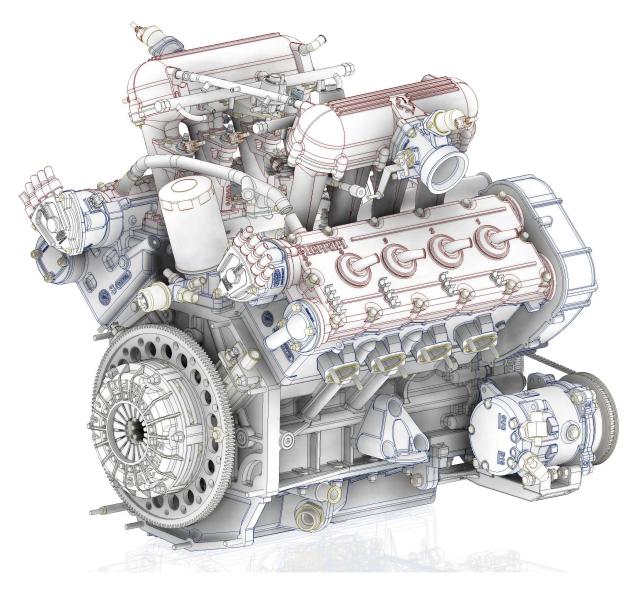




288GTO

engine kit (scale 1/4)



static engine model kit, non functional. For display purpose only









spray in color of

own preference

cut screw head off (trim edge

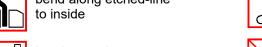
threaded rod acc. given length

smooth) and only use the

Legend



bend along etched-line





bend curved to shown shape



carefully press soft-solder wire to position.



putty and sand clean



cut to given length using motor tool



sand edge smooth / sand bottom flat



cut to shown length & trim edges smooth (cutter knife)



glue (CA or 2K)



do not glue (keep joint movable)



soft solder parts together



carefully!!! heat shrink to position (shrink tubes) (use lighter or heat gun)



cut off



drill hole to given size (hand drill recommended)



clean / trim area with motortool

Color list

RAL 3000 - matt / semigloss red **X1**

RAL 1032 - semigloss zinkchromate **X2**

Х3 RAL 3020 - matt / semigloss traffic red

RAL 2004 - gloss Orange

RAL 7032 - semigloss stonegrey **X5**

RAL 1002 - matt sand-yellow **X6**

RAL 7016 - semigloss grey-black **X7**

RAL 8011 - semigloss dark brown **X8** RAL 5015 - semigloss blue **X9**

matt dark gun-metal X10

titanium gold X11

X12 silver / polished aluminum

X13 white aluminum (e.g. RAL 9006)

light grey / aluminum (mix of light grey (e.g RAL 9002) - 80% and aluminum (e.g.RAL 9006) -20%) X14

X15

semigloss black X16

rubber black X17

gold / brass X18

X19 RAL 1015 - flat / semigloss beige

(Cast effect / hammer blow effect) matt steel (spray light mist coats from distance (different colors) to achieve effect) X20 (textured effect) RAL 3020 - matt red X21

1) spray the parts with a textured effect (e.g. microballoons + primer) prior applying RAL3020

2) after textured mixed primer dried spray matt RAL 3020 red

Optional: you can use the spray can from company "VHT" - "Wrinkle crackle coating - red", over a white primer This is the real used crackle effect heat-paint. Nevertheless the effect it is slightly out of scale.

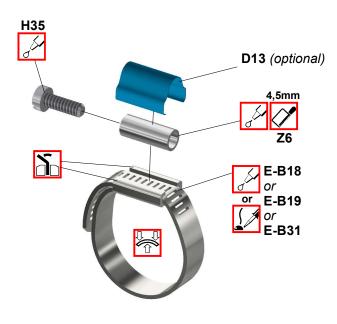
<u>tip:</u>

For a realistic / used look it is recommended to give the parts a "dark-/ or oil-wash" and apply some dust "pigments" after the paint has dried. (e.g. "mig" or "ak-interactive" products)



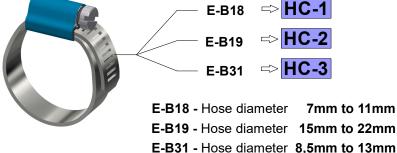
making of hose clamps: HC





Make hose clamps during the required building step. Where possible do a dry fit on the corresponding finished shrink tube (for correct size) and bend / finish the hose clamp before mounting. It is recommended to solder the clamp ring to the final size first (once positioned on the shrink tube) and then glue the other parts to the ring. Use of decal **D13** is optional. To fix the finished clamp on shrink tube use a drop of glue. Depending on the used clamp ring the completed clamp will be labeled **HC-1**, **HC-2** or **HC-3** during the construction phase.

new name:



making of hoses / use of shrink-tube tools:



R108

is used during building step 4.1 & 4.1 to make the hose (red colored) for air intake of the intake unit. Use **Z24** shrink tube on this part. (2x)

R109

is used during building step to make the connector hoses on the water pump unit. Use **Z23** shrink tube on this part. **(2x)**

R110

is used during building step 133 to make the connecting hose between water pump unit and throttle unit.

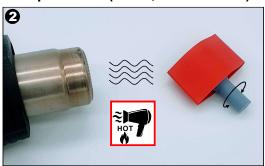
Use **Z22** shrink tube on this part. (1x)

For all other hoses use the shrink tube segment on the intended mounting points and heatshrink carefully to position. Try to heat only the borders to leave the hose in an even thickness.

making process shown on part R108 (R109, R110 similar)

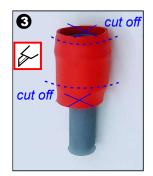


Cut shrink-tube-ring to needed size. Leave 1-2mm excess material.



