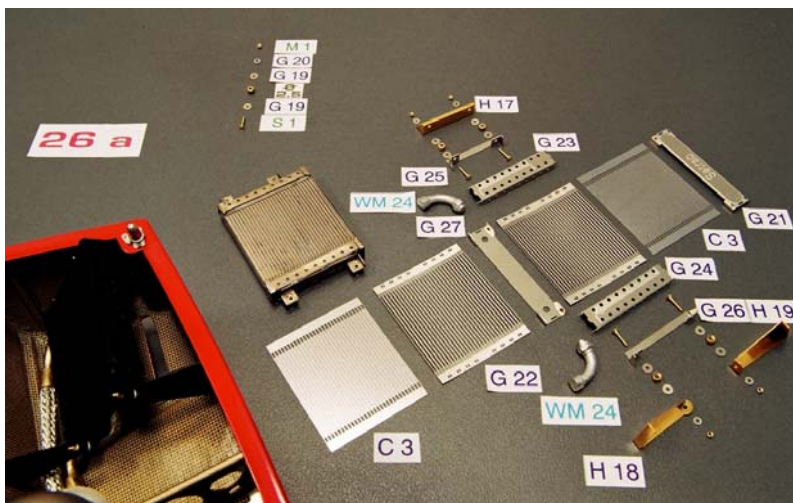
Screw together the rear tub with the frame part **K2** – the screw is **T4**. Photo is wrong!

Determine the number of etched parts **B26** by temporarily adding body part **X14** and hood **X15**! Carefully fit frame extensions **WM34** and glue them exclusively into the rear tub! Please no glue into the drill hole on frame part **K2**! This way the rear tub can easily be adjusted later on. Subsequently glue the decals D55 over the frame extensions!

Turn the set screws from step **18b** so far down, that the upper edge of the rear tub is exactly level!

Reinforce [H23](#) with solder points and attach with 2K-glue. You absolutely have to cut out the SK foil for this step!

Pocher-parts:



26a Oil cooler

Etched:	Etched:	Etched:	Other:	Screws:
2x C3	G25	G24	4x MB2	4x S1
2x G22	G26	8x G19		4x M1
G21	H19	4xG20	2x WM24	
G23	H18			
G27	H17			

1. Glue together **G26** and **G22** (2x)
2. Solder angle brackets **G26** with **G24**, **G25** with **G23**!
3. Connect bottom **G27** with side walls – pull straps through, bend and glue parts together.
4. Insert perforated sheet **C3** with **G22**.
5. Put on cover **G21**, paint cooler matt black!
6. Glue in line connections **WM24**.
7. Screw cooler together with angle brackets **H17**, **H18** and **H19**!
8. Fit entire assembly thoroughly, attach temporarily! Put liquid super glue on thin wire, or the like, hold next to the contact surfaces in the rear tub – it flows into slot by capillary action.
9. Join oil hoses with connections! ATTENTION: the oil cooler should not stick out more than 6 mm above the rear tub surface!

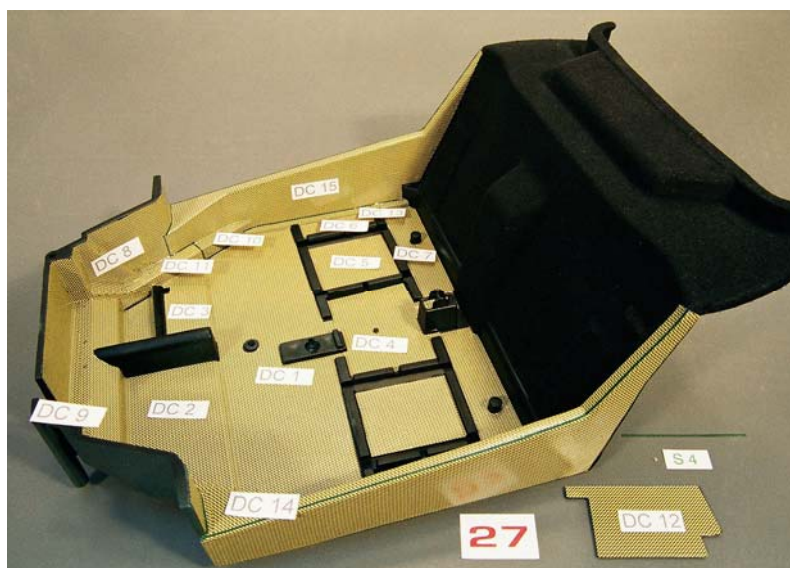
Pocher-parts:



26b Transmission oil cooler

Etched:	Etched:	Etched:	Other:	Screws:
2x C1	2x G14	G17	3x MB2	6x M1
G12	G15	G18		6x S1
G13	G16	6x G19		
H20	3x G20	2x F4		

1. Glue together perforated sheet **C1** and **G14** (2x)
2. Solder together angle brackets **G17** with **G15**, **G18** with **G16**!
3. Connect bottom **G12** with side walls.
4. Insert perforated sheets **C1** with **G14**!
5. Put on cover **G13**, paint entire cooler.
6. Screw together oil cooler with angle bracket **H20**!
7. Adjust the assembly carefully, screw and glue together with rear tub!
8. Glue in hose connections and attach oil hoses with hose clamps **E4** to frame extensions!

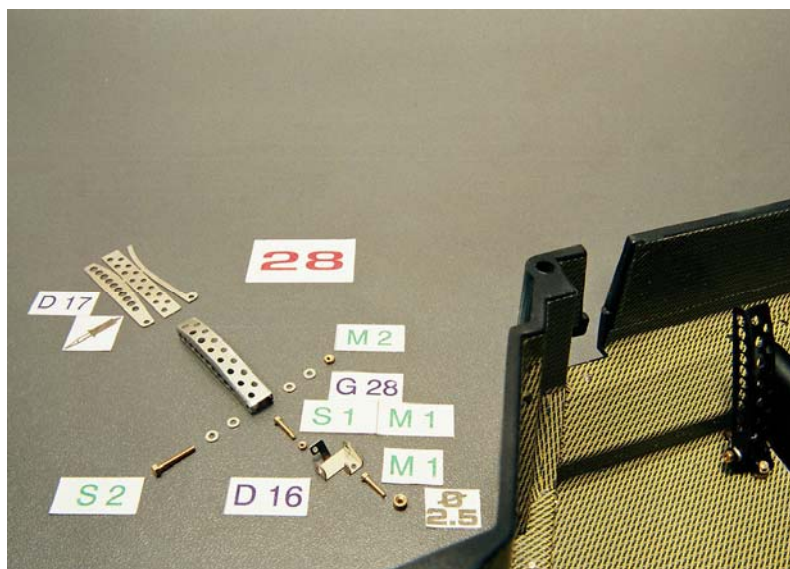
Pocher-parts: K5**27 Inner Tub**

Other:	Decals:	Decals:	Decals:	Decals:
SK-green	DC1	2xDC5	DC9	2x13
Sev. S4	DC2	2xDC6	2xDC10	2x14
	DC3	2xDC7	2xDC11	2x15
	DC4	2xDC8	DC12	

ATTENTION: Definitely take notice of supplement A – Applying the inner linings and decals!

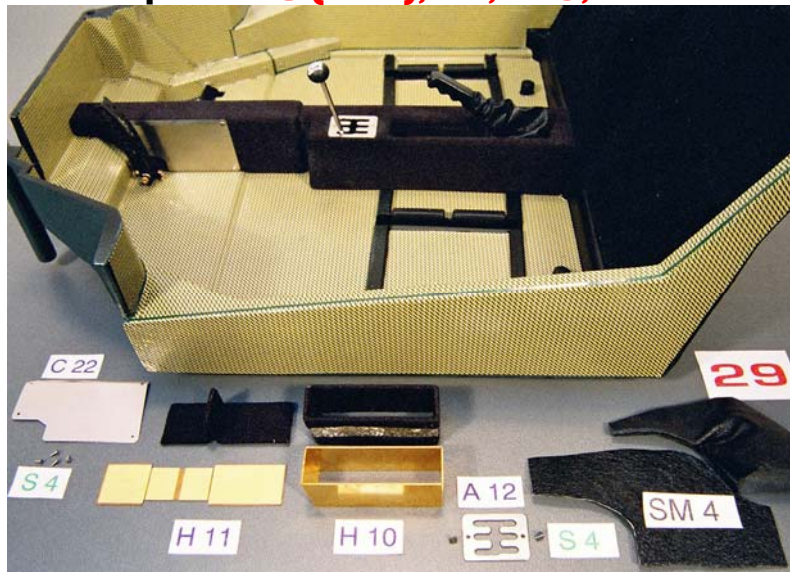
Sequence:

1. Cover the dividing wall toward the engine with stocking material. Mask it, apply spray glue to both sides, cover. Paint the tub matt black!
2. Remove molded stop for passenger foot rest – see photo!
3. Apply decals – work from the inside to the outside (DC14 last).
4. Cut thin strips (about 0,8mm) from green SK-foil and simulate glued seams!
5. Insert screws S4 as simulated mounting points!

Pocher-parts:**28 Gas pedal**

Etched:	Casted:	Decals:	Other:	Screws:
4x G28			1x MB2	2x S1
D17				1x M1
D16				1x M2
				1x S2

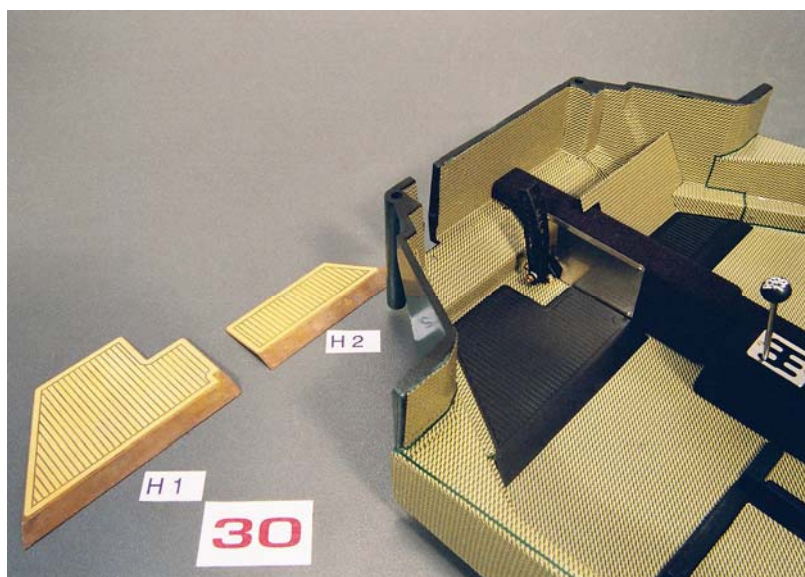
- Bevel D17, solder, file and paint matt black
- Paint D16 matt black
- Screw gas pedal together
- Make 0,8 drill holes (insert middle console experimentally) and mount gas pedal with screw S1 (in photo falsely identified as M1)

Pocher-parts: Y3 (alter), U2, B19, L17**29 Middle console**

Etched:	Casted:	Decals:	Other:	Screws:
A22			Stainless Ø1.5	6x S4
C22			Leather	
H10			SM4	
H11				

- Cover Pocher U2 with the included stocking material.
- Substitute the gear shift lever with stainless steel rod Ø1,5 mm. (Cut off ball joint and drill)!
- Polish shift pattern A12!
- File the surface of the Pocher shift kob L17 and polish until smooth. Then apply decal AG02!
- Hand brake boot: Transfer the pattern SM4 onto leather, glue the leather together on front side, turn inside out so the glued seams are on the inside.
- Storage compartment: Cover H10 and H11 with stocking material, then glue together and insert from below into the middle console. (Cover H10 before folding)!

Pocher-parts: 19 (alter)

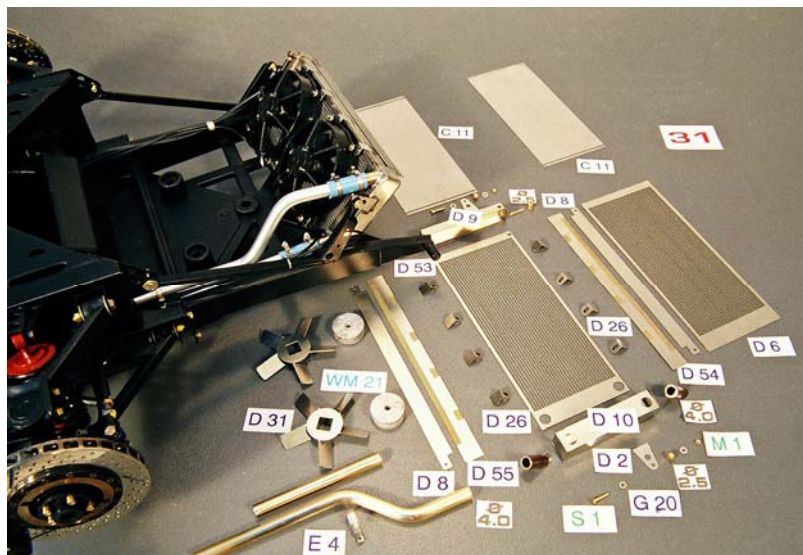


30 Floor Mats

Etched:	Casted:	Decals:	Other:	Screws:
H1				
H2				

Glue in the passenger foot rest after inserting the float mats! For this purpose remove the straps so it engages!

Pocher-parts: 2xC4 (alter), C19



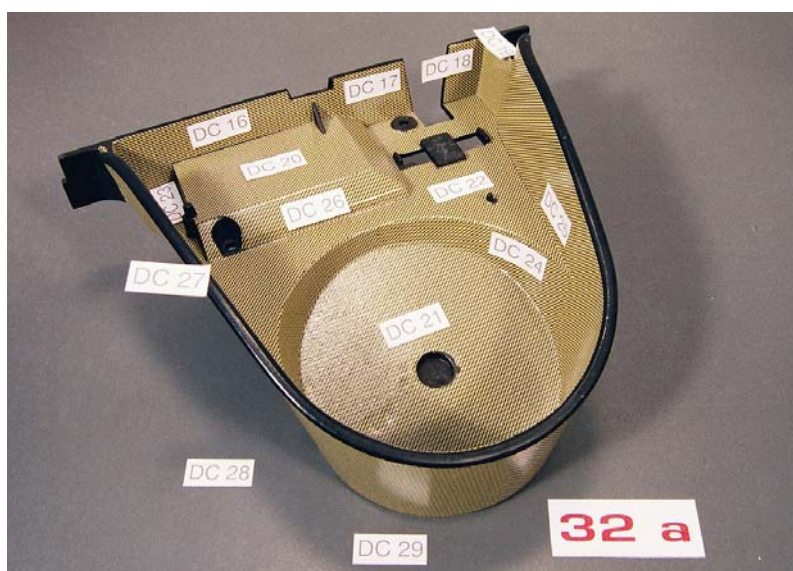
31 Radiator

Etched:	Etched:	Etched:	Other:	Screws:
2x C11	D10	sev.E2	4xMPØ4	sev.S4
2x D8	D66	sev.E4	2xMB2	2xM1
2x D31	D9	4xE1		2xS1
2x D2	D53		Casted:	
8x D26	D54		2x WM21	
12xG20	D55			

Sequence:

- Glue together meeting **C11** with front and rear wall (**D6**, **D10**)
- Solder together cover **D54** and bottom **D55** with **D8** and holding straps **D26**. Solder together side parts **D9/10** with mounts and connecting pieces.
- Insert front and rear wall, bottom and cover into side parts and solder together. Polish the entire radiator
- Make fans from Pocher **C4** (alter.), **C19**, **WM21**, **D31** and screws **S4**, wire and attach them.
- Make connecting lines, attach hose clamp.
- Mount the complete radiator, secure lines with cable and hose clamps.

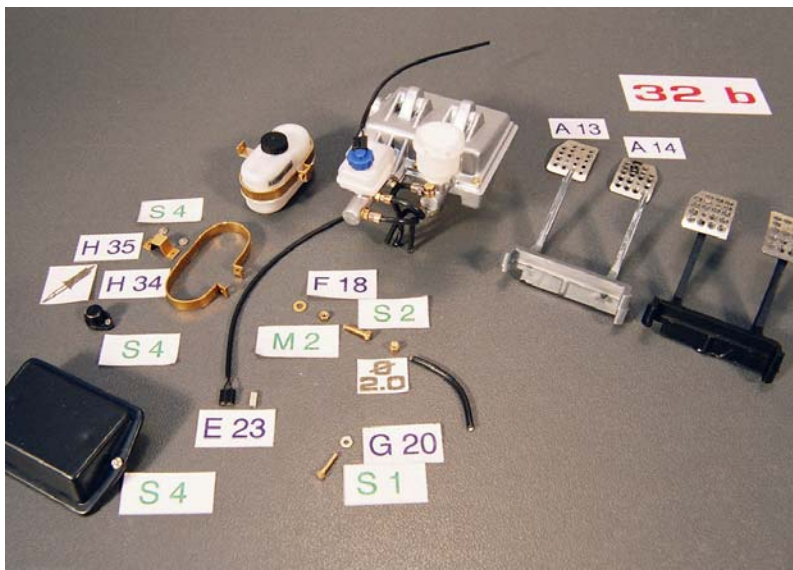
Pocher-parts: K6



32a Front tub

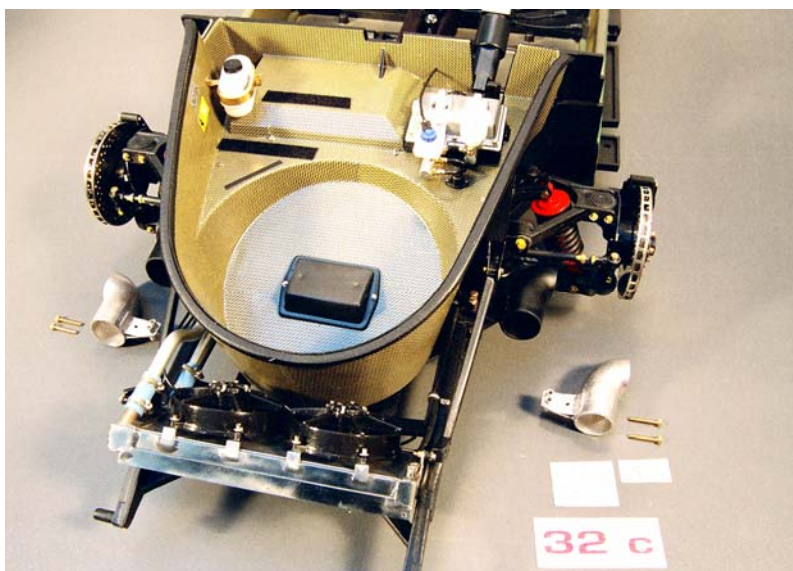
Etched:	Casted:	Decals:	Decals:	Decals:
		DC16	DC21	DC26
		DC17	DC22	2x DC27
		DC18	DC23	2x DC28
		2x DC19	2x DC24	2x DC29
		DC20	2x DC25	

- Paint Pocher **KG** matt black!
- Attach decals (see supplement A)!
- To make the drill hole in decal 26 disappear:
- After gluing together the font tub with the chassis, glue a matching, folded piece of metal from the frame of plate E over the drill hole.
- Then glue second decal 26 over it!

