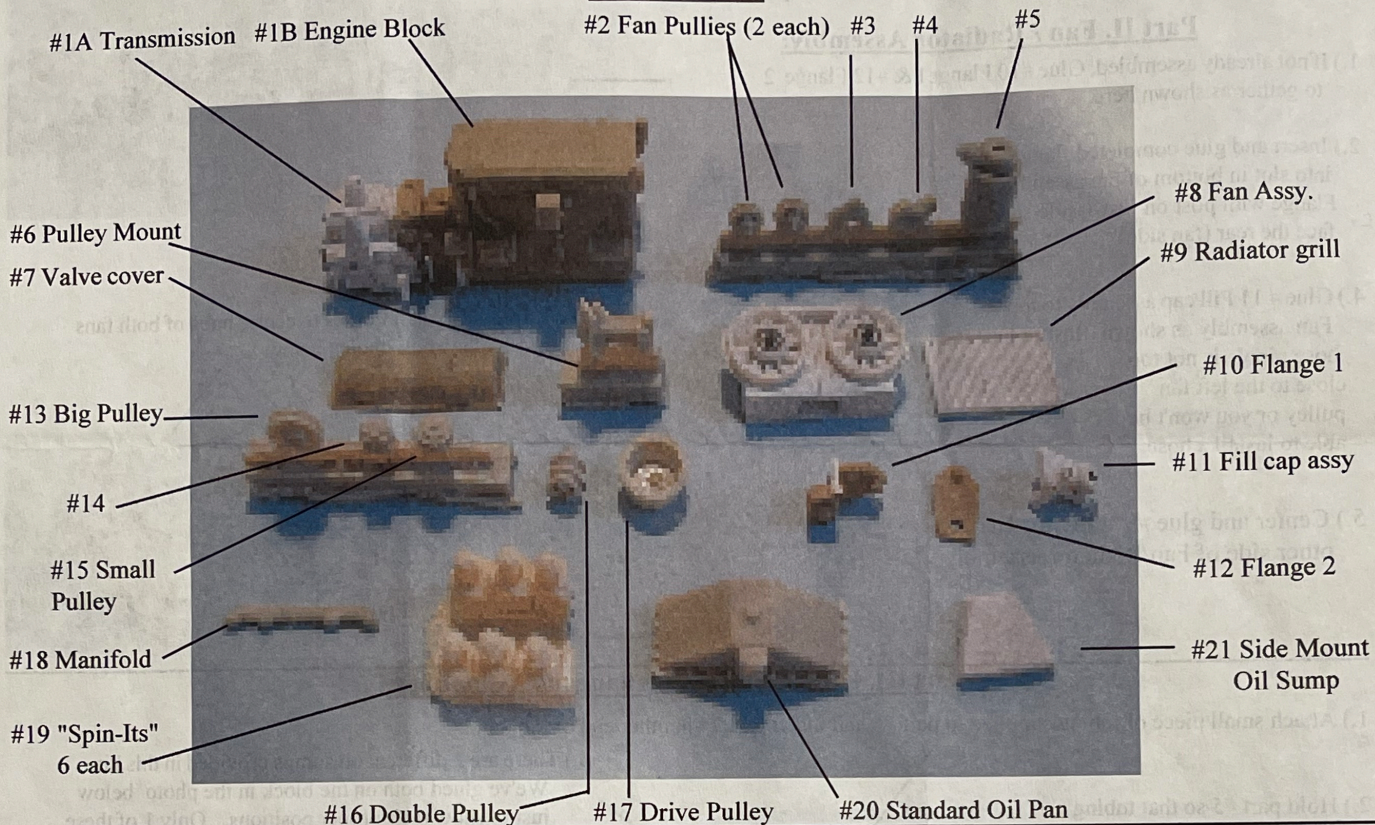


RJ35251 Maybach HL42 engine for: SdKfz 7, 11, 251 & SWS

List of Parts



Assembly Instructions

NOTE: Parts cannot be glued using normal styrene cements. Instead use "Super Glue" to attach parts. Work in well ventilated area and wear filter mask as fumes from "Super Glue" and airborne particles from sanding of resin parts maybe harmful.

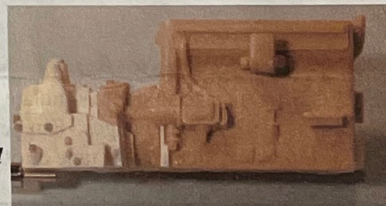
Important Tip: Fill holes/voids with Baking Soda then apply a drop of "Super Glue" it will become rock hard and can be sanded or shaped.

Part I. Engine Block/Trans. Assembly: All references to right or left side of engine block are from Driver's position

1.) The engine block (part 1 B) should be used without the transmission (part 1 A) in Tamiya's SdKfz251 kits and AFC Clubs' SdKfz 11. The transmission is only required on SdKfz7 & SWS kits. Remove casting blocks/sprue from bottom of engine and lightly sand bottom until smooth & flat. If trans. (part 1A) is to be used, glue to engine as shown in photo #1

NOTE: Engine may come more assembled as in photo-1 but with carburetor assy., pully stand-off, valve cover and "spin-its" installed. It's more difficult to cast like that but will be easier for the modeller to build. If "mould life" is acceptable, we will continue casting them this way and will then modify these instructions accordingly.