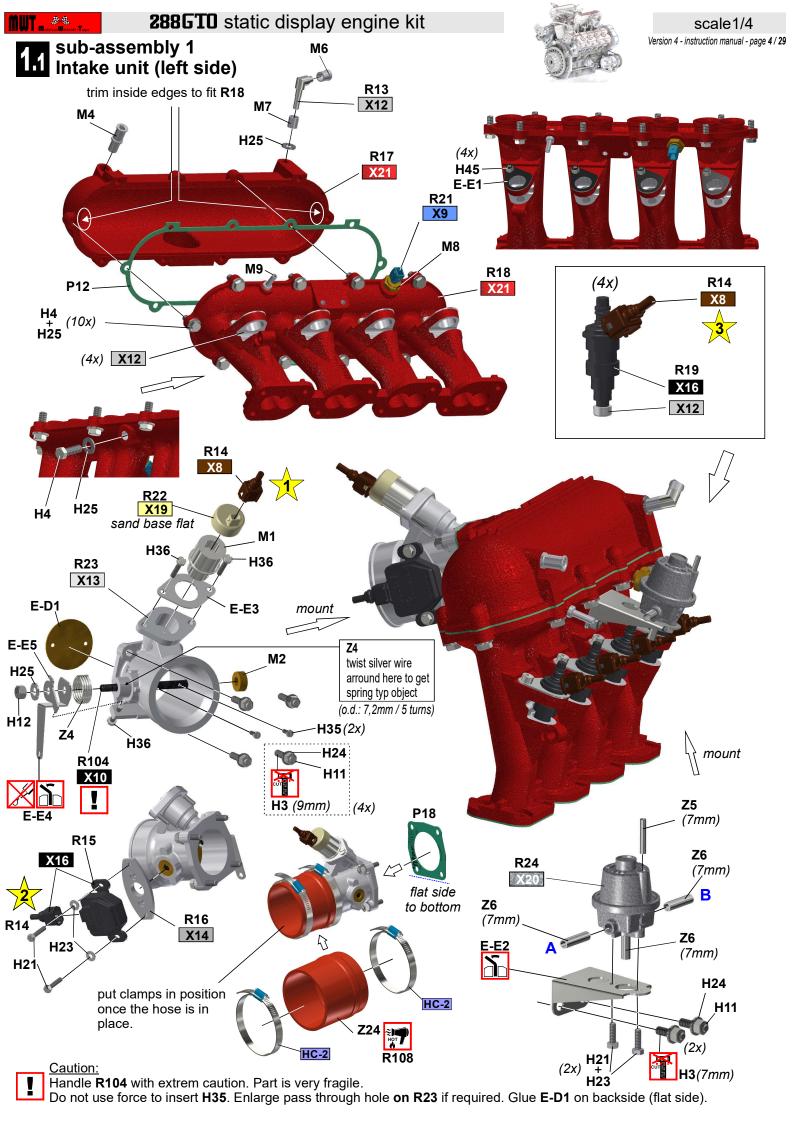
Use heat gun to shrink tube on tool all around. <u>Caution:</u>

Do not damage the tool with too much heat.





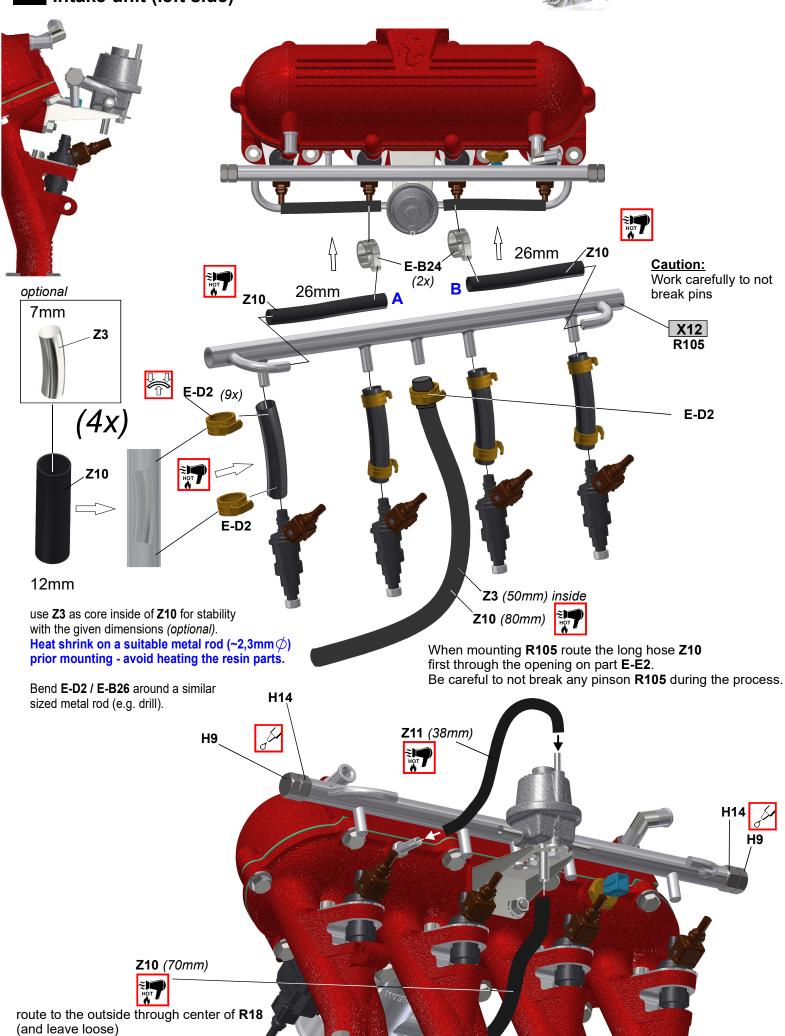
Once tube has cooled down, peel the part carefully off the tool. Cut excess material with a sharp cutting blade to match correct length acc. tool. You can use a lighter afterwards to carefully smooth the edges again with some heat if required.



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1.2 sub-assembly 1 Intake unit (left side)