Pocher-parts: S5, I5, W6 (alter), W7, QA14, S3, S4, I4, I7, Decals 24, 25, 26**32b Front tub - additions**

Etched:	Etched:	Casted:	Other:	Screws:
A13	2x E23		4xMB1	4x S4
A14	5x G20			5x S1
H34	3x F18			3x S2
H35				3x M2

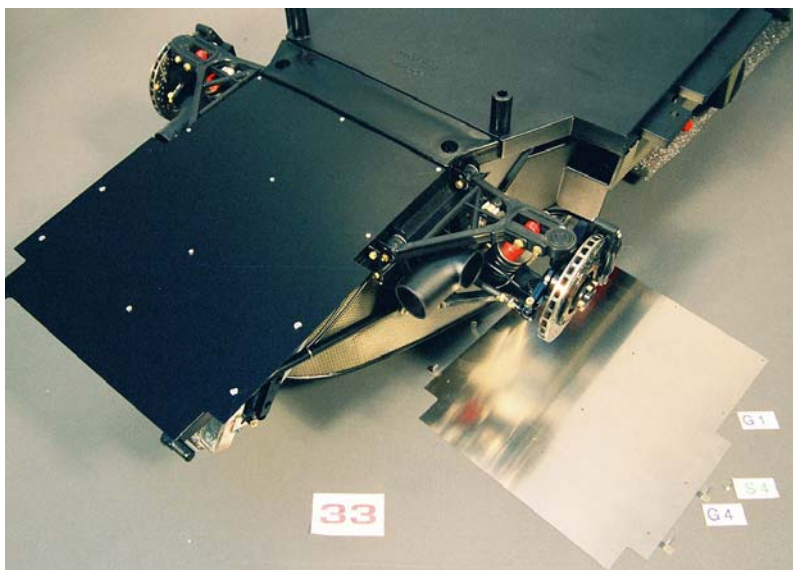
- Trim the Pocher pedals **W6**, mirror finish and attach **A13** + **A14**!
- Solder together the connections for break lines from **M1**, **S1** and brass bushing **MB1**.
- Mix the milk-withe colour for the containers out of clear matt varnish with a dash of white!

Pocher-parts:**32c Front tub - assembly**

Etched:	Casted:	Decals:	Other:	Screws:
	2x WM49 2x WM50	DC26	SK-Velvet SK-Crape	sev.S4 4x S3

Caution: Before assembly the front tub first insert break cooling ducts! For this purpose determine the position by adding on Pocher **N5** and **N6** on a trial basis (width of slot about 8 mm)

- Glue seal from matt black SK-crape to the upper side of the tub!
- Make the velcro band for the tool bag from the included self-adhesive velvet!
- Simulate screws and rivets by attaching **S4**!
- Cover screw head of the side of plate E, set **DC26** over it!
- Lead the break and clutch lines through drill hole to bottom.

Pocher-parts:**33 Floor pan - front**

Etched:	Casted:	Decals:	Other:	Screws:
G1 4x G4				12x S4

Sequence:

1. Glue together or solder floor pan **G1** with angle brackets **G4**!
2. Paint floor pan matt black!
3. Screw together floor pan and chassis!

Caution: Definitely do not glue together the floor pan and the chassis, since you might have to take it off and alter it when you mount the front hood!

Pocher-parts: X14**34a Passenger side - preparation**

Etched:	Casted:	Decals:	Other:	Screws:
2x H25 2x B38 B34				

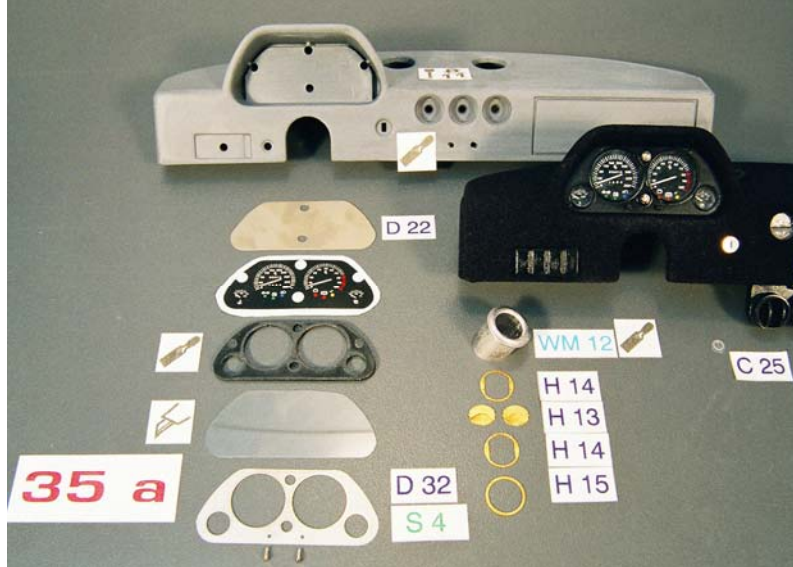
Prepare Pocher **X14** according to photo!
Working with the rear extensions:
Use template **B34**! Slightly counter sink the two drill holes in the frame extensions!
Fill in the two openings for the Pininfarina sign at the rear wheel segments!
After painting **X14** you should brush the inner surfaces matt black!
Paint the upper and lower parts of the gas caps in red!

Pocher-parts: U1, L1, E1, Decals 5, 6**34b Headliner**

Etched:	Casted:	Other:	Other:	Other:
		SM5 SM6 2x SM7	SM8 2x SM9	foam-rubber SK-crape

Sequence:

1. Mount the dash board and the wind shield (see building steps **35a + b**)!
2. Make headliner from white foam-rubber material according to pattern.
3. Glue in filling for headliner (**SM6+SM8**)
4. Glue in headliner (**SM5**) and linings for the A-pillar (**SM9**)
5. Remove surplus glue and mask the edges with black crape tape.
6. Cut out sunshades (**SM7**) and insert!

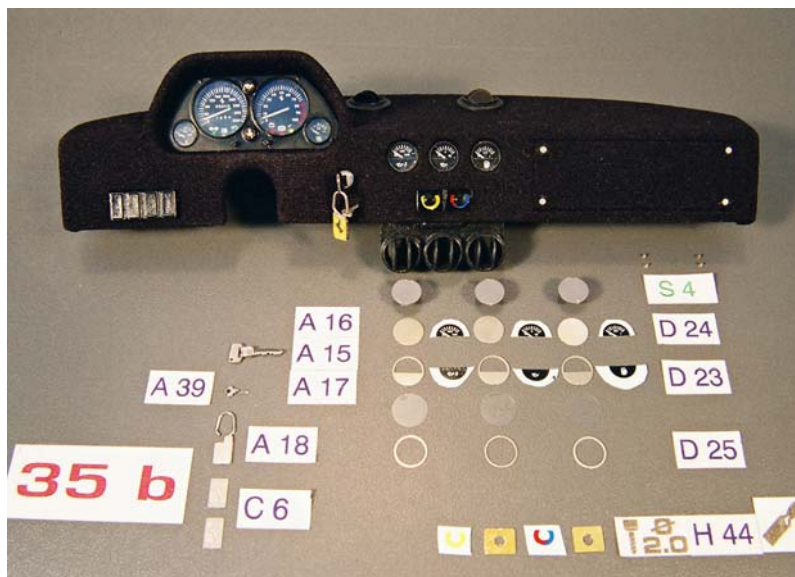
Pocher-parts: U1, B7, B14, 2x H3, Decals 15, 33, 34**35a Dash board - preparation**

Etched:	Etched	Casted	Other:	Screws:
D22 D32 C25	4x H14 4x H13 2x H15	2x WM12	Transp. material	2x S4

Sequence:

1. File the dash board Pocher **U1**, set drill holes Ø11!
2. Make instrument panel - paint **D22**, **D32** and Pocher **B14** black, make screen from transparent material!
3. Cover dash board with stocking material - (glue down material on the front side first), insert instrument panel!
4. Make ventilation nozzles, paint matt black and insert!
5. Insert ignition cylinder and Pocher **B7**!

Pocher-parts: 2x A14, 3x U3, B15, 2x H3, Decals 16, 17, 18, 21, 22, 33



35b Dash board - completion

Etched:	Etched:	Etched:	Other:	Screws:
A15	A18	2x H44	Transp. mat.	4x S4
A16	A39	3x D23		
A17	2x C6	3x D24		
		3x D25		

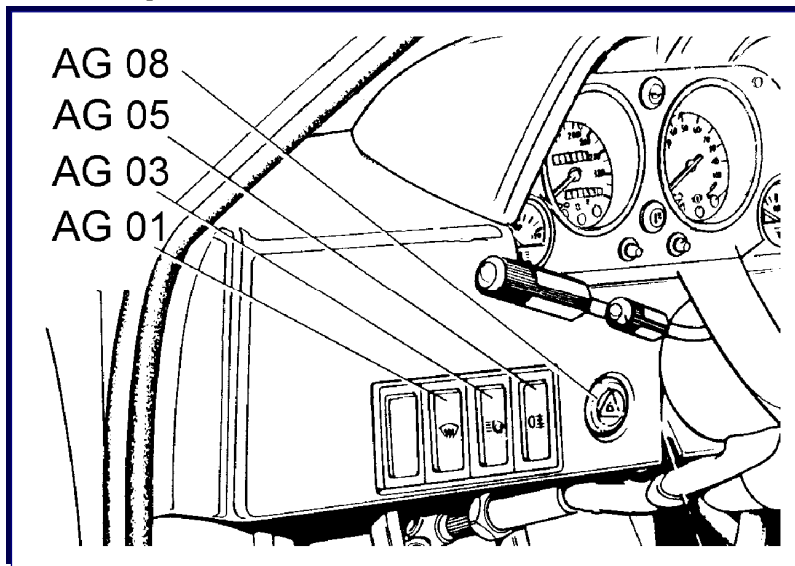
Key chain and keys:

1. Solder the ignition key together from S15, A16 and A17. Polish key bit and hood key A39!
2. Attach both keys to the key chain, fill the side parts C6 with paint, polish and seal with Epoxy.
3. Glue on parts!

Additional instruments:

1. Cut apart Pocher decals, paint all etched parts matt black, apply decals.
2. Punch or cut out discs Ø7 from transparent material.
3. Press all parts into the openings in the dash board – should stick without glue! Use round stock (ex. peg with same diameter as D25)
4. Make backing plates for climate control from H44 (alter parts)!

Pocher-parts: B15, H3



35c Switches

Etched:	Casted:	Decal:	Other:	Screws:
		AG08 AG05 AG03 AG01		

Put the decals on Pocher parts **B15** and **H3** according to the drawing!

Pocher-parts: D17, D18, L15, L20, F5, B18, 2x Decal 7

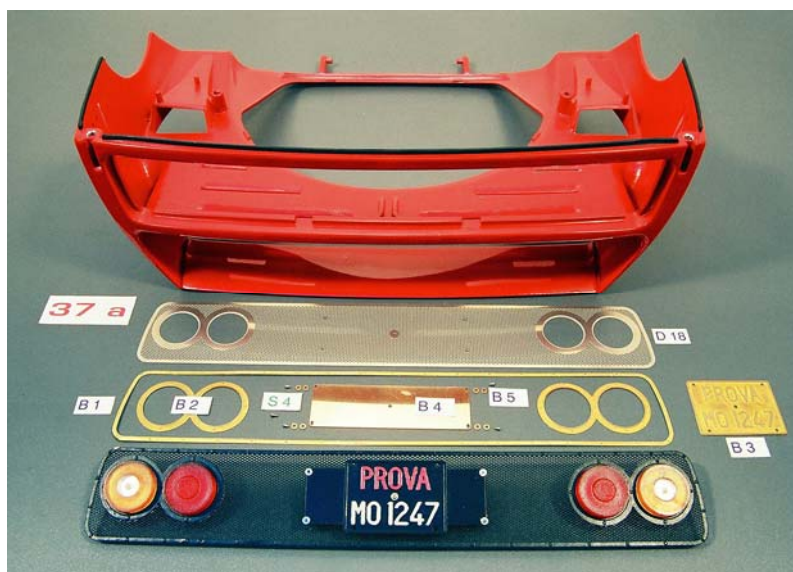


36 Filler neck

Etched:	Etched:	Casted:	Decal:	Screws:
2x B38	2x H30	WM47	2x DC60	4x T7
2x H25	2x H29	WM48		

Sequence:

1. Clip apart Pocher rear window F5, fit side windows into frame L15+20 and border all window panes with black crape!
2. Bevel hinge of filler door, solder, rivet the joint (T7).
3. Glue filler door (from B3+H25, red) and hinge together, apply decal DC60!
4. Fit the filler door flush into tank opening with Tesakrepp, glue on hinge part (Cyancrylat). Put a drop of oil into the joint to avoid accidental gluing of hinge.
5. File stop of filler door in Pocher D17 and D18, paint the parts red, insert windows, screw together.
6. Fit WM47+WM48, paint red and glue them in.

Pocher-parts: X15, X18, 4x D10**37a Rear hood - preparation**

Etched:	Echted:	Casted:	Other:	Screws:
B1	8x B5			5x S4
D18	2x B2			
B3	B4			

Alter the rear hood according to the photograph! Grind the slots open from the inside and then file them thoroughly!

Remove reinforcement bars in rear opening (hack saw and file)!

Spackle fill the inner side of the spoiler wing and paint the hood and the spoiler in red!

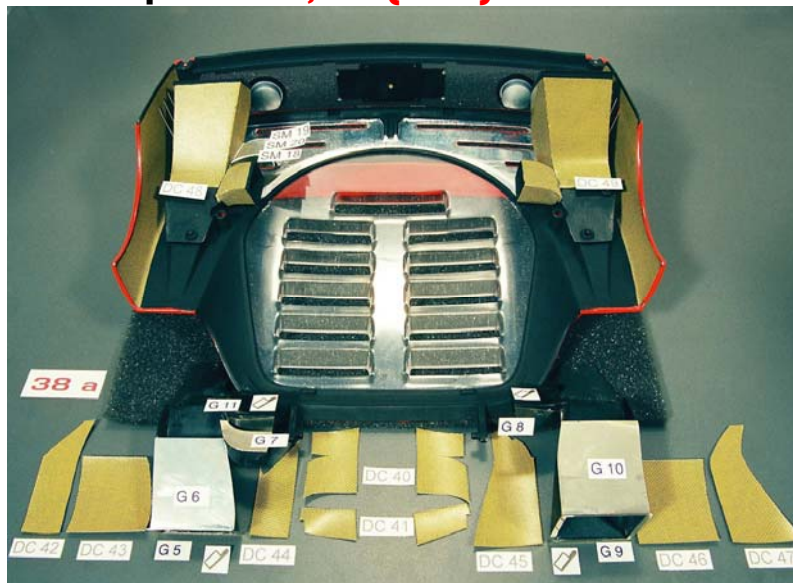
Construct the rear grill as a unit (tail lights see step **37b**)!

Pocher-parts: X15, X18, 4x D10**37b Rear hood**

Etched:	Casted:	Decals:	Other:	Screws:
2x E31	A37	2x DC56	Transp. mat.	4x S4
2x D43	2x E10		SM10	
2x D44	2x E9		SK-Alu	
2x C2	2x C24			

Sequence:

1. Brush inside of rear hood matt black
2. Glue in heat protection foil (SM10)
3. Apply decals DC56
4. Glue in window pane with black crape tape from inside and outside!
5. Finish rear grill and glue it in.
6. Polish Ferrari script, leave in frame for this step, separate it after polishing and glue it on - caution!
7. File the licence plate lighting to the appropriate depth, polish the reflector, make glass from transparent material, attach everything!

Pocher-parts: N1, N2 (alter)**38a Ventilation ducts**

Etched:	Etched:	Decals:	Decals:	Other:
G7	G5	2x DC40	DC45	SM18
G8	G6	2x DC41	DC46	SM19
G9		DC42	DC47	SM20
G10		DC43	DC48	
G11		DC44	DC49	

Attention:

- Saw off the air ducts Pocher **N1** + **N2** as follows:
- **N1** toward the transmission oil cooler 6 mm, toward air filter 5mm!
- **N2** toward oil cooler 4mm, toward air filter 5mm. These are approximate values! Determine your own values by screwing the passenger compartment **X14** onto the chassis for a trail, only hook in the rear hood and close carefully. If the air ducts touch the fair filter or oil cooler they have to be shortened further!
- After fitting attach the decals, etched parts and aluminium foil, paint the inner sides matt black and finally insert the ventilation ducts!