Photo #1



2.) Glue Valve Cover #7 on top of #1. Note there are 2 slightly raised areas on 1 side of the valve cover, these go on the right side, see photo #2.

3.) Glue manifold #18 to right side of block

4.) Glue Pulley Mount #6 in place as shown

#14

#13

Photo #2



#16 Double Pulley

5.) Glue Pulleys #13, 15, 16 & 17 in position as shown in Photo 2 & 3

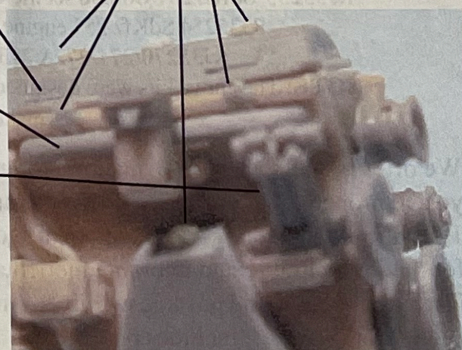
#17 Drive Pulley

6.) Glue part #14 to top of pedestal on right side of



#19 "Spin-its"

Photo #2



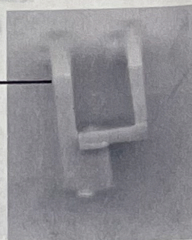
Part I. Engine Block AssemblyContinued

Photo #4

- 7.) Glue "Spin-its" #19 to top of valve cover, above manifold and on top of side mounted oil sump (if you use that option). See photos #2 & 4 for positioning of "Spin-its".

Part II. Fan / Radiator Assembly:

- 1.) If not already assembled, Glue #10 Flange 1 & #12 Flange 2 together as shown here.



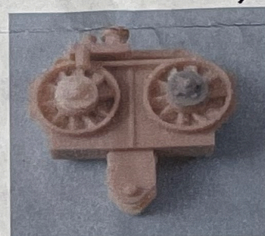
- 2.) Insert and glue completed flange assembly into slot in bottom of fan assembly. Flange with post on just 1 side should face the rear (fan side).



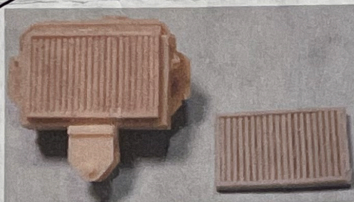
- 4.) Glue #11 Fill cap assembly to top of fan assembly as shown. Insure the hose nipple is not too close to the left fan pulley or you won't be able to install a hose.



- 3.) Glue #2 Fan Pulleys to center hubs of both fans as shown in photos below



- 5.) Center and glue #9 Radiator Grill to other side of Fan/Radiator assembly.



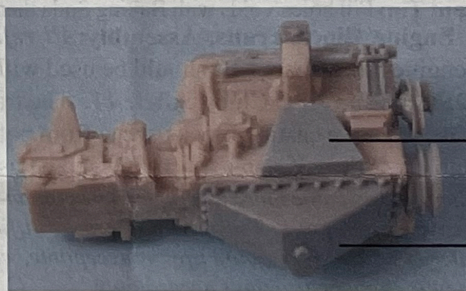
Part III. Options and Miscellaneous Assemblies:

- 1.) Attach small piece of tubing supplied to part #5 and insert part #4 in other end of tubing

- 2.) Hold part #5 so that tubing assembly in step #1 is at 12 o'clock Glue part #3 so it is pointing to 7 o'clock.



- 3.) There are 2 different oil sumps provided in this kit. We've glued both on the block in the photo below just to show their proper positions. Only 1 of these 2 oil pans is needed. The side mounted oil sump is used on armoured cab versions of SdKfz 7 & SWS.



- 4.) Use different size solder to simulate water hoses, electrical wires as well as mechanical linkages. Fan belts can be made from strips of masking tape, electricians tape or other suitable materials.

Related R&J Products:

RJ35250 Maybach engine for SdKfz10, 250/252/253 (same block w/different cooling system)

RJ35252 Front-end for SdKfz251 (with separate 1 piece or "split" engine access hatches) for Tamiya

RJ35253 SdKfz251 Combo set includes front-end(RJ35252), engine(RJ35251), compartment firewall & details for Tamiya

RJ35254 SdKfz 251 engine compartment details, no engine. For use with RJ35251 & RJ35252 for Tamiya

RJ35270/271/272&273 SdKfz 7 Front Tires with removeable "star wheels" just like the real ones!

NOTE: The above kits were designed for Tamiya SdKfz250, 251 & SdKfz 7 kits so, some modifications may be necessary to make them fit into Dragom, AFV Club and/or Italeri models

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