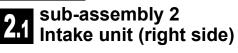




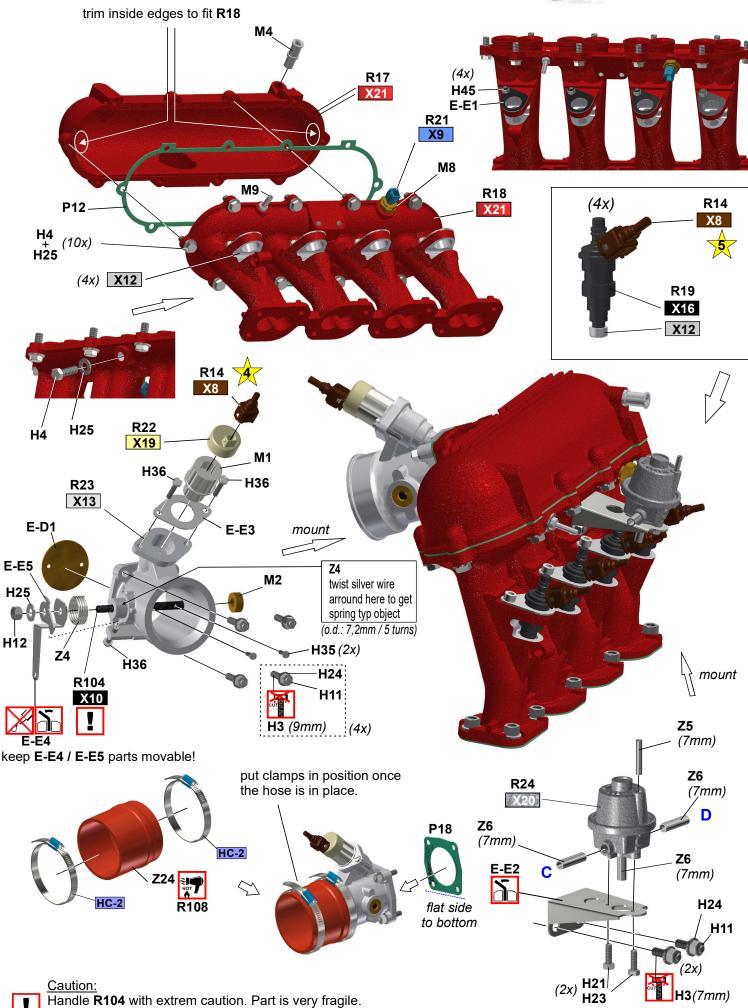
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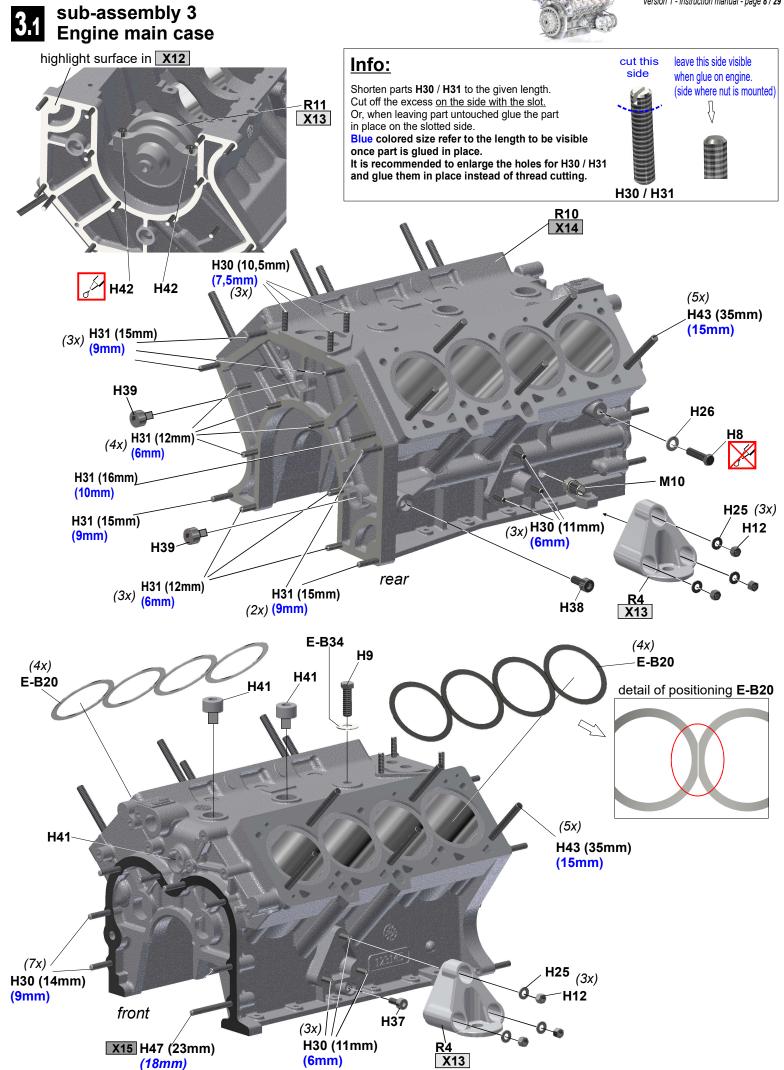