Pocher-parts: N3, N4**38b Inner fender**

Etched:	Casted:	Decals:	Other:	Screws:
2x D48		2x DC39		

Paint Pocher **N3 + N4** matt black, attach decals!

Fold the air scoops **D48**, bend them carefully and fasten them temporarily with Tesakrepp-tape. Hook in the hood for a trail, close carefully and determine the final position! Glue together with liquid Cyanacrylat, then paint matt black! Close the gaps between the inner fender and fender section with strip from the etched part, fill the drill holes in inner fender with putty and paint matt black!

Pocher-parts: B8, B9**39 Hood/passanger compartment**

Etched:	Casted:	Decals:	Other:	Screws:
			foam-rubber SK-Crape	

Refile the Pocher parts **B8 + B9**.

After screwing the hinges together you should mask them with foam-rubber!

Edge the linings and the rear window with self adhesive crape tape and secure the window!

Pocher-parts:**40 Inner fender, door lock**

Etched:	Casted:	Decals:	Other:	Screws:
2x D51 2x D52				8x S4

Remove the tabs of the inner fenders, which are supposed to be used to hook in the lower frame Part!

Paint inner fender matt black and attach! Instead of the Pocher lock parts **A1** attach the etched parts **D51** and **D52**! Insert Pocher-hose Ø 3mm into lock part!

Pocher-parts: K3, K4, R1**41a Seats preparation**

Etched:	Casted:	Decals:	Other:	Screws:
		2x DC30 4x DC31	2x MP o 1.5	

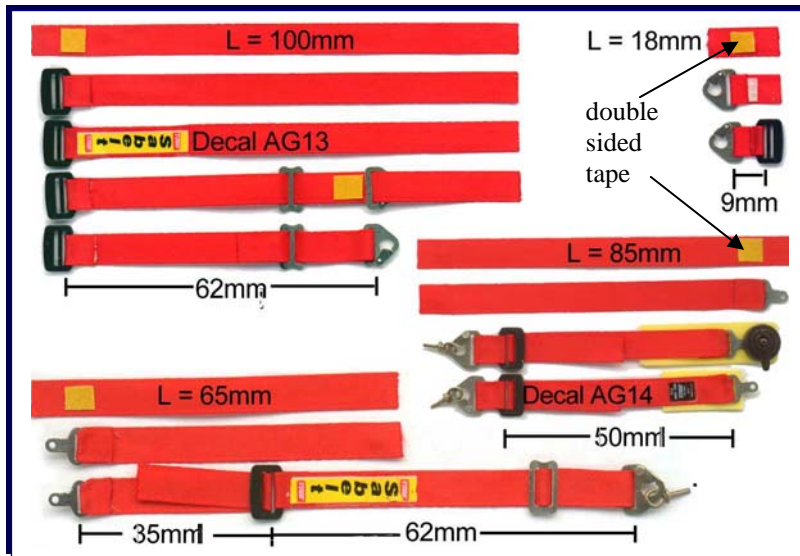
- Cover the seat surface with red stocking material (see supplement A)!
- Cover the seat buckets with the decals DC30 and DC31!
- Exchange the adjustment lever on the front side of the seats with a bent brass rod Ø1,5mm!
- Glue the seat bucket and padding together with Cyanaryl!

Pocher-parts: 2x C14, 2x C15, 2x C20**41b Seat belts**

Etched:	Etched:	Etched:	Other:	Screws:
16x G28 4x A55	2x A56 4x A58	2x A54 2x H22	4x T7	4x S4

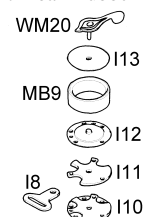
Sequence:

1. Insert lower seat belt mount – A55 + H22 (both folded), T7, 4x and G28! Squeeze rivet T7 on the rear with pliers!
2. Pull webbing through A55, distance to red area about 20mm.
3. Screw down track H22 next to seat tracks.
4. Mount seat together with belt!
5. Slide on clasp C15 and buckle pull belt trough upper seat opening!
6. Make guide and attach!
7. Shorten belt to fit, stick into Pocher C20 and tighten!
8. Paint release button A56 red, glue it on and attach Pocher C14!

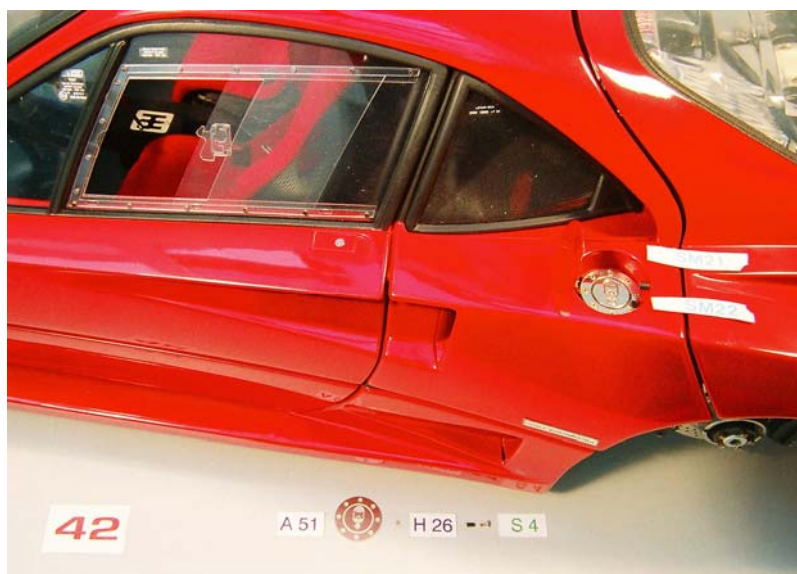
Pocher-parts:**41c Sabelt 4-point harness**

Etched:	Etched:	Etched:	Other:	Screws:
8x I4 8x I5 4x I7 4x I8 8x I9	2x I10 2x I11 2x I12 2x I13	4x AG13 2x AG14 Casted: 2x WM20	8x T18 2x MB9 Red band straps foam rubber yellow	9x S4

1. Paint etched parts I9 matt black, polish I8 (in frame!)
2. Cut straps to size: 4x 18 mm, 4x 85 mm, 4x 100 mm, 4x 65 mm, seal cutted edges with solder iron, cut yellow foam rubber: 2 parts. 20 x 9 mm, 2 parts 30 x 9 mm
3. Make harness according to photo, use double sided tape size 5 x 5 mm for gluing, attach decals with glue!
4. Make quick release buckle according to drawing, paint matt black, mount with S4, underlay with foam-rubber



Pocher-parts:

**42 Gas cap**

Etched:	Casted:	Decals:	Other:	Screws:
2x A51 16x H26 2x C26			SK-red SM21 SM22	

Sequence

1. Insert screws H26 and locks C26 into gas pcap. Leave A51 in its frame for this step!
2. Polish gas cap A51, then punch it out!
3. Place gas cap into gas tank opening.
4. Glue in gas cap stop to fit (from a piece of cable insulation).
5. Cover joint between insert and body with a piece of red self adhesive foil (SM21 + SM22)!

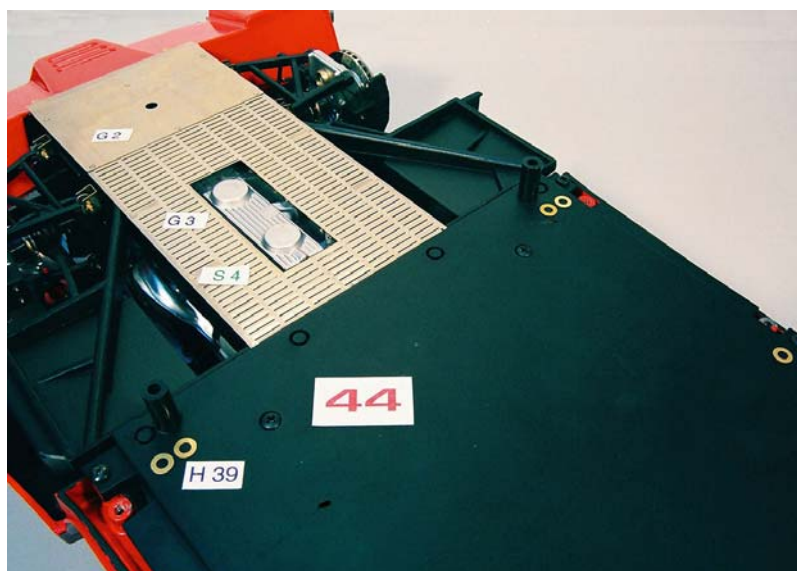
Pocher-parts: **L3****43 Roll bar, gas tanks**

Etched:	Casted:	Decals:	Other:	Screws:
2x F15			foam-rubber SK-Alu Crape	

Gas Tanks:

- Fold the tanks to fit and solder the seams!
„Stitch“ the seams first with single soldeing points, then make the entire soldering seams along the edges.
- Next file the seams smooth and polish!
- Make filler neck from black foam-rubber and SK-Alu according to pattern SM17.
- It should protrude about 25 mm above the upper edge of the tank. Distance between frame and tank sides about 5mm!
- Insert roll bar L3 into seat bucket!

Pocher-parts:

**44 Mounting the chassis**

Etched:	Casted:	Decals:	Other:	Screws:
G3 G2 Oth. H39				

Carefully fit the gap between the rear hood and passenge compartment by putting the spacers H39 between the screwed points of the chassis and the body. The amount varies from model to model. Fit the rear tub X25 by adjusting the set screws (angle) or by moving back and forth. You mitht also possibly have to put more washers B26 at the mounting points of the rear tub, in case the rear tub sits too high and therefore the gap between the rear hoor and the body seems too wide.

Mounting of floor pan (G2+G3) with screws S4!

Pocher-parts: X22, X23, T1, T2, A31, A27, I1, I2**45 Doors**

Etched:	Casted:	Decals:	Other:	Screws:
2x E7		2x DC57		

Sequence:

- 1: File off the superfluous mounting points on the doors and the embossed part numbers (**X22, X23**)!
- 2: Attach decal DC57!
- 3: Glue etched part **E7** onto the inner door panel and file out the panel, retouch and paint red!
- 4: shorten the window frames, deburr and screw it on.
- 5: Glue the cable for opening the door into panel!
- 6: Screw in Pocher hinge parts **A27/A31**! Attention: By exchanging or altering these parts the vertical angle of the doors can be adjusted! For a trial hook in the door without the panel, to test if it locks precisely.
- 7: Glue together the interior panel and the door only after you insert the sliding windows (step **46**) Omit the entire locking mechanism!

Pocher-parts: 4x Decals 8**46 Sliding windows**

Etched:	Etched:	Etched:	Other:	Screws:
C17 C16 C15	C14 2x C20 C19	C12	SK-Crape dbl. sided tape Transp. mat.	38x S4

Sequence:

1. Cut out the Lexan-parts according to the stainless steel templates and drill with exactly the specified diameters! For this attach the templates with the double sided tape and use an extremely sharp scapel! Just indicate the inner contour **C14** by scoring it!
2. Attach the big window pane into the frame with the help of the double sided tape and crape tape!
3. Screw the remaining parts into the window. After fastening the screws, retract each screw half a turn so tension does not deform the pane!
4. Attach inner frame and edge it with **SK-crape**.
5. Apply Pocher decals – in the big window use only the two middle lines of decal **8**!

Pocher-parts:**47 Door locks**

Etched:	Etched:	Decals:	Other:	Screws:
2x D50 2x C26 2x H43	2x E11 2x C5			

Fold the lock parts **D50** in such way that the middle part flips to the inside! To do this put the part onto a vice, so the middle part lies in the opening between the jaws, and push with a pair of pliers (or something like it) exactly into the groove of the middle part!

„Decorate“ the lock with the appropriate screws **S4**! Paint the exterior door release buttons red. Polish the lock (leave in frame for this step) and insert! Polish the mirror inserts **E11** and the Pininfarina sign!

Pocher-parts: D11, D12, 4x A13**48 Mounting the doors**

Etched:	Casted:	Decals:	Other:	Screws:
2x H37 2x H38 12x G20				12x S4

Sequence:

1. Fit the metal parts H37 and H38 carefully, paint them matt black and attach them with screws S4.
2. Screw on the door hinges – paint the covers D11 and D12 before slipping them on!
3. Close the gap between the front tub and the body with a piece of Pocher hose Ø3 mm. Glue on SK-crape as seal!

Pocher-parts: X16, X17**49 Rocker panel**

Etched:	Etched:	Casted:	Other:	Screws:
4x E32 2x E33	2x C5 2x A52	WM45 WM46		4x S4

Sequence:

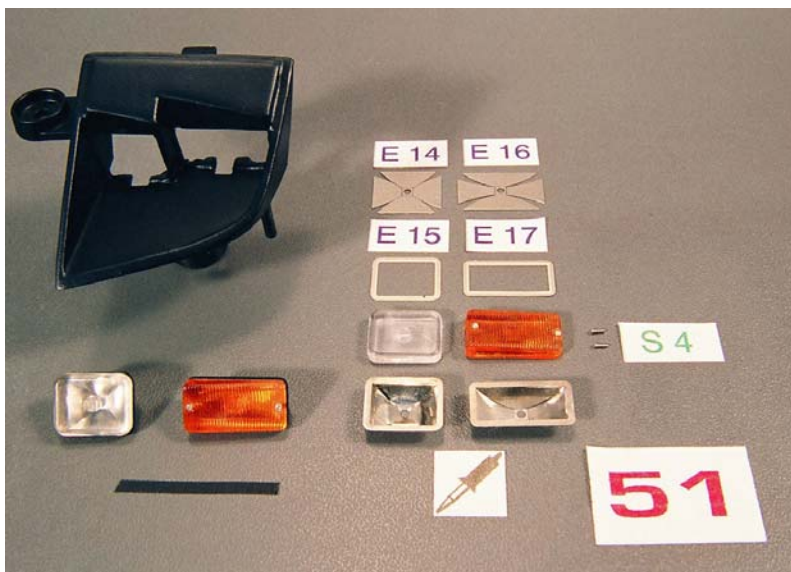
- 1: Carefully fit the pot metal parts WM45 and WM46 and paint them and the rocker panels X16 and X17 red! Fill in the depressions for the Pininfaria sign!
- 2: Brush Pocher parts X16 and X17 matt black!
- 3: Glue together and fold E32 and E33 for stone guard. Possibly reinforce fold with solder points. Paint guard matt black!
- 4: Glue WM45 and WM46 into rocker panel. Attach rocker panel. Glue Pininfaria sign C5 onto backing plate A52 and attach to the proper spot.
- 5: When screwing on the guards watch out that the doors can still be opened without any problem and the screw-on straps are not sheared off.
- 6: You may want to close the gap between rocker panel and body (in the doors) with a strip of red adhesive tape.

Pocher-parts: X20, X21, 2x C24, S7, S8**50 Main head lights**

Etched:	Casted:	Decals:	Other:	Screws:
4x E12 E13			SK-Crape	2x S4

Sequence:

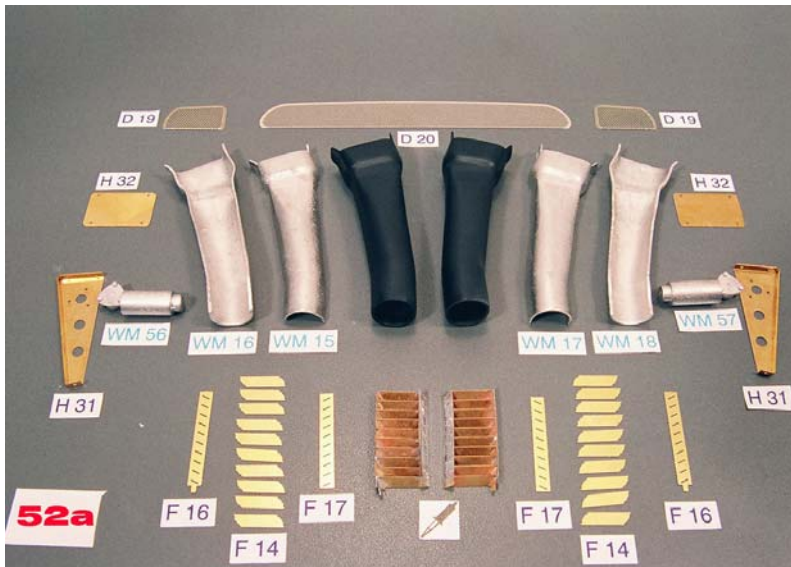
1. Polish etched parts E12 and E13 – leave them in frame:
2. Fold E12, bend E13 into shape over appropriate round stock.
3. Stick straps E13 through openings in B12 and bend them.
4. Solder reflectors from behind.
5. Glue on glass S7 and S8 with black crape tape
6. Insert screws S4 and glue on glass with SK-crape!
7. Insert screw S4 and glue headlights into housings X20 and X21!

Pocher-parts: I3, I4 (alter), 2x S2, 2x G2**51 High beam/flasher**

Etched:	Etched:	Decals:	Other:	Screws:
2x E14	2x E16		SK- crape	2x S4
2x E15	2x E17			

Sequence:

1. Polish etched parts E14 and E16 – leave parts in frame!
2. Solder reflectors – bend E14 and E16, Insert from behind into frames E15 and E17 and fasten with small solder points!
3. Clip off holding strips on the glass, insert screws S4 and glue on glass with SK- crape!
4. File out Pocher I2 and I4 so the reflectors can be inserted flush.