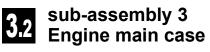




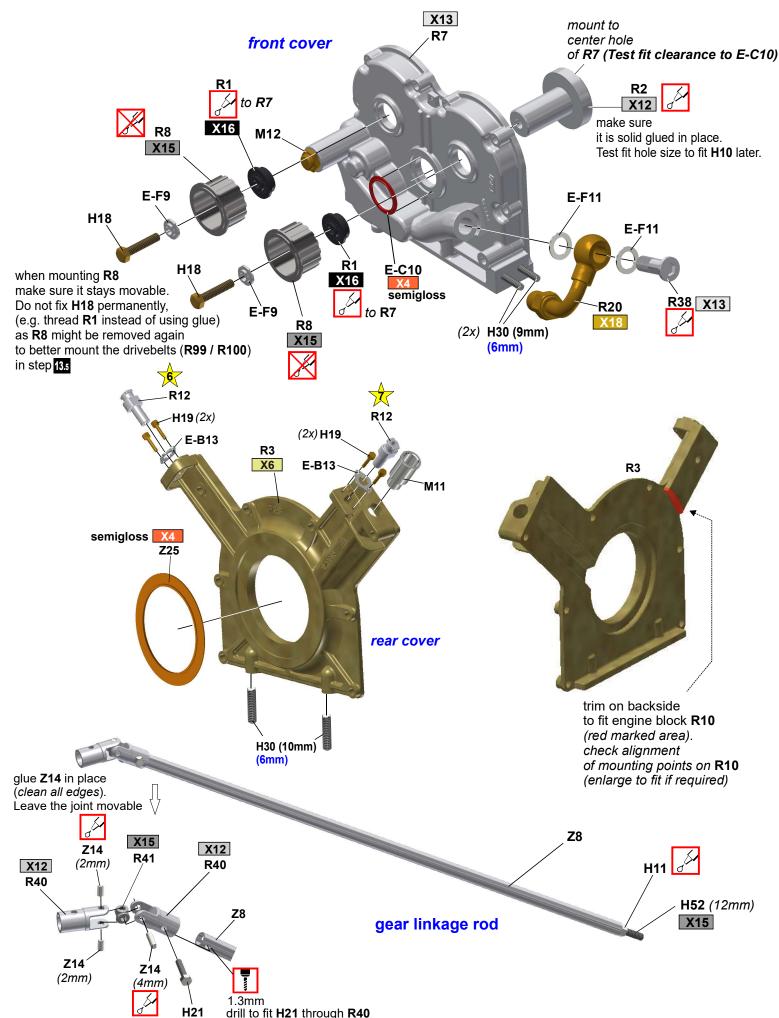




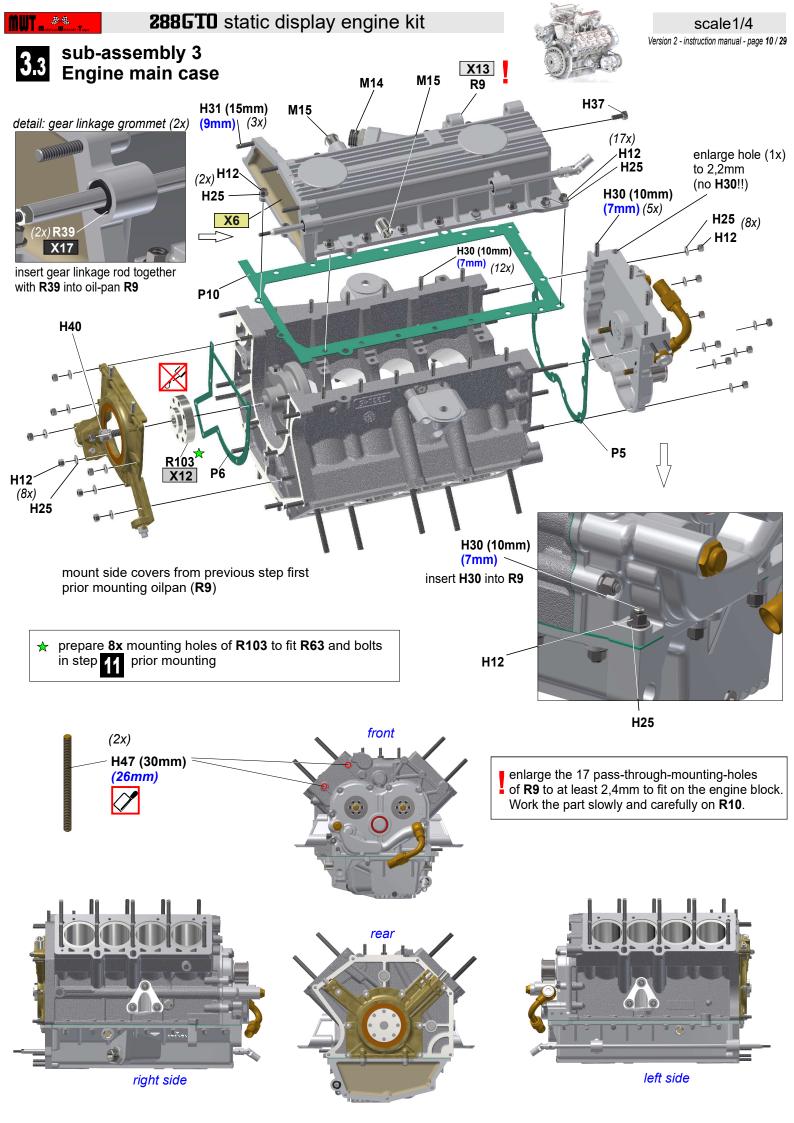


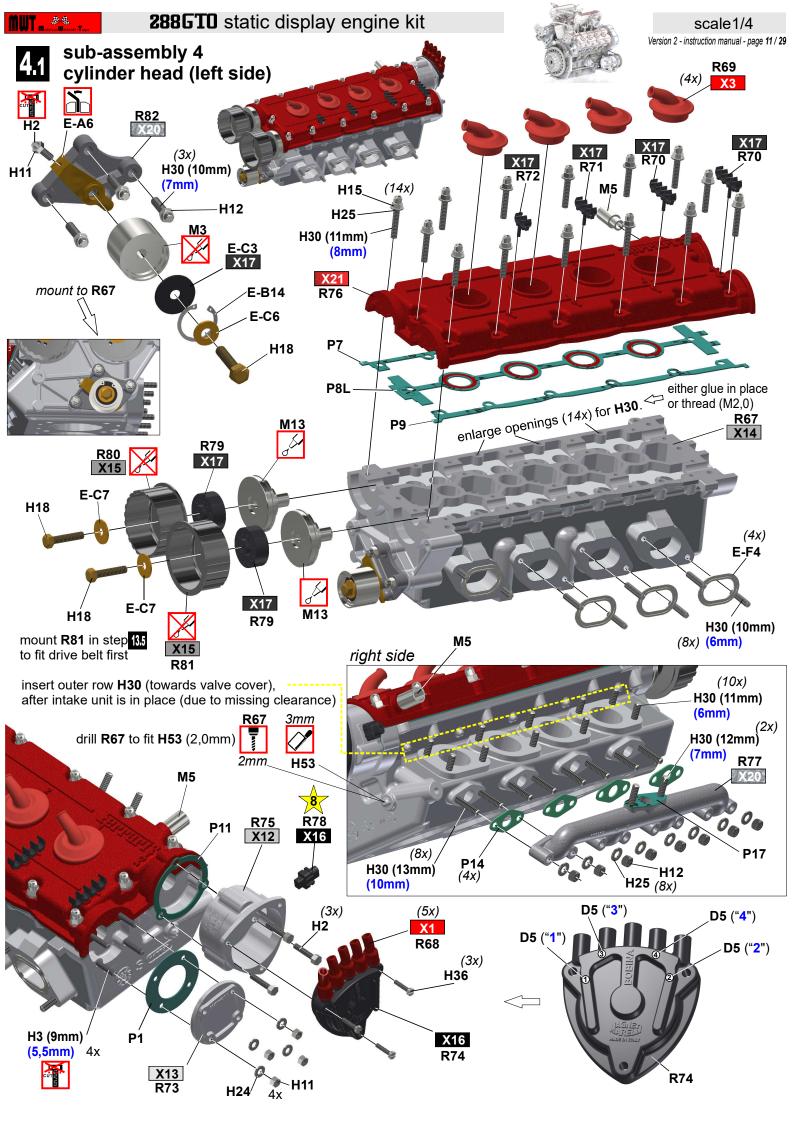






drill to fit H21 through R40





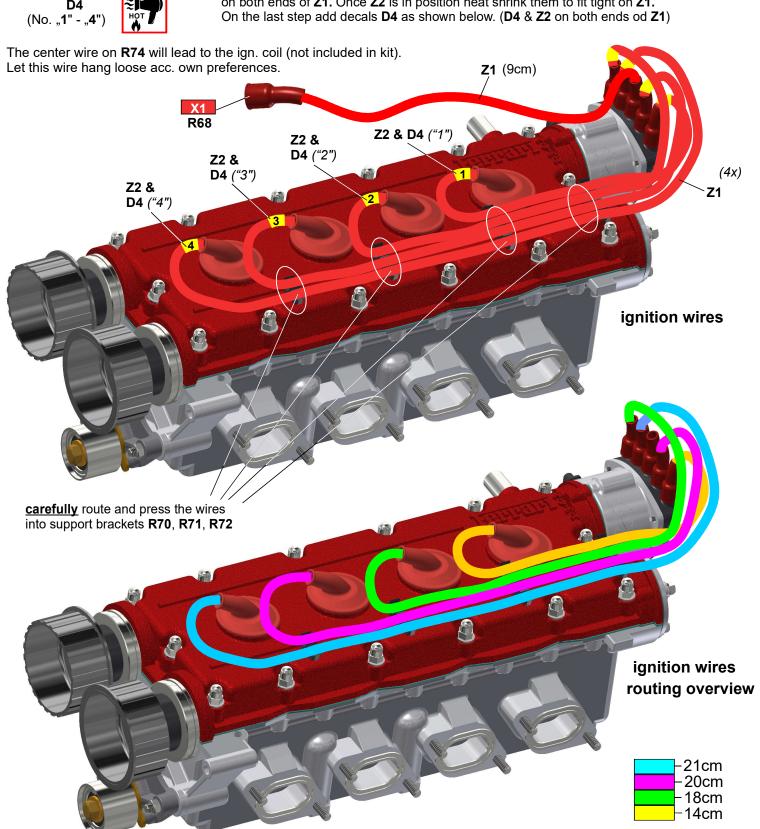


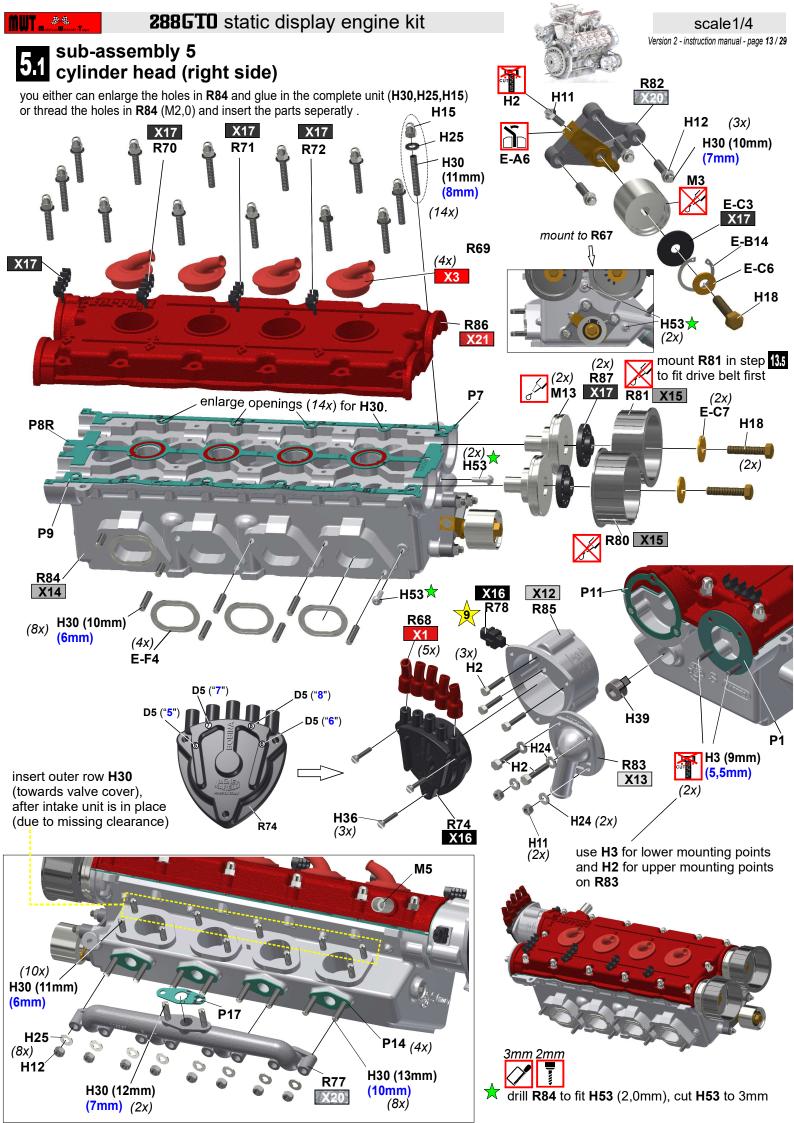
sub-assembly 4 cylinder head (left side)





Use the black wire clips (R70, R71, R72) to support the wires. Be careful to not break the clips Make a dry fit first before adding the yellow shrink tube segments Z2. Use Z2 cuts on both ends of Z1. Once Z2 is in position heat shrink them to fit tight on Z1. On the last step add decals D4 as shown below. (D4 & Z2 on both ends od Z1)