Pocher-parts: F3, F4, I3, I4, 3x A26, A30, 2x Z7, 2x Z11 (alter), Decals 9**52a Additions, hood front**

Etched:	Etched:	Casted:	Casted:	Screws:
20x F14	2x H31	WM15	WM56	
2x F16	2x H32	WM16	Wm57	
2x F17	2x D19	WM17		
	D20	WM18		

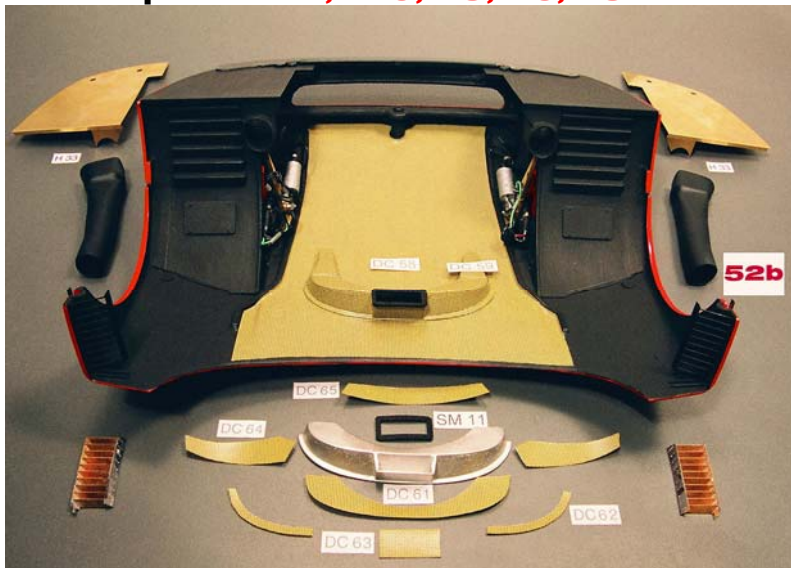
Grilles in front fender:

Assemble the grilles on a piece of double sided tape to fix the parts while soldering! First fit the outer parts F17 to the slight curve in the body! Caution – watch out that the angle of the ribs is in the right position!

Silder together F16 and F17 with the top and bottom rib to form a frame. Then insert and solder rib after rib!

Air ducts:

Fit the two halves of the air ducts, glue them together, refinish and paint matt black!

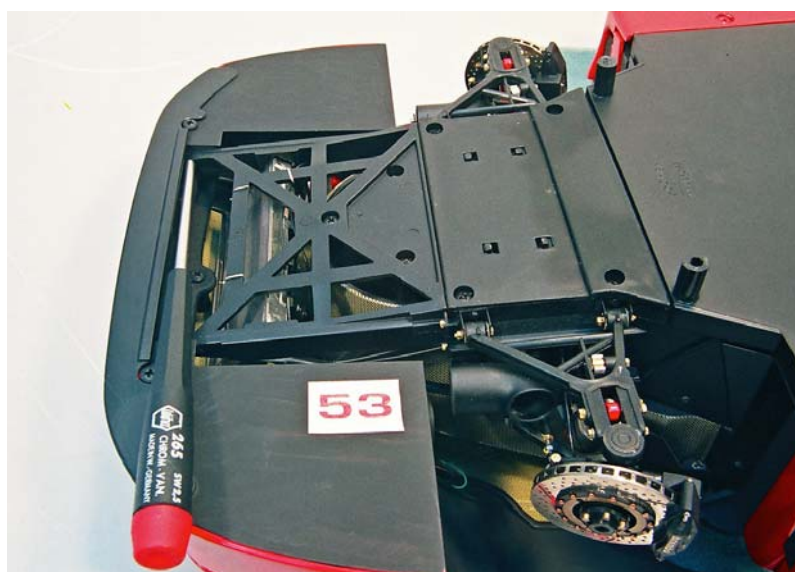
Pocher-parts: X24, X19, N5, N6, 18**52b Front hood**

Etched:	Decals:	Decals:	Other:	Screws:
2x H33	DC58	DC58	SM11	sev. S4
	DC59	2x DC64	foam- rubber	
Casted:	DC61	DC65	black	
WM58	2x DC62			

Sequence:

1. After painting brush the hood matt black!
2. Insert headlights, glue in grille D19, D20! File out Pocher parts N5 and N6 in a way that the air ducts can be inserted – simultaneously fit etched parts H33!
3. Insert Pocher hose Ø3 into hinge - serves as seat for the screws in front frame extension!
4. Glue in Pocher N5, N6 and the air ducts!
5. Glue on etched parts H33, screw together Pocher spoiler I8.
6. Glue on decal DC58.
7. You might file open WM58, then paint matt black, insert and apply decals.
8. Build in additions into front hood and wire it.

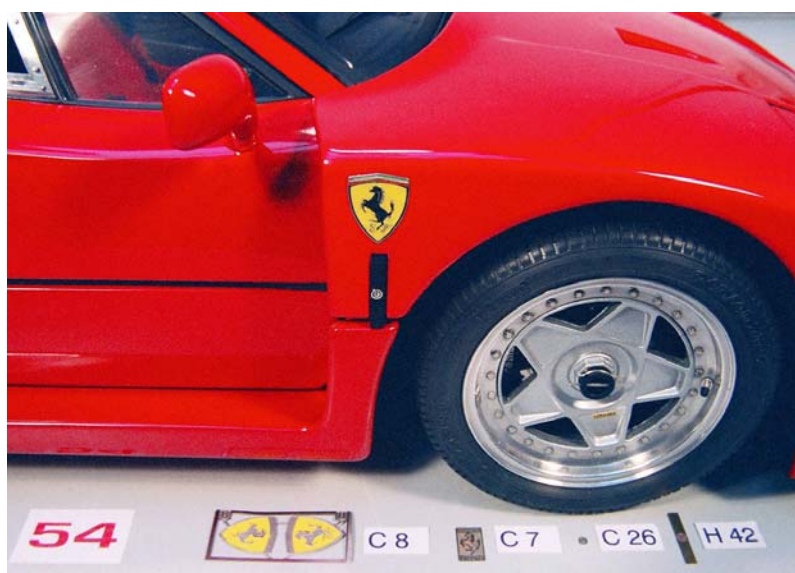
Pocher-parts:

**53 Mounting the hood**

Etched:	Casted:	Decals:	Other:	Screws:

Sequence:

1. Loosen floor pan!
2. Hook in the fixed part of the hood hinge, turn back the screw on the other side all the way!
3. Tighten screw into rubber seat of step **52**!
4. Close hood careful, watch for interfering added parts, modify if you have to!
5. Screw on floor pan again!
6. If desired insert a stop for opening the hood made from screwed on nylon threads – see original photo!

Pocher-parts: **2x A12 (alter)****54 Emblems, hood locks**

Etched:	Decals:	Casted:	Decals:	Screws:
2x C26 2x H42	2x C8 C7			

Emblems

1. Fill the emblems with appropriate paint – thin the paint extremely so it flows into the recesses almost by itself. Repeat if it covers poorly!
2. Polish the parts with 600 wet emery paper down to the metal! The dividing lines become visible again!
3. Cover the emblems with a thick layer of clear lacquer or Epoxy resin!
4. Glue on after drying!

Hood locks:

1. Clip off sprues on Pocher parts **A12**!
2. Paint attached parts **A42** matt black, glue on!
3. Polish and glue on locks **C26**!
4. Insert hood fasteners!

Pocher-parts: **W1, Decals 27, 28, 29****55 Wheels (orig. Speedline)**

Etched:	Etched:	Casted:	Other:	Screws:
C21 sev. A50 100x A1	I6 (var.) I15 (var.)	4x WM5	2xrim fr. 2xrim r. 4x T17	4x S4

Sequence:

1. Polish aluminium rim (ex. Autosol)!
2. Insert template **C21** (don't glue), glue in wheel lugs **A1**, remove template!
3. Paint star shaped wheel centre **WM5** silver and glue it in!
4. Attach balancing weights **A50** and valve (screw **S4**)!
5. Dull the Pocher tires, mount!
6. Mounting of the wheels with central locking nut **T17**, possibly correct track-width with etched parts **I6** or **I15**
7. Push in cotter-pin through 1 mm hole in the hubs – do not glue!

Pocher-parts:



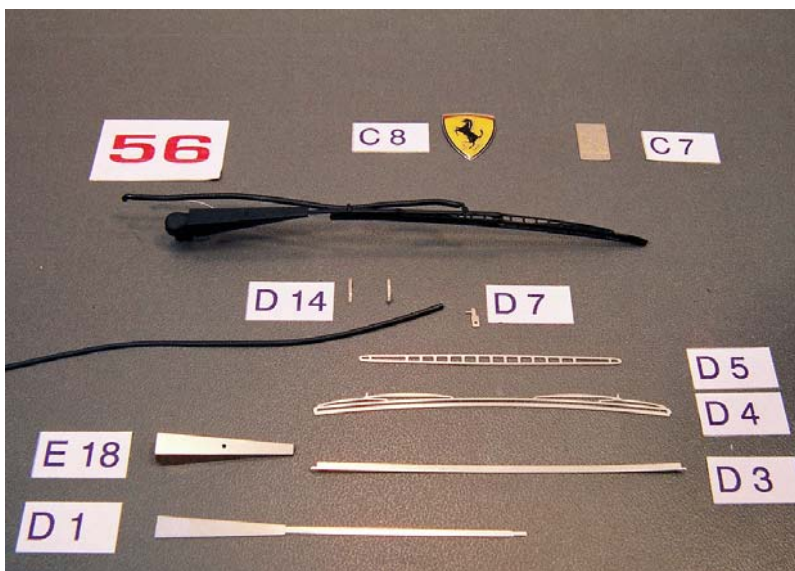
55a OZ-wheels

Etched:		Decals:	Other:	Screws:
Sev. A50		8x AG11	2x rim rear	4x S4
Poss. sev. I6		4x AG12	2x rim front	
Poss. sev. I15			SK-Alu	
4x A30			4x T17	

Sequence:

1. Deburr the CNC-machined wheels carefully, then paint (matt white or silver)
2. Attach decals, screws S4 (as tire valves), balancing weights A50, put SK-Alu over the weights to secure them, dull the tires and mount
3. Mounting of the wheels with central locking nut T17, possibly correct track-width with etched parts I6 or I15
4. Push in cotter-pin through 1 mm hole in the hubs – do not glue!

Pocher-parts: A19 (alter), D8, D16, D7, D15, Mirror



56 Wind shield wiper, emblem

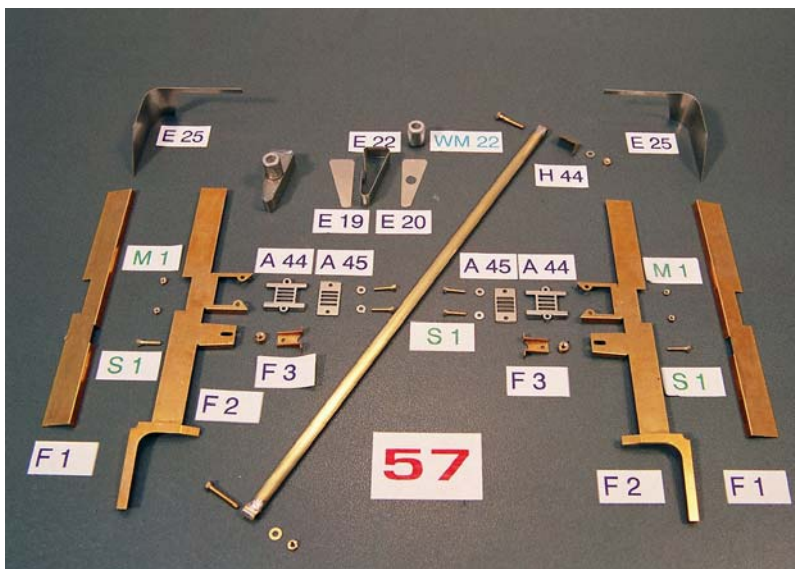
Etched:	Etched:	Etched:	Etched:	Etched:
D1	D4	D7	E18	poss.
D3	D5	2x D14	C7	2x E11

Wind shield wiper:

1. Clip off Pocher wind shield wiper A19!
2. Solder wind shield wiper together from etched parts – for this leave part D4 in frame, cut only after finishing.
3. Glue wind shield wiper onto Pocher stub A19, paint matt black, insert!
4. Drill holes for water line in window frame, insert lines!
5. Emblems: See step 54!

Mirrors: If using Autograph mirror E11 they must be brought to a high polish!

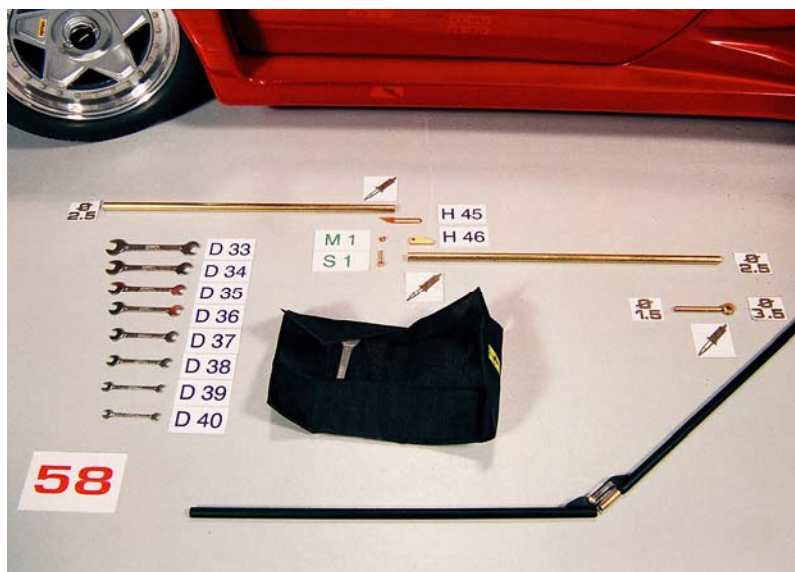
Pocher-parts: W1, Decals 27, 28, 29



57 Engine Compartment - Additions

Etched:	Casted:	Decals:	Other:	Screws:
2x F1	E20	WM 22	1x MPØ3	6x S1
2x F2	E22		2x MB2	6x M1
2x F3	2x A44	Etched:		2x M2
2x E25	2x A45	sev. G20		2x S2
E19	H44			

- Fold longitudinal brace covers according to photo, paint matt black, glue on first F1 then F2.
- Solder together overflow container from E19, E20 and E22, glue on filler neck WM22, paint matt black, put on cover W1!
- Diagonal bar Ø3, length between bosses 135 mm
- Wire the electrical modules (A45, A44) according to photo, screw into mounts!
- Glue third mount for oil cooler (F3) to fit and screw together!
- Shape the covers E25, paint matt black, glue in!
- Finished addition see photo 59!

Pocher-parts:**58 Tool bag, hood support rod**

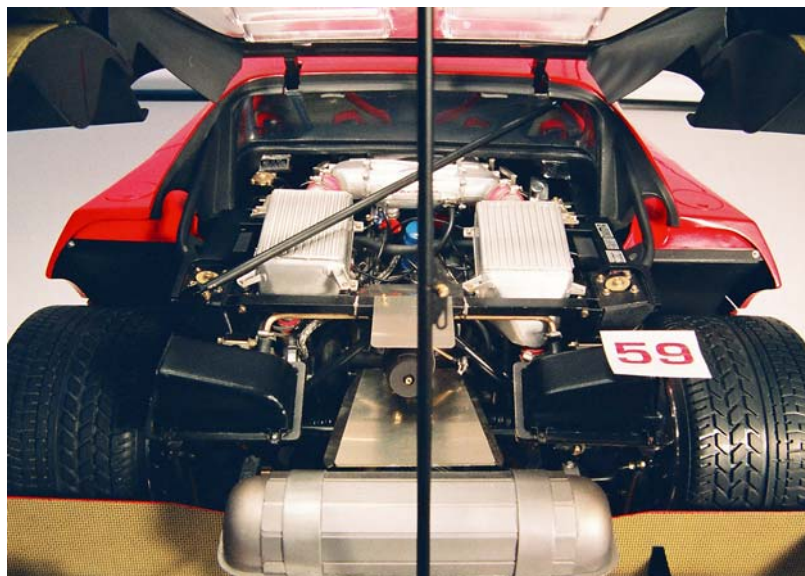
Etched:	Etched:	Other:	Other:	Screws:
D33 to D40	H45 H46	SM12 to SM16	2xMRØ2,5 2xMPØ1,5 MB5	2xM1 1xS1

Tool bag:

1. Make fabric parts according to patterns **SM12**, **SM13** and **SM14**, border the edges with **SK-crape**!
2. Pull templates off, and cut out double sided tape according to template **SM15** and **SM16**!
3. Glue bag together, attach Pocher decal and clasp (**SM16**)! Polish open-end wrench, glue!

Hood Support Rod

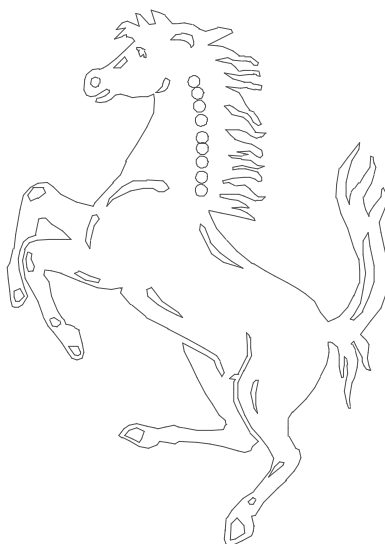
1. Cut two brass rods Ø2,5, L=97 and 92 mm to length!
2. Solder together rod L=97 with part **H46**, L=92 with **H45**!
3. Glue short rod Ø1,6 into L=92, screw the parts together in such a way that the support rod folds together. Paint while folded!
4. Solder together support well from brass bushing **MB5** and rod Ø1,5 mm and screw onto rear tub mount!
5. Insert hood support rod!