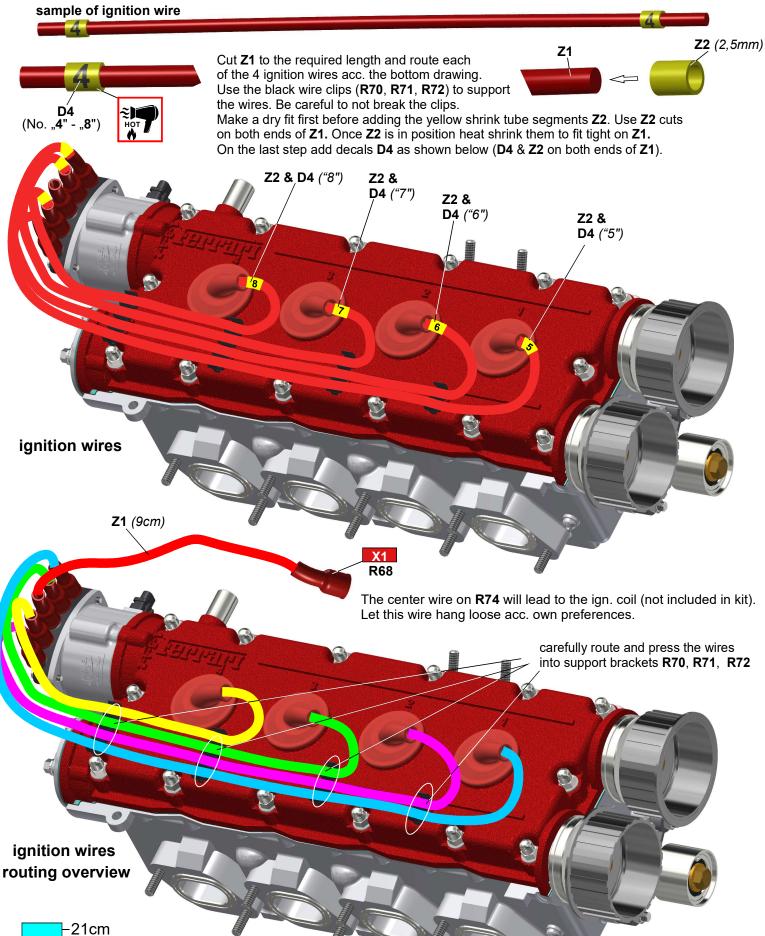


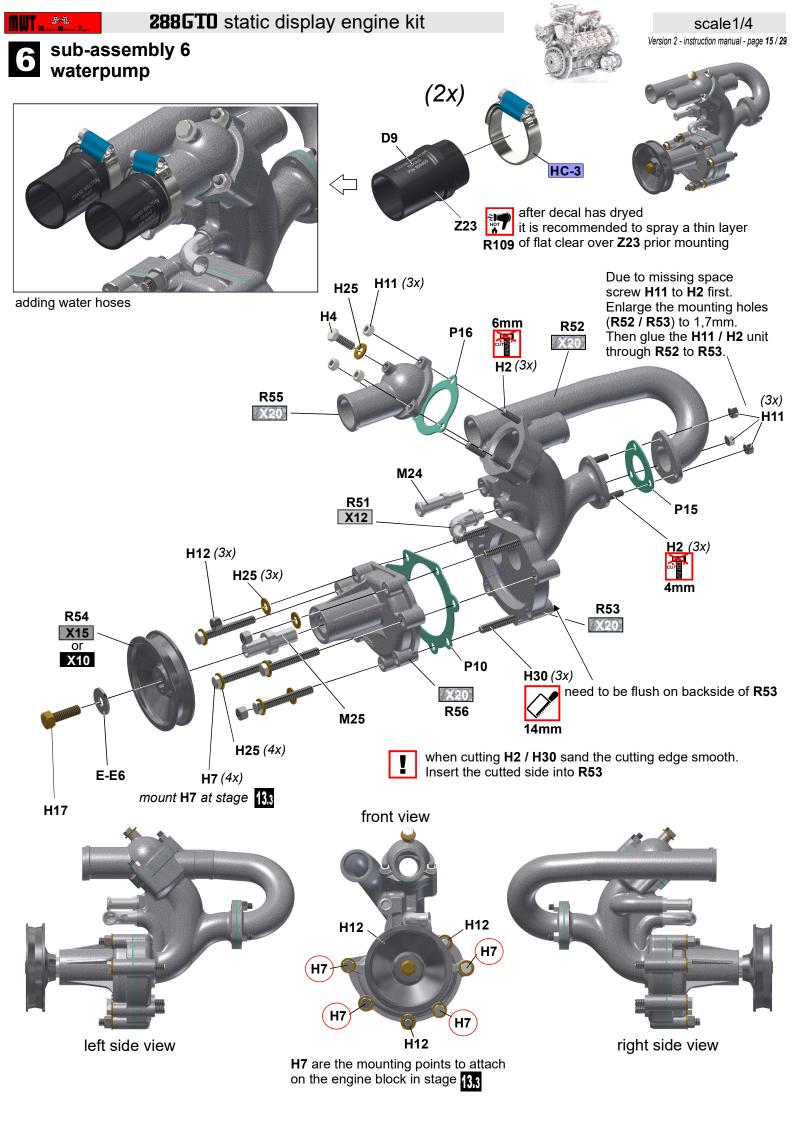


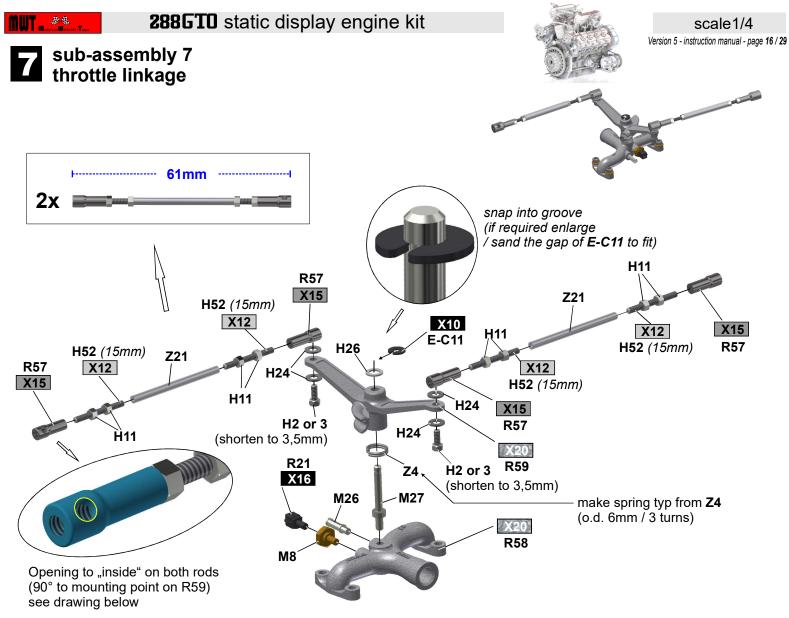
sub-assembly 5 cylinder head (right side)