Pocher-parts: Decal 30**59 Engine compartment completion**

Etched:	Casted:	Decals:	Other:	Screws:
2x B33			SK-crape	2x M2 2x S2

- Attach Pocher Decal 30 at the appropriate spot on the partition wall (see original photos), first glue on heat protection foil!
- Mask connecting areas between body, window and partition wall with black paint!
- Insert diagonal bar, screw together, glue upper mount!
- Glue reinforcement metals **B33** into brace triangles on screwed joint of upper shock absorber!
- Glue overflow container for radiator water to left longitudinal brace (see original photos)!

Finally finished!!!



Supplement A: TIPS FOR ASSEMBLING TECHNIQUES**1. Sequence of Building Steps**

The numbers in the Autograph building instruction generally refer to the Pocher building steps 1 to 59. To achieve more clarity we had to additionally subdivide many of the steps. We gave new subject-matter to some others.

So you should work parallel according to both building instructions. We listed the needed Pocher parts for each building section, nevertheless they are not separately designated in the photographs.

Should any Pocher parts have to be altered, we documented this with photos or drawings. So first glue the included photos of the building steps into the indicated positions in the manual.

2. Working with Glue

For most of the gluing steps we recommend Cyanacrylat in liquid or gel form. Which of the two kinds you use depends upon your personal preference, or respectively the purpose. There are also a lot of differences in the quality of Cyancrylat. We recommend Loctite glue. On the one hand we had good results with this brand when it comes to the strength of the contact areas, on the other hand Loctite fast-glue has very little tendency to ‚blossom‘. By this we mean a white residue that forms more or less pronounced around the contact area depending on the humidity.

This residue usually results from the excess use of glue. The problem cannot be avoided entirely, especially with the glue in gel form. Nevertheless there is a way to correct this problem subsequently: With ‘Armor-All‘! This is a product from the automotive sector, which adds brilliant shine to many different kinds of artificial surfaces. Apply it with a small brush to the affected area and the blemish will vanish permanently.

Furthermore you need a 2-step Epoxy glue. Here, too, we can make a recommendation: Pattex Kraft-Mix by Henkel. Aside from high transparency this glue stands out for its relatively short reaction times, which is necessary in certain cases when you want to continue your work immediately. In the building instructions we separately referred to the use of 2-K (2-step) Epoxy glue whenever necessary. We did this mainly for reasons of durability on heavy duty contact areas. Another hint on this subject: Cut off the excess of 2-K glue with a sharp scalpel, as long as the glue has not totally hardened, i.e. is still ‘leathery‘.

For the gluing of plastic to plastic‘, as for example the engine-housing we use a model-construction glue that softens the surface. This has the advantage that slight inaccuracies on the surface of the parts to be glued, will be evened out, because the glue dissolves the surfaces and practically ‚welds‘ the parts together. We use Revell Contact Professional. It comes with a thin metal tube with which one can reach inaccessible spots.

Finally, you should mix small quantities of wallpaper glue for applying the decals. It is applied to the surfaces which will hold the decals. This way you can still move the decals after you apply them. It is important that the paste is totally set and also free of lumps. The mix should not be too thick, otherwise you get irregularities in the surface. For attaching decals to textile surfaces, we strongly recommend a special decal glue, which is obtainable in specialised model shops. Otherwise the decals probably will fall off after drying. You find more tips about decals in the section: ‚attaching of decals‘

Supplement A: TIPS FOR ASSEMBLING TECHNIQUES**3. Soldering**

Should etched parts have to be joined together it is unavoidable to solder the parts together. This results in a clearly more long-lasting bond, as opposed to gluing the parts together. Additionally, if it is desired, one can shape the soldered seams in such a way that they appear like miniature welded joints, achieving a very realistic effect.

Soldering itself, as long as one observes some basic rules, is not particularly difficult. One of the essential points is the right equipment: The soldering iron being used should on the one hand be strong enough to heat even large parts quickly, and on the other hand the tip should be fine enough to solder small parts to each other. What looks like a contradiction at the first moment can be resolved with an electronic solder station (holder and regulator). A further advantage of those solder stations is their adjustability. The temperature of the soldering tip can be variably adjusted over a wide range. While you shop for it watch for a delivery of at least 50, better even 80 Watts! As shape for the tip we recommend a 'pencil tip'.

Soldering technique:

First rule: All parts to be soldered have to be absolutely clean. Rub the seams with fine steel wool. Left over glue (and anything else) have to be entirely removed. Then you brush the area to be soldered with soldering water (flux) from the included bottle. This helps the solder to flow better.

After the preparations which are always necessary, we distinguish several working techniques, whose applications depend on their purpose. First there is the possibility to apply solder to each part separately, then to bring them together and reheat them, so the two solder layers can flow together. We recommend this technique when you have point soldering, where the entire soldering area can be liquified again. This is not useful for larger soldering areas, since the parts, necessitated by the two solder layers, can never be precisely fit together again.

A further possibility is to 'fix' the parts while they are 'dry', to consequently brush the parts with soldering water and to heat them so the solder flows into the gap through capillary action. This is recommended especially for long soldering seams, for example the soldering of the gas tanks. First one can 'stitch' the parts together with soldering points to prevent any shifting. The fixing of parts can be achieved through adhesive tape, by hand with tweezers or pliers, or by clamping them into a vice. But pay attention that not too much heat is transferred – in the vice you should heat-insulate the parts with leather.

Second rule: The soldering tip has to be absolutely clean! Therefore you should use a soldering tip that does not require frequent filing but instead can be cleaned by simply wiping it with a wet sponge. Should a burned layer form after prolonged use, you can quickly and reliably remove it with flux.

Third rule: The soldering point should be heated rapidly and uniformly, so the solder quickly reaches its melting point without burning. This happens, when you use a small drop of solder as 'heat conductor'. Try it out: Try to heat a piece of the plate edge with the soldering iron. When you place some solder between the soldering tip and the part, the metal reaches the soldering temperature considerably faster!

Fourth and last rule: Soldered parts have to be cleaned subsequently to remove scale and residue from flux! Regrettably this is quickly forgotten. But after a few days the unpleasant result is more obvious: The metal parts around the soldering area are corroding because of aggressive additives in the flux which attacks the metal. Therefore rinse each soldered area with clear water, so that the acid residue of the evaporated flux will be dissolved and washed away. If one paints (seals) parts immediately after soldering, brushing the parts with a soft brass brush will be sufficient.

Since all theory is grey we recommend several soldering tests before you start on your project. For this purpose use the frames of the plates. All materials can be easily soldered to each other.

Supplement A: TIPS FOR ASSEMBLING TECHNIQUES**4. Folding (Bevelling) of the Parts**

Many of the etched parts have to be folded. We conceived the parts in such a manner that the etched folding lines are generally on the inside. This means, that you have to fold the metal along an etched groove toward the side of the groove. The groove will disappear almost entirely at a 90 degree fold on the inside of the angel. In this way you achieve an outer radius with sharply defined edges, without distracting interruptions of the surface.

For the folding itself we use a vice for long edges, in other instances flat-nosed pliers (Hint: Knipex Nr. 32 41 135). Should a part require multiple folding you should think about the separate steps before hand. This way you can avoid an already completed fold interfering with a subsequent one, as you cannot clamp it into the vice! The rule of thumb is to first fold the long edges, then the shorter ones.

5. Paints

Almost every model builder has his own advice for the use of certain model paints. Therefore we don't want to treat this subject in detail but simply tell you which kind of paint we used for the model in these instructions: you will hardly believe it, but the entire model, except for the shadings on the muffler parts, has been painted with spray cans! Even the exterior red colour came out of a spray can! Nevertheless, to achieve such an extremely shiny layer of paint you need a good amount of experience and well working ventilation (exhaust fan) of the paint mist. If you don't have enough confidence to do this yourself we recommend to ask the nearest body shop whether they can paint a Ferrari! Once the boss finds out you are talking about a model the estimate will be considerably lower. Another piece of advice concerning paint: We use guards-red as the exterior colour. This colour, as opposed to the normally used Rosso-Corsa is also available as a spray. Furthermore, the original Ferrari-red always appears too brownish on the models!

About the shading of the muffler pipes: If you posses an airbrush these intricate colour blends are not a problem. Use so-called 'Metalizers' for it. These are thinly mixed metallic paints for the airbrush which have to be polished after the application and thus achieve an astonishingly realistic metal effect. You can get these paints from different manufacturers. We use the American Model Master Paints by Testors, distributed by Italieri. Furthermore these paints can be mixed with normal synthetic resin model paints.

For painting of the engine and other mechanical parts we use the usual acrylic sprays from the automotive sector, which are available in various colours.

6. Patterns on Self-adhesive Paper

We added a number of patterns to the kit which are printed onto self-adhesive paper. Work with the patterns as follows: After cutting them out, pull the protective paper off the pattern and stick the template onto the back of the material to be cut out. Now cut out the material together with the template along the outer edges. Use a pair of scissors or a sharp scalpel. Now the template can be pulled off the back and you are left with the cut-to-size material. When you work with the adhesive aluminium foil it is best to pull off the template together with the protective backing.

When gluing the boot of the hand brake lever take care that you glue the leather together at the front. After the glue has dried turn the boot inside out so the glued seams are on the inside.

Supplement A: TIPS FOR ASSEMBLING TECHNIQUES**7. Applying the decal surfaces**

The Decal-Kevlar material has to be cut into the proper shape before it can be applied – for this purpose we put cutting lines on the back side of the decal sheets. For best results use a scalpel for cutting. To detach them add a squirt of vinegar and a little squirt of dish-detergent to the water. Vinegar softens the decals and the detergent reduces the surface tension of the water.

Before attaching the decal you should apply a thin layer of wallpaper paste to the surface they will be attached to (see glue section). This way you can correct the position of the decals after attaching them and the adhesion to surface is strengthened.

We recommend that you rub each decal after attaching it with a brush and to remove surplus wallpaper paste with a Q-tip. Afterwards you should dry it with a blow-dryer. If you heat it sufficiently you will observe that it will adhere to all the indentations and uneven spots on the surface as if guided by an invisible hand. If you simultaneously rub it with a soft brush the decals can be pulled over curved surfaces – which is a special advantage when applying it to the bucket seat. Do not use too much heat – when the decal begins to bubble it is more than necessary to remove the heat blowing device.

Necessitated by the property to show underlying surface structures, you have to prepare the surfaces thoroughly. Pay attention to an absolutely clean surface without any irregularities. Therefore you should grind out the embossed part's identifications, as on the doors or the front hood, down to the surface and then polish it.

Should a mistake occur while applying the Kevlar surfaces and some of the material should tear off, it will not be a big problem. Cut out a matching piece from of the same sheet and place it over the bad spot. Shift the new piece into place so that it matches the pattern material; you will hardly notice it afterwards.

8. Lining with nylon stocking material

Bucket seats, dashboard, middle console and fire wall toward the engine should be lined or covered with nylon stocking material. It achieves a rather realistic effect. Especially on the seats the covering will look fantastic, provided that the work has been done neatly.

Use spray-glue for this step! Spray both surfaces thinly, place the cover carefully and rub it thoroughly! With the seats you can spray the entire bucket, with the fire wall you have to mask part of the shell. We can also recommend a glue: We achieved good results with Uhu spray-glue. It dries clear and retains its adhesive capability for some time after its pulled off a part, as long as you use it on both surfaces. You will be forced to work at a quick pace but you will have enough time to pull off an already glued cover and correct it.

Due to the flexibility of the stocking material rounded surfaces can also be covered easily without having to make incisions into the material. Nevertheless you should not glue the material with too much tension recommend that you spray the instrument panel and the middle console with black paint, just like the fire wall of the inner shell.

Should you have little experience with such an 'upholstering job', we also recommend a few test pieces to try out this technique.

Supplement B: Part assignments

1. Casted white metal parts:

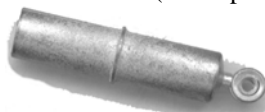
WM1 Amount: 2
Shock abs. fr. (lower part)



WM2 Amount: 2
Shock abs. fr. (upper part)



WM3 Amount: 2
Shock abs. re. (lower part)



WM4 Amount: 2
Shock abs. re. (upper part)



WM5 Amount: 4
Wheelstar



WM6 Amount: 4
Distance ring in Brake disk



WM7 Amount: 2
Flange for rear Brake disk



WM8 Amount: 2
Flange for front Brake disk



WM9 Amount: 1
Boss for Steering wheel



WM10 Amount: 2
Centering pin for Hood



WM11 Amount: 2
Connecting rubber



WM12 Amount: 2
Air jet in Dash board



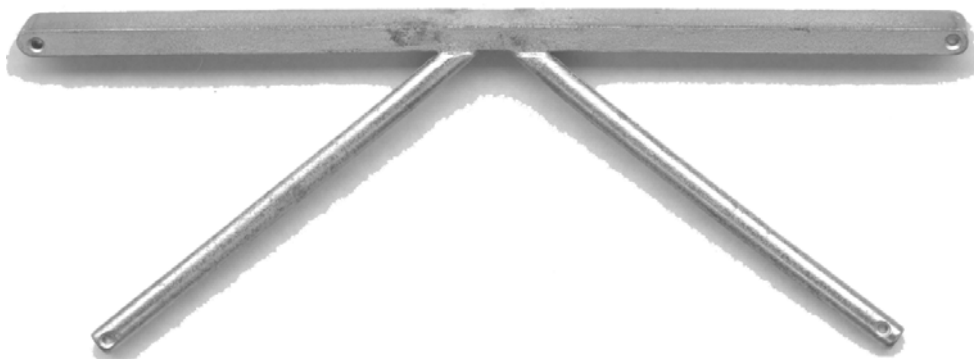
WM13 Amount: 2
Brace for A-arm mounting



WM15 Amount: 1
Air duct for brake-cooling left (upper part)



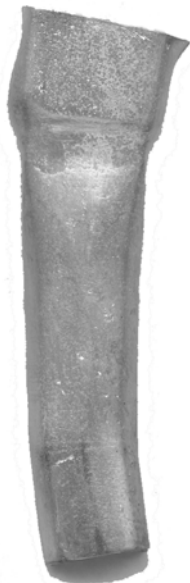
WM14 Rear tub brace Amount: 1



Supplement B: Part assignments

1. Cast white metal parts:

WM16 Amount: 1
Air duct for brake-cooling
left (lower part)



WM17 Amount: 1
Air duct for brake-cooling
right (upper part)



WM18 Amount: 1
Air duct for brake-cooling
right (lower part)



WM19 Amount: 2
Flange on Air filter



WM20 Amount: 2
Lever for Harness Release



WM21 Amount: 2
Disk for Cooling fan



WM22 Amount: 1
Filling neck of coolant
reservoir



WM23 Amount: 2
Tie rod heads



WM24 Amount: 2
Fitting for oil cooler



WM25 Amount: 2
Fitting for oil tubing at
transmission oil cooler



WM26 Amount: 1
Fitting for oil tubing at
tank



WM27 Amount: 1
Fitting for oil tubing at
sump



WM29 Amount: 1
Fitting for oil tubing at
engine housing



WM30 Amount: 2
Water duct at cylinder
bank



WM28 Amount: 1
Oil tubing



WM31 Amount: 1
Junction pipe to water ducts



WM32 Amount: 1
Oil thermostat



Supplement B: Part assignments
1. Cast white metal parts:
WM33

Amount: 2

Injection tubing at cylinder bank


WM35

Amount: 1

Aeroquip-fittings


WM36

Amount: 2

Stabilizer fixing


WM34

Rear frame extension

Amount: 2


WM37

Amount: 1

 V-fitting (Water tubing
Motor/charger)

WM38

Amount: 1

Pressure regulator right


WM39

Amount: 1

Pressure regulator left


WM40

Amount: 4

Injection nozzles


WM41

Amount: 2

 Bended fitting (Oil tubing
Turbocharger/engine)

WM42

Amount: 2

 Bended fitting (Tubing
filter/turbocharger)

WM43

Amount: 1

Fitting at oil filter


WM44

Amount: 1

Fitting at engine housing


WM45

Amount: 1

Insert in rocker panel X16


WM46

Amount: 1

Insert in rocker panel X17


WM47

Amount: 1

Insert in Panel X14 right


WM48

Amount: 1

Insert in Panel X14 left


WM49

Amount: 2

Brake cooling duct part 1


WM50

Amount: 2

Brake cooling duct part 2


WM51

Amount: 2

 Fitting for water tubing at
turbocharger

WM52

Amount: 3

Aeroquip-fittings


WM53

Amount: 2

Aeroquip-fittings



Supplement B: Part assignments
1. Cast white metal parts:

WM54 Amount: 1
Connecting tube Turbocharger/air filter left



WM55 Amount: 1
Connecting tube Turbocharger/air filter right



WM56 Amount: 1
Motor for right headlamp



WM57 Amount: 1
Motor for left headlamp



WM58 Air duct in front hood for ventilation Amount: 1


2. Other parts:

T1 Amount: 2
Piston bar for shock absorber (rear)



T2 Amount: 1
Cap on Oil tank



T3 Amount: 1
Screw M 1,7 SW 3,0



T4 Amount: 2
Fixing screw for Rear tub M 2,0 x 16



T5 Amount: 2
Piston bar for shock absorber (front)