-20cm -18cm -14cm

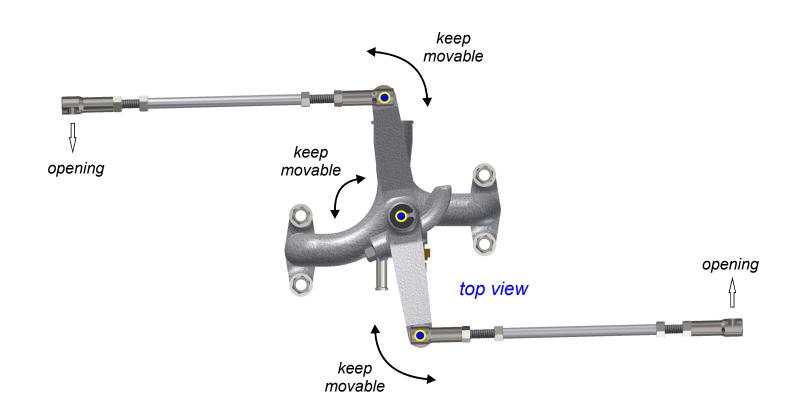


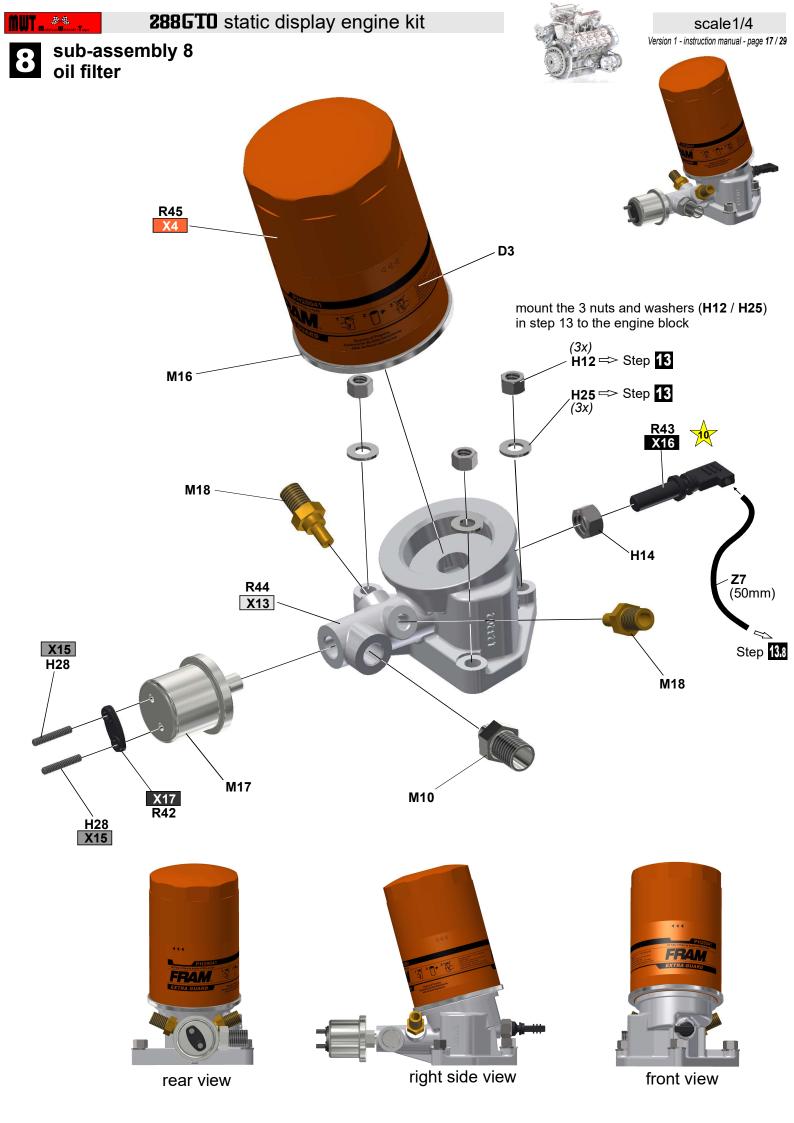