T6 Amount: 5
Plastic cylinder Ø7



T7 Amount: 100
Rivets Ø1 x 5



T8 Amount: 2
Nut M1,7 SW 3,0



T9 Amount: 6
Washer Ø9 / 4,2



T10 Amount: 15
Collar sleeve Ø4,5 for pressure tubing



T11 Amount: 15
Collar sleeve Ø3,0 for pressure tubing



T12 Amount: 2
Nut M2 SW 4,0



T13 Amount: 1
End tube of Exhaust pipe (middle)



T14 Amount: 2
End part of pressure tubing at transmission



T15 Amount: 2
Hub front wheel



T16 Amount: 2
Hub rear wheel



T17 Amount: 4
Wheel nut



T18 Amt: 8
Eye bolt



T19 Amount: 1
Gear lever (stainless profile EP1.5)

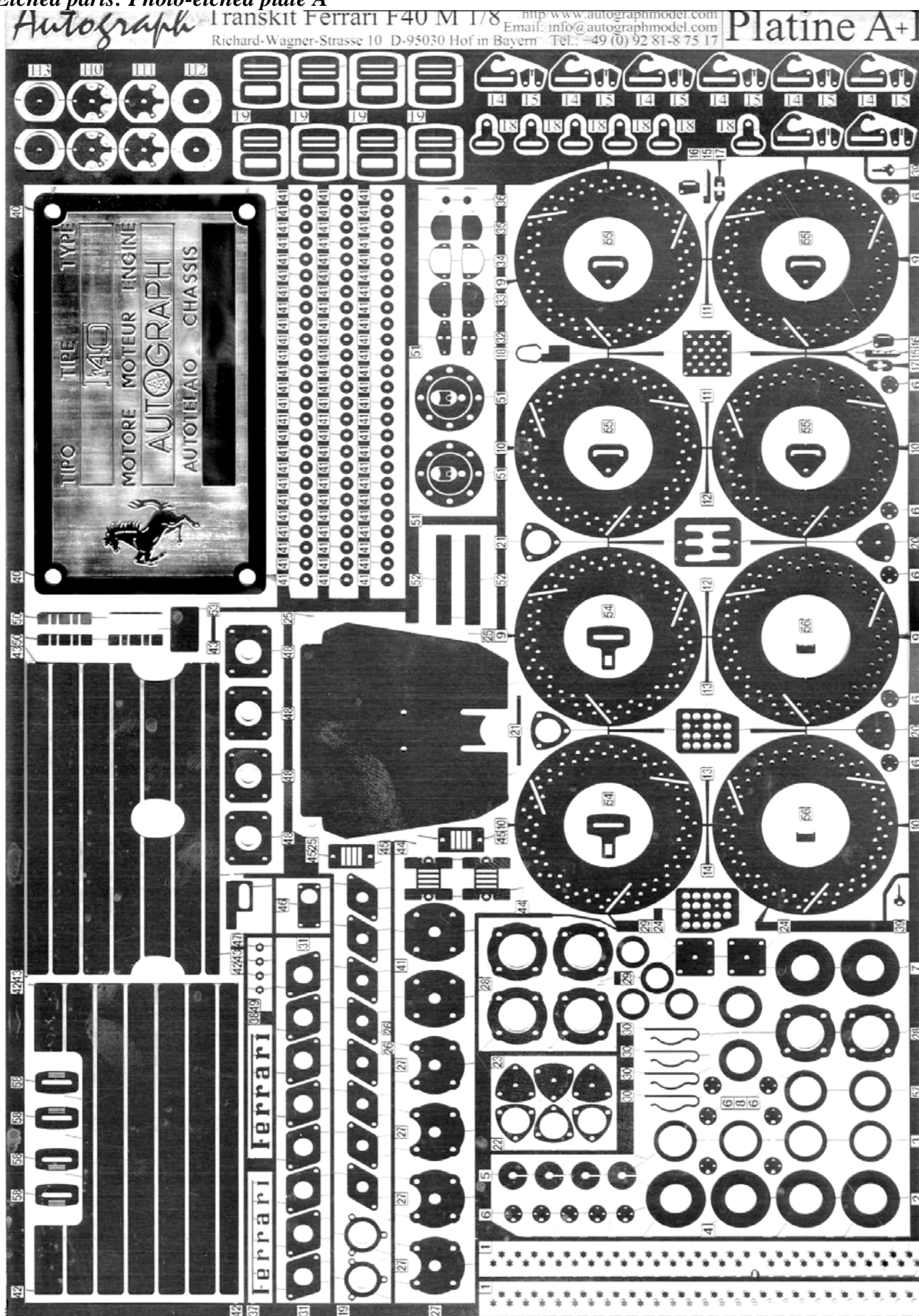


T20 Amount: 8
intake-manifold part



Supplement B: Part assignments

3. Etched parts: Photo-etched plate A



Supplement B: Part-assignments

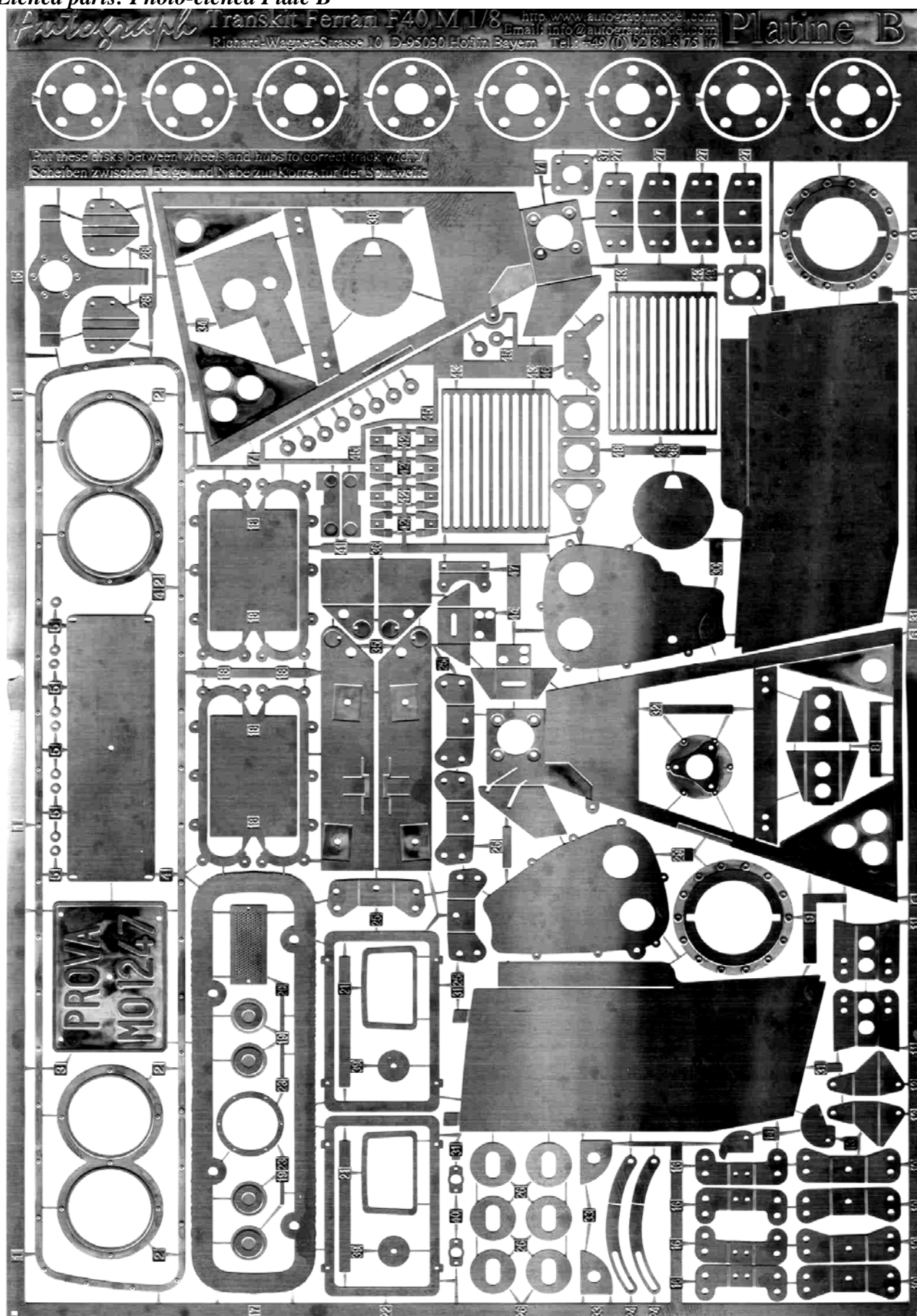
3. Etched parts: Photo-etched Plate A

Material: Nickel-silver, thickness 0,3 mm

part #.....	Name	Amount
1	Torx wheel lug	106
2	Spring plate for shock absorber rear, bottom	2
3	Spring centering device – shock rear low, rear top	4
4	Spring plate for shock absorber front, bottom	2
5	Connecting rod gasket	4
6	Eccentric cam ring for frame bar front + rear	9
7	Spring plate for shock absorber front, top	2
8	Spring centering device – shock front top	2
9	Brake disc left half	4
10	Brake disc right half	4
11	Perforated sheet metal clutch housing vent	1
12	Shift pattern (console)	1
13	Metal pad – brake pedal	1
14	Metal pad – clutch pedal	1
15	Ignition key – key bit	2
16	Ignition key – key handle	2
17	Ignition key – key hinge	2
18	Key ring – middle part	1
19	Turbo-flange/exhaust pipe	2
20	Flange bypass pipe – screw-on part	2
21	Flange bypass pipe - union	2
22	Flange exhaust pipe – union	3
23	Flansch exhaust pipe – screw-on part	3
24	Turbo-flange – screw-on part	2
25	Heat shield above exhaust	1
26	Intake manifold flange/cylinder head	8
27	Spring plate for shock absorber rear, top (upper part)	6
28	Spring plate for shock absorber rear, top (lower part)	6
29	Covering over cotter pin	4
30	Cotter pin	4
31	Flange exhaust manifold / cylinder head	8
32	Potentiometer for butterfly valve – part 1	2
33	Potentiometer for butterfly valve – part 2	2
34	Potentiometer for butterfly valve – part 3	2
35	Potentiometer for butterfly valve – part 4	2
36	Potentiometer for butterfly valve – part 5	2
37	Ferrari-script	1
38	Ferrari-script (reinforced version)	1
39	Hood pins (Keys)	2
40	Model designation plate	1
41	Washer 3/1	75
42	Noise suppressor sleeve for exhaust – upper part	1
43	Noise suppressor sleeve for exhaust – lower part	1
44	Electrical module - part 1	2
45	Electrical module - part 2	2
46	Cover for clutch bell-housing - right	1
47	Cover for clutch bell-housing - left	1
48	Support plate for engine clamping devices	4
49	Nut for tire valve	4
50	Balancing weights for rims	4
51	Gas cap	2
52	Backing for Pininfaria sign	2
53	Backing for Ferrari sign (front hood)	1
54	Seat belt buckle	2
55	Mounting ring for seat belt	4
56	Release button for seat belt	2
57	Coil centering ring – shock front, low	2
58	Face for seat belt buckle	4
14	Anchor for harness, part 1	8
15	Anchor for harness, part 2 (spring clip)	8
18	Harness buckle	8
19	Ring for harness (big)	8
110	Quick release buckle (part 1)	2
111	Quick release buckle (part 2)	2
112	Quick release buckle (part 3)	2
113	Quick release buckle (part 4)	2
		total: 370

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate B

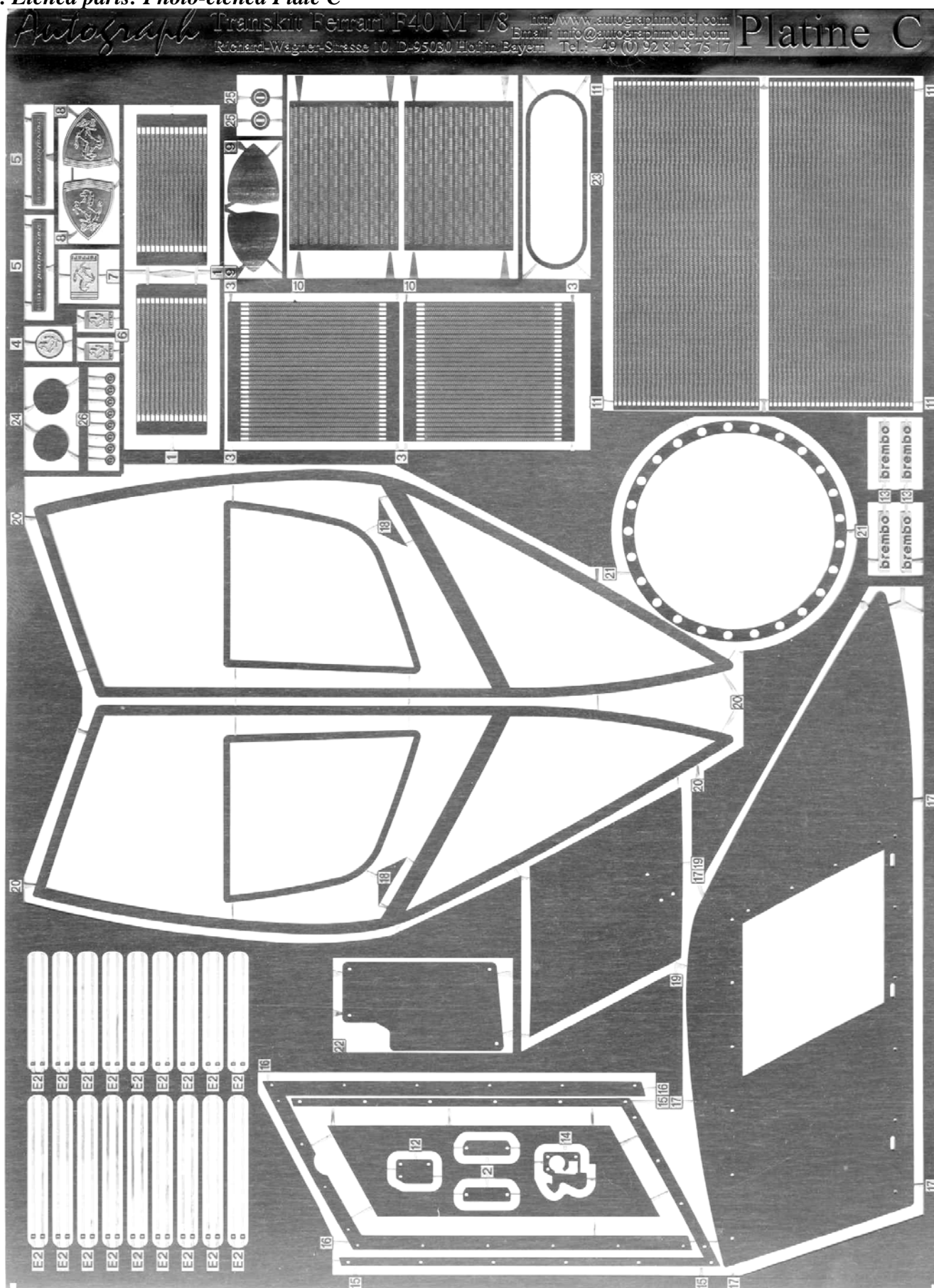


Supplement B: part-assignments**3. Etched parts: Photo-etched Plate B****Material: Brass, thickness 0,3 mm**

Part #	Name	Amount
1	Riveted frame for rear grille	1
2	Tail light ring	2
3	License plate PROVA 1247	1
4	Backing for license plate	1
5	Washers for license plate backing	8
6	Frame part engine compartment with shock retainer, rear left	1
7	Frame part engine compartment with shock retainer, rear right	1
8	Reinforcement metal for shock retainer, front top	2
9	Notched brake disk face plate, front	2
10	Bracket for A-arm, front top	4
11	Swing arm retainer, front top	2
12	Bracket for cross brace engine compartment, top	2
13	Right metal bracket, bottom, for diagonal brace engine compartment	1
14	Left metal bracket, bottom, for diagonal brace engine compartment	1
15	Steering wheel spoke	1
16	Bracket for A-arm, rear top	4
17	Muffler flange	1
18	Intake manifold flange	4
19	Cover for axle stub joint	4
20	Perforated sheet-metal for intake duct, interior ventilation	1
21	Intake opening for air filter	2
22	Frame air-filter	2
23	Box end (hex bolt) for waste-gate valve	1
24	Clamp for generator and air -conditioning compressor	2
25	Bracket for A-arm, front bottom.....	4
26	Washer with elongated hole for rear shell (levlling)	6
27	Bracket for A-arm, rear bottom	4
28	Bottom bracket for engine compartment crossbars	2
29	Cover cam drive left	1
30	Cover cam drive right	1
31	Rear tub – front wall (face plate).....	2
32	Box end (hex bolt) for waste gate valve (rear side)	1
33	Metal grate for frame brace C-column/longitudinal brace	2
34	Templates for section part X14 (swing arm retainer, rear top).....	1
35	Base plate for suspension, front top exterior part	2
36	Base plate for suspension, front top interior part.....	2
37	Flange bypass valve / exhaust pipe	1
38	Gas cap	2
39	Washer diameter 1,2/7 mm (shock rear top)	2
40	Sheet metal for hood centre alignment, top.....	2
41	Flange-metal for frame front	2
42	Bracket for air-filter	8
43	Flanges for heat exchanger	
44	Plate for exhaust bracket	2
45	Washer diameter 1,4/3,5 mm	10
46	Bracket for bypass valve (transmission side)	1
47	Bracket for bypass valve (valve side)	1
48	Flange for bypass valve	1
49	Flange for bypass valve (backing)	1
.....	Distance rings between wheels and hubs.....	8
		gesamt 122