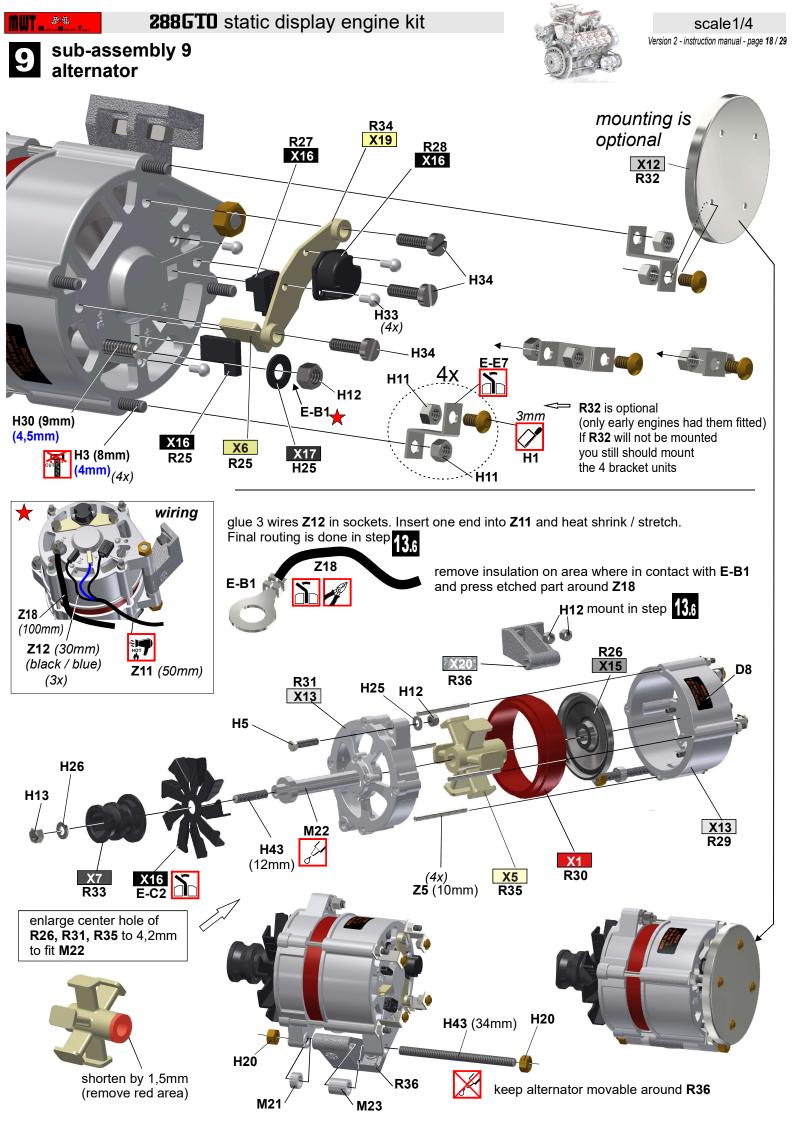


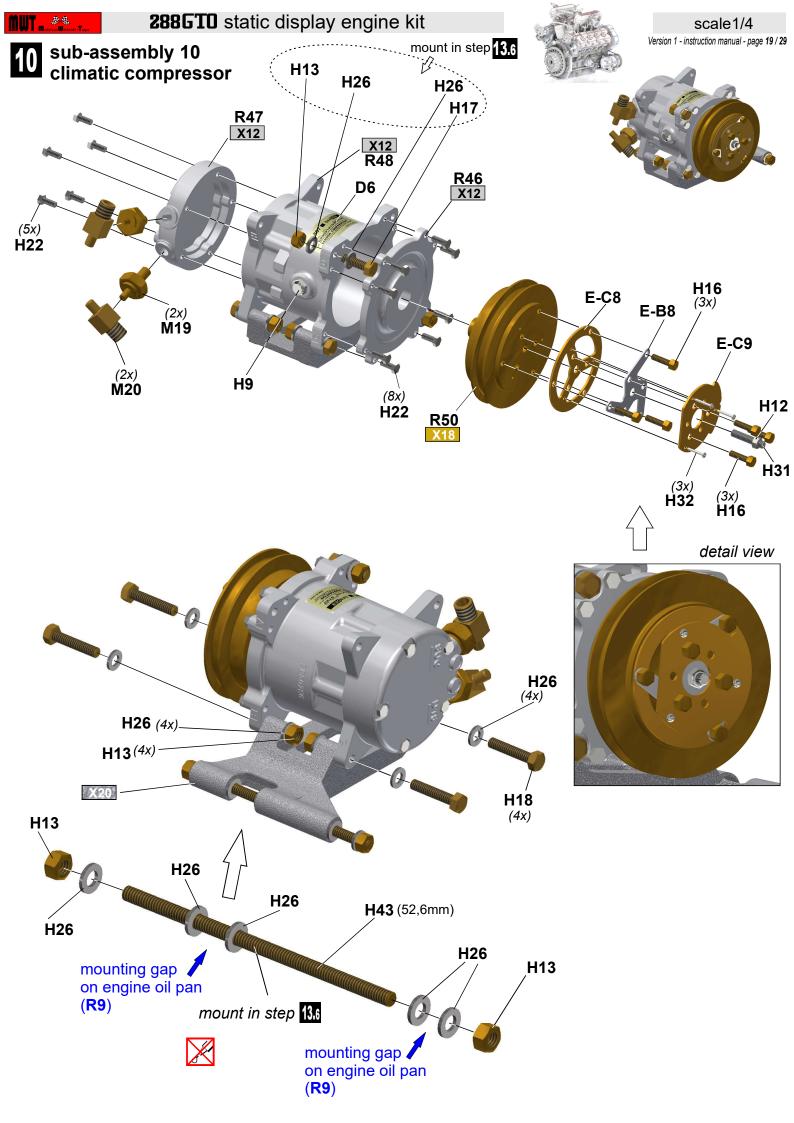


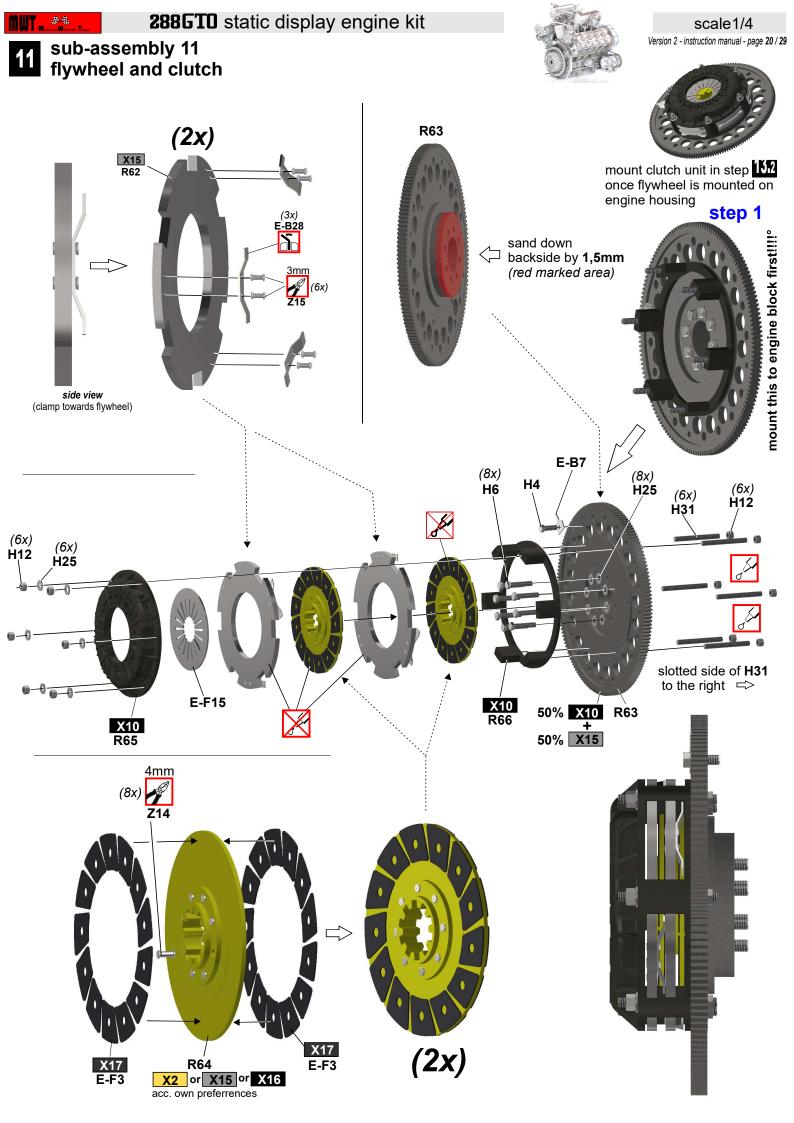