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate C



Supplement B: part-assignments

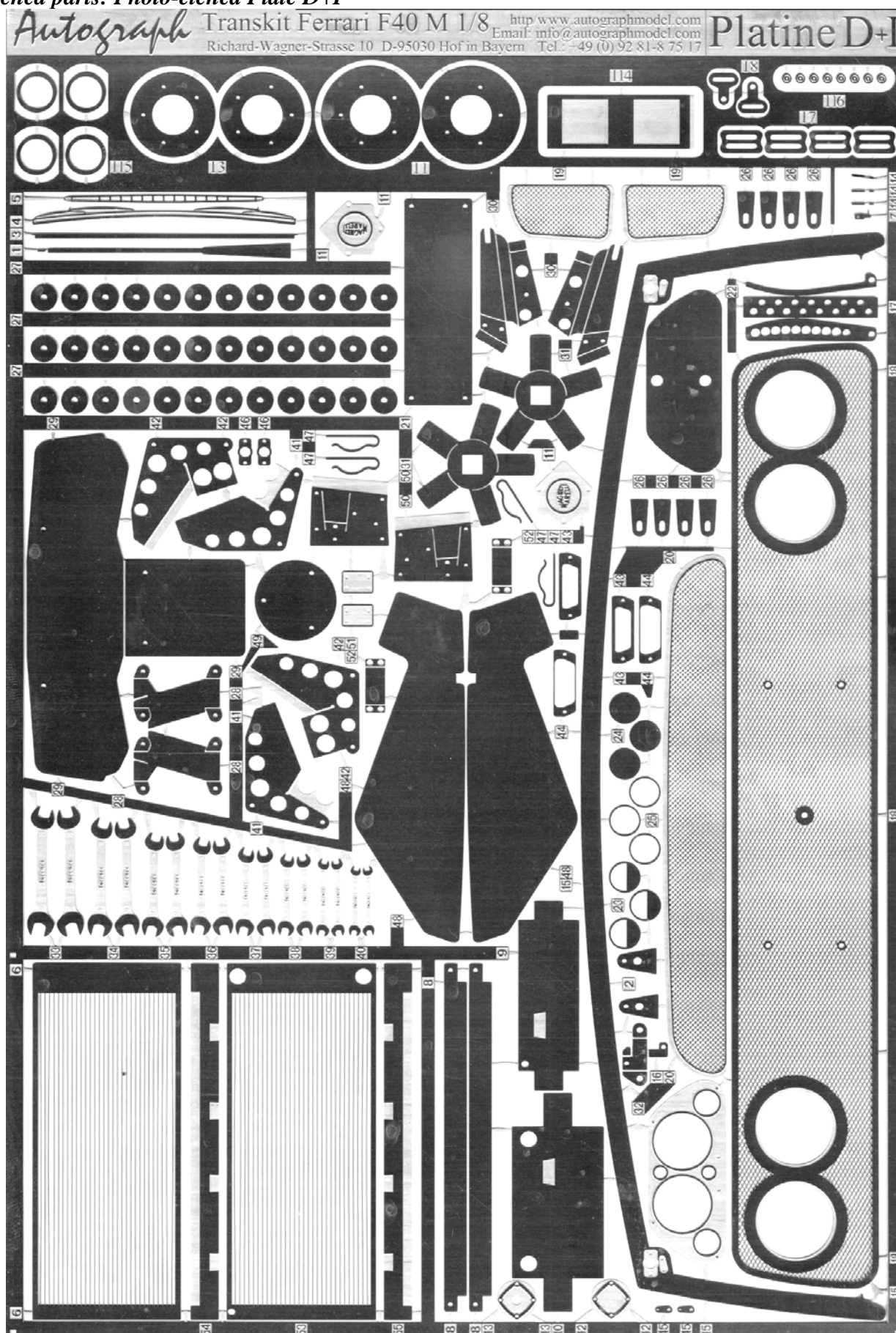
3. Etched parts: Photo-etched Plate C

Material: Stainless steel, thickness 0,15 mm

Part #	Name	Amount
1	Mesh for transmission oil cooler Setrab (left)	2
2	(non applicable)	2
3	Mesh for oil cooler Setrab (right)	2
4	Horn button	1
5	Pininfaria sign	2
6	Key ring front face (trim)	2
7	Ferrari emblem	1
8	Ferrari coat of arms	2
9	Backing for coat of arms for use with decal	2
10	Mesh for heat excanger	2
11	Mesh for radiator	2
12	Template, catch for sliding window (part 1)	1
13	Brembo sign for caliper	4
14	Template, catch for sliding window (part 2)	1
15	Template window frame 1 for sliding window	1
16	Template window frame 2 for sliding window	1
17	Template side window	1
18	Frame for head lights	2
19	Template sliding window	1
20	Side window frame (interior part)	2
21	Template for lug nut mount	1
22	Sheet metal for drive train housing (next to gas pedal)	1
23	Frame around exhaust opening	1
24	Reflector for back up lights	2
25	Ignition cylinder	1
26	Door and hood locks	6
		total: 46

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate D+I

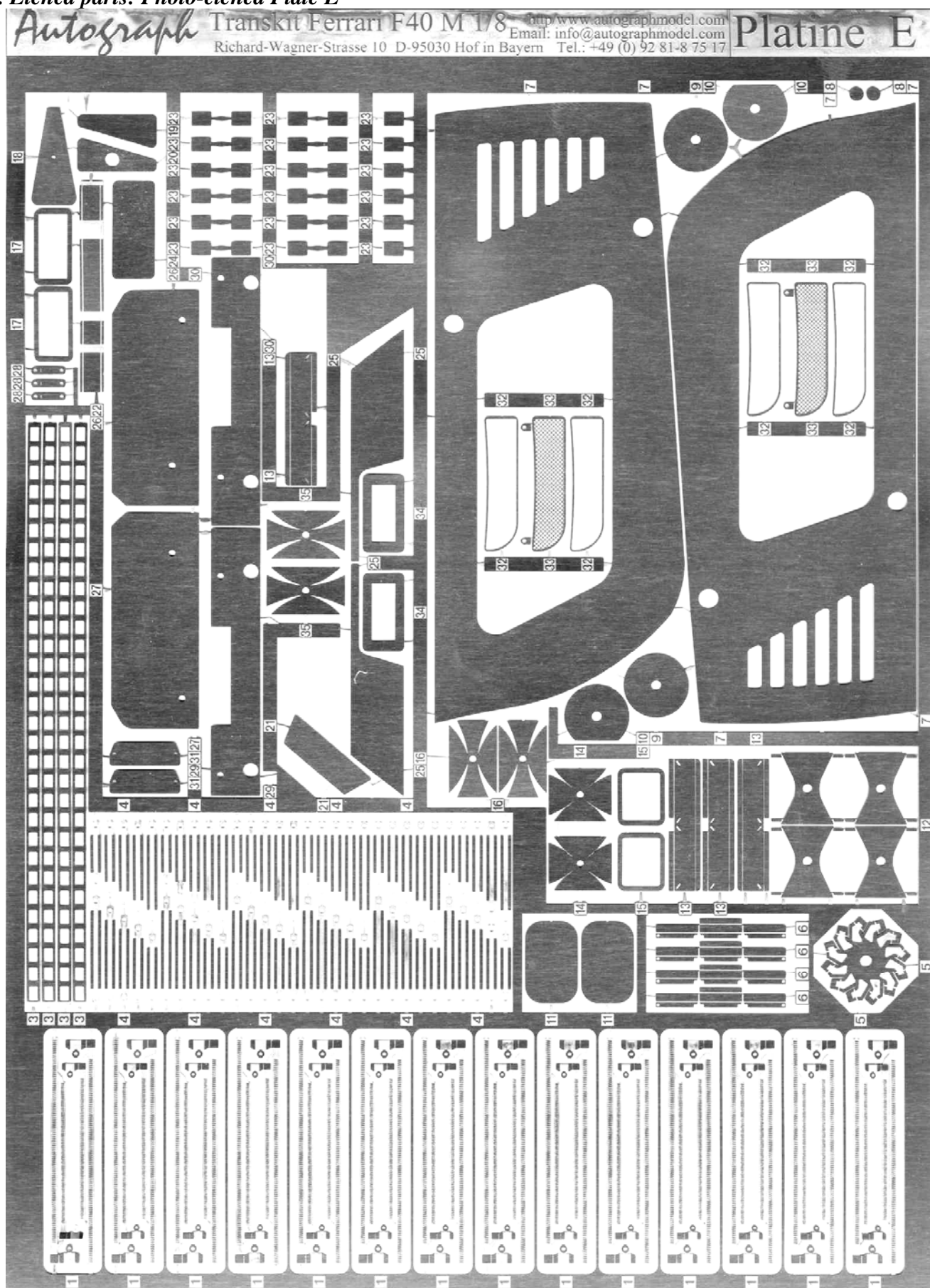


Supplement B: part-assignments
3. Etched parts: Photo-etched Plate D
Material: Nickel silver, thickness 0,3 mm

Part #	Name	Amount
1	Wiper arm	1
2	Bracket for radiator	2
3	Rubber for wiper blade	1
4	Wiper blade	1
5	Reinforcement, ladder shaped for wiper	1
6	Radiator (front part)	1
7	Nozzle for wind shield washer	1
8	Insert for radiator (top/bottom)	2
9	Side wall radiator, left	1
10	Side wall radiator, right	1
11	Cover for lift sensor (on cam inlet)	2
12	Cover on cam outlet, left	1
13	Cover on cam outlet, right	1
14	Mount for water hose, wind shield wiper	3
15	Cover rear tub	1
16	Angle bracket for gas pedal	1
17	Gas pedal	1
18	Rear grille	1
19	Grille (guard) brake opening, front	2
20	Grille (guard) radiator opening, front	1
21	Panel for fuse box, dashboard	1
22	Instrument panel	1
23	Face plate cutout for instruments middle dashboard	3
24	Face plate for instruments middle dashboard	3
25	Trim ring for instruments middle dashboard	3
26	Bracket for radiator fan	8
27	Washer diameter 1.4/6 for A-arm	36
28	Frame part for bracket, air filter	2
29	Heat shield on cross brace engine compartment	1
30	Bracket for radiator	2
31	Fan for radiator	2
32	Face cutout for instrument panel	1
33	Open end wrench SW 20/22	2
34	Open end wrench SW 18/19	2
35	Open end wrench SW 16/17	2
36	Open end wrench SW 14/15	2
37	Open end wrench SW 12/13	2
38	Open end wrench SW 10/11	2
39	Open end wrench SW 8/9	2
40	Open end wrench SW 6/7	2
41	Bracket air filter, right half	2
42	Bracket air filter, left half	2
43	License plate lighting, part 1	2
44	License plate lighting, part 2	2
45	Contact sheet metal on cover, rear tub	2
46	Backing for alignment pin, cover rear tub	2
47	Cotter pin (in tool bag)	4
48	Air scoop in engine hood, left + right	2
49	Generator cover	1
50	Door lock	2
51	Backing for door lock guide (alignment pin)	2
52	Alignment pin, door lock	2
53	Radiator (rear section)	1
54	Radiator (top, cover)	1
55	Radiator (floor sheet)	1
I1	Cover on wheel hub front, part 1	2
I3	Cover on wheel hub rear	2
I7	Ring for harness (small)	4
I8	Harness buckle	2
I14	Sheet for making exhaust end-tubes (oval form, left + right)	1
I15	Distance ring (small) for adjusting track width (smaller type)	4
I16	Door- and hood locks (additionally, same as parts C26)	8
		total: 152

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate E

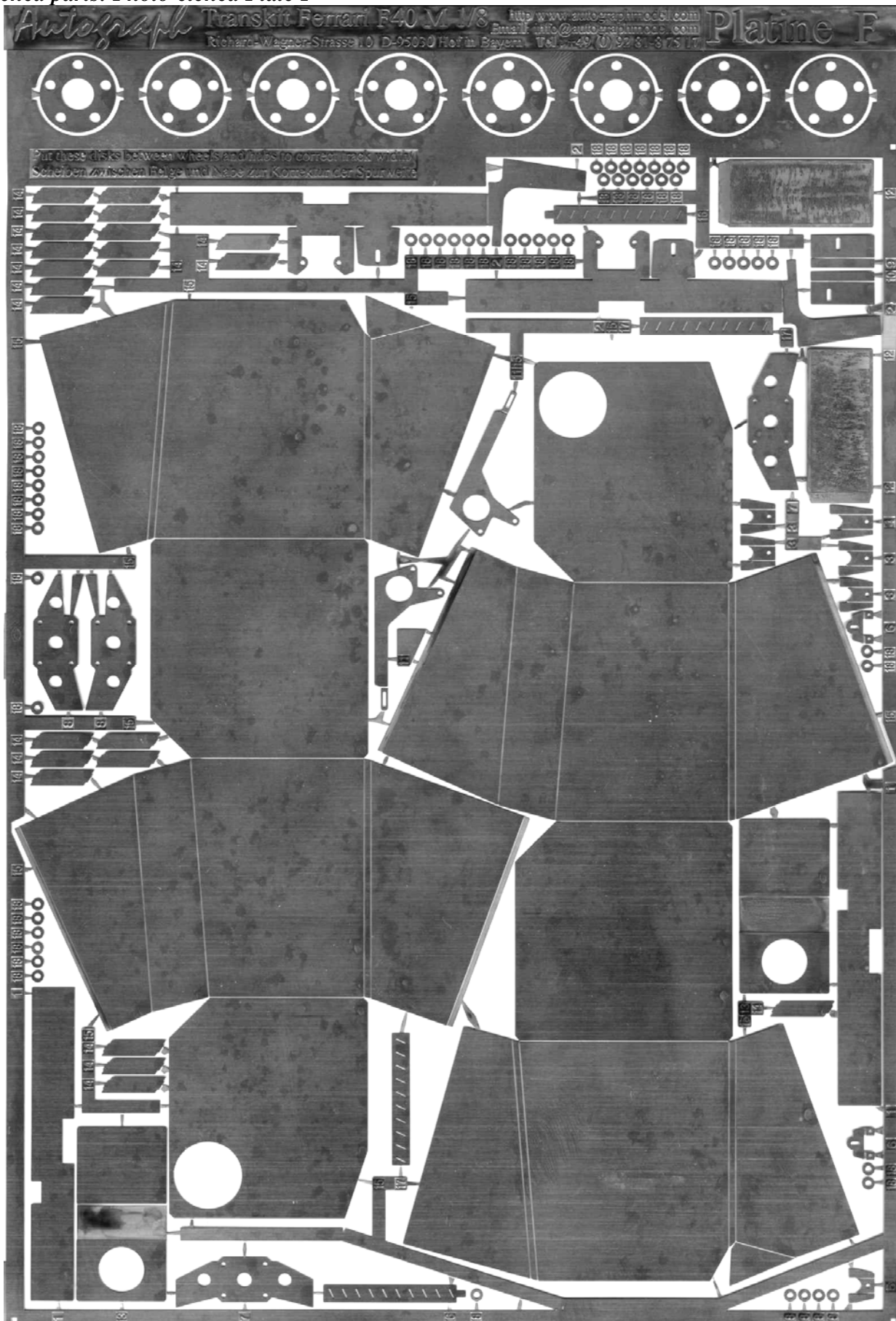


Supplement B: part-assignments**3. Etched parts: Photo-etched Plate E****Material: Nickel silver, thickness 0,15 mm**

Part #	Name	Amount
1	Hose clamp	36
2	Cable clamp	36
3	Perforated metal strip around brake disk	4
4	Hose clamps (various sizes), set of 10 each	60
5	Fan metal for generator	1
6	Frame around ignition coil	4
7	Interior door panel (for use with sliding windows)	2
8	Reflector for turn signal bulb, front, side	2
9	Reflector for back lights	2
10	Reflector for turn signals, rear	2
11	Insert for side mirror	2
12	Reflector for main head light (part 1)	2
13	Reflector for main head light (part 2)	2
14	Reflector for head light flasher	3
15	Reflector for head light flasher (frame)	2
16	Reflector for turn signal bulb, front	2
17	Reflector for turn signal bulb, front (frame)	2
18	Cover for wiper arm	1
19	Bottom for overflow container, radiator water	1
20	Cover for overflow container, radiator water	1
21	Insert review mirror	1
22	Wall for overflow container, radiator water	1
23	Sleeve for cable connector	30
24	Insert for vanity mirror in sun visor	1
25	Connecting part vertical brace engine compartment/rear window	2
26	Support metal for base plate, suspension, front top left	1
27	Support metal for base plate, suspension, front top right	1
28	Angle brace for metal cover of generator	3
29	Base plate for suspension, rear bottom left	1
30	Base plate for suspension, rear bottom right	1
31	Reflector for license plate lighting, part 3	2
32	Frame for stone guard in fender, front	4
33	Stone guard in fender, front	2
34	Fitting plate for rear fog light in rear tub	2
35	Reflector for rear fog light in rear tub	2
36	Clamp for hose clamp	36
		total: 256

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate F

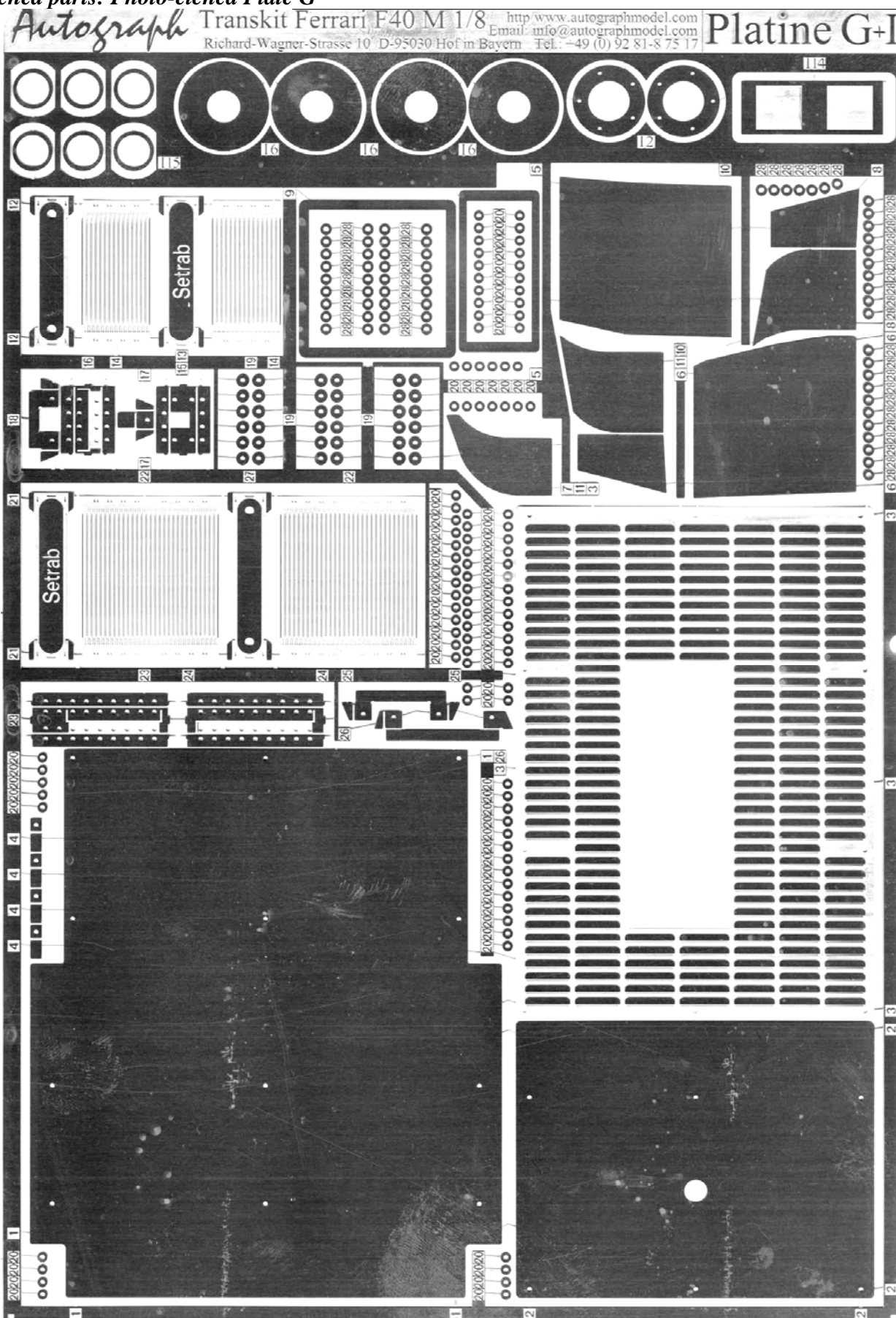


Supplement B: part-assignments**3. Etched parts: Photo-etched Plate F****Material: Brass, thickness 0,3 mm**

Part #	Name	Amount
1	Longitudinal brace in engine compartment, part 1	2
2	Longitudinal brace in engine compartment, part 2	2
3	Bracket for heat exchanger (side)	4
4	Bracket for heat exchanger (rear left)	1
5	Bracket for heat exchanger (rear right)	1
6	Bracket for cross bar engine compartment (mount of heat exchanger)	2
7	Engine mount (front)	2
8	Engine mount (rear)	2
9	Retaining metal for heat exchanger, rear exterior right	1
10	Retaining metal for heat exchanger, rear exterior left	1
11	Mount for heat shield (on transmission housing)	2
12	Paper element in air filter	2
13	Bottom part for air filter	2
14	Rib for grille on fender, front	22
15	Gas tank	2
16	Side panel, exterior, for grille in fender, front	2
17	Side panel, interior, for grille in fender, front	2
18	Washer diameter 1.4/2.8	53
.....	Distance rings.....	8
		total: 113

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate G



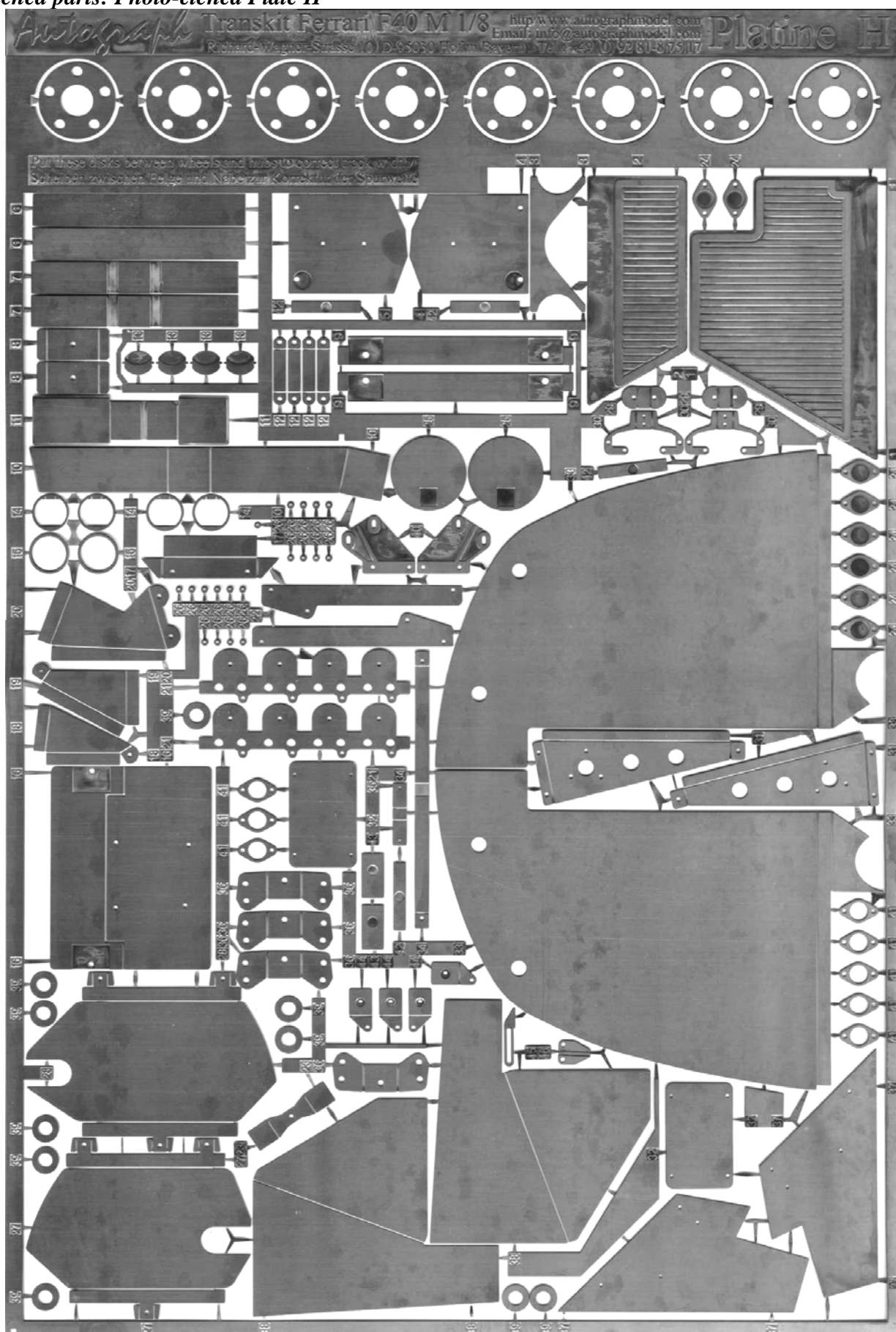
Supplement B: part-assignments**3. Etched parts: Photo-etched Plate G + I****Material: Nickel silver, thickness 0,3 mm**

Part #	Name	Amount
1	Floor pan panel, front	1
2	Floor pan panel, rear	1
3	Floor pan panel, perforated metal (louvre for heat exchange) under engine	1
4	Angle mount for floor pan panel, front	4
5	Frame for air duct, hood, left	1
6	Cover for air duct, hood, left	1
7	Cover for air duct, hood, left	1
8	Cover for air duct, hood, right	1
9	Frame for air duct, hood, right	1
10	Cover for air duct, hood, right	1
11	Cover for air duct, hood, left	1
12	Bottom for transmission oil cooler Setrab	1
13	Cover for transmission oil cooler Setrab	1
14	Flanges for transmission oil cooler Setrab	2
15	Side wall, left, for transmission oil cooler Setrab	1
16	Side wall, right, for transmission oil cooler Setrab	1
17	Bracket left, for transmission oil cooler Setrab	1
18	Bracket right, for transmission oil cooler Setrab	1
19	Cover for silentblock assembly (2 pices/block)	36
20	Washer diameter 1 / 2,4 for screw M1	148
21	Cover for oil cooler Setrab	1
22	Flanges for oil cooler Setrab	2
23	Side wall, right, for oil cooler Setrab	1
24	Side wall, left, for oil cooler Setrab	1
25	Bracket, right, for oil cooler Setrab	1
26	Bracket, left, for oil cooler Setrab	1
27	Bottom for oil cooler Setrab	1
28	Washer diameter 1,2 / 2,6 for screw M1,2	64
I6	Distance ring for adjusting track width (bigger type)	4
I14	Sheet for making exhaust end-tubes (oval form, left + right)	1
I15	Distance ring (small) for adjusting track width (smaller type)	4

total: 277

Supplement B: part-assignments

3. Etched parts: Photo-etched Plate H



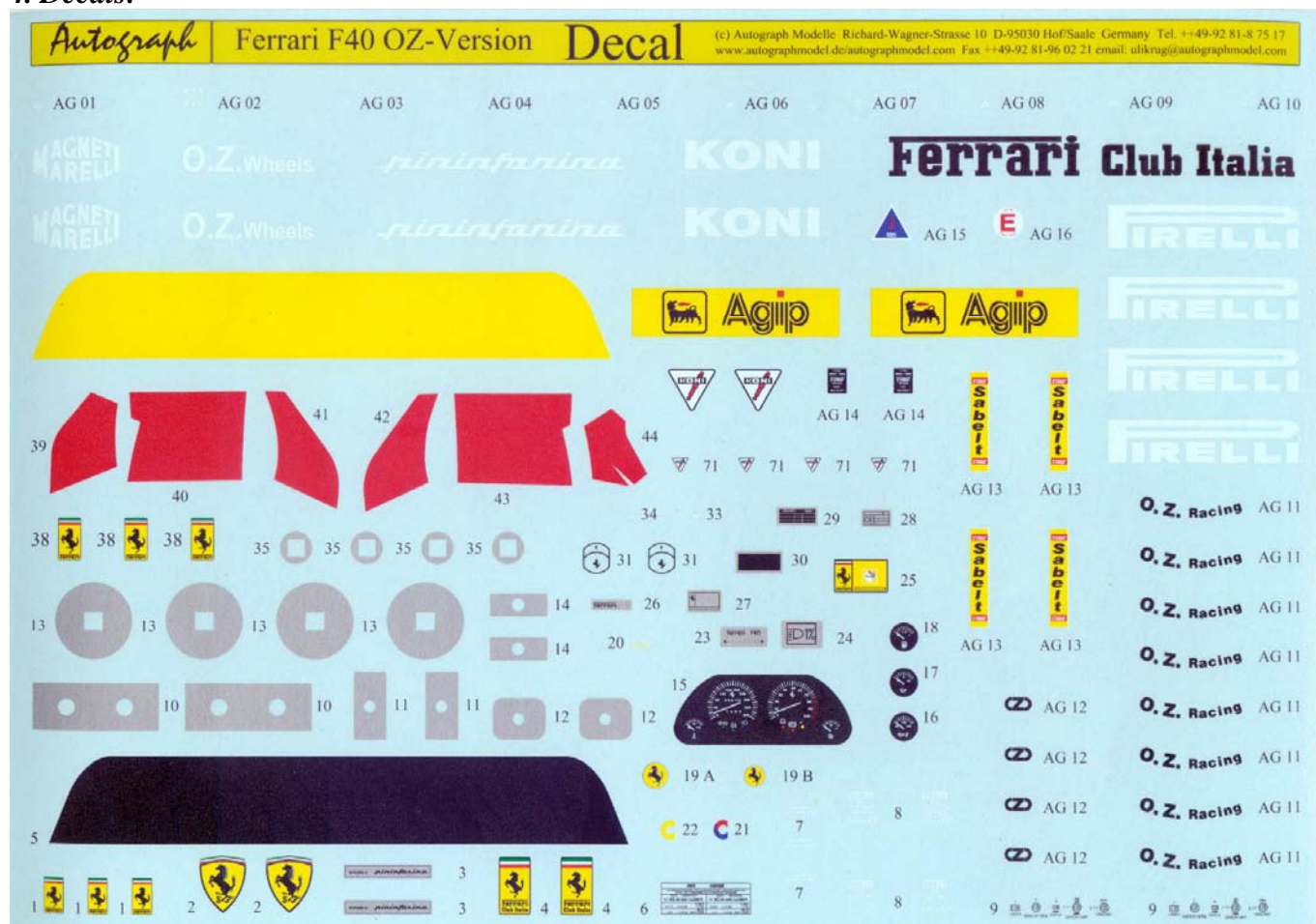
Supplement B: part-assignments**3. Etched parts: Photo-etched Plate H****Material: Brass, thickness 0,3 mm**

Part #	Name	Amount
1	Floor mat driver side	1
2	Floor mat passenger side	1
3	Stiffener plate for cross brace, frame, rear	1
4	Cover for frame extension (rear tub mount) left	1
5	Cover for frame extension (rear tub mount) right	1
6	Bracket for noise suppression sleeve, (top), muffler	2
7	Bracket for noise suppression sleeve, (bottom), muffler	2
8	Mount for bracket exhaust (bottom)	2
9	Base plate for suspension, front top	2
10	Storage compartment in middle console (frame)	1
11	Storage compartment in middle console (bottom)	1
12	Exhaust clamp (half) for heat shield fastening	4
13	Damper for air nozzle on instrument panel	4
14	Frame for air nozzle on instrument panel	4
15	Cover ring for air nozzle on instrument panel	4
16	Gage for soldering of exhaust mount	1
17	Angle bracket for oil cooler, right side	1
18	Angle bracket for oil cooler, left side front	1
19	Angle bracket for oil cooler, left side rear	1
20	Angle bracket for transmission oil cooler, right side	1
21	Base plate for injection nozzles	2
22	Track for mounting of belt	2
23	Mount for hood support rod	1
24	Flange for water duct on cylinder bank, part 2	8
25	Filler door bottom part	2
26	Allen screw for gas cap	20
27	Floor for heat exchanger, left	1
28	Floor for heat exchanger, right	1
29	Hinge for filler door, part 1	2
30	Hinge for filler door, part 2	2
31	Mounts for head light motors	2
32	Cover for head light maintenance opening in fender, front	2
33	Bottom panel for front hood	2
34	Container for wind shield cleaning fluid, part 1	1
35	Container for wind shield cleaning fluid, part 2	1
36	Bracket for mounting A-arm, front bottom (short version)	4
37	Connecting part trunk tub/frame, front left + right	2
38	Mud wall in fender front	2
39	Washer 6/3,2 for levelling Pocher parts	10
40	Mount for oil thermostat	2
41	Flange for water duct on cylinder bank, part 1	8
42	Hood latch	4
43	Door handle (exterior)	2
44	Angle bracket (variable)	4
45	Hinge for hood support rod, part 1	1
46	Hinge for hood support rod, part 2	1
.....	Distance rings.....	8

total: 133

Supplement B: Part assignments

4. Decals:



5. Pattern templates:

No.	Name	Name	Amount
(SK=self adhesive)			
SM1	Heat protection foil in rear tub	SK-Aluminium.....	1
SM2	Heat protection fiol in rear tub	SK-Aluminium.....	2
SM3	Heat protection fiol in rear tub	SK-Aluminium.....	1
SM4	Boot for hand brake lever.....	Leather	2
SM5	Head liner.....	Foam rubber white	1
SM6	Filling for head liner	Foam rubber white	1
SM7	Sun visor	Foam rubber white	2
SM8	Filling for head liner	Foam rubber white	1
SM9	Lining A-pillar	Foam rubber black	2
SM10	Heat protection foil in hood (rear).....	SK-Aliminium	2
SM11	Seal for interior space ventilation in front hood.....	Foam rubber black	1
SM12	Tool bag - interior	Fabric black.....	1
SM13	Tool bag – compartment organizer	Fabric black.....	1
SM 14	Tool bag - covering	Fabric black.....	1
SM15	Tool bag – template, double sided tape.....	Double sided tape.....	1
SM16	Tool bag – closing device	Double sided tape.....	1
SM17	Filler neck	Foam rubber black	2
SM18	Ventilation duct in hood (rear).....	SK-Aluminium.....	1
SM19	Ventilation duct in hood (rear).....	SK-Aluminium.....	1
SM20	Ventilation duct in hood (rear).....	SK-Aluminium.....	1
SM21	Insert in tank opening.....	SK-Foil red	2
SM22	Insert in tank opening.....	SK-Foil red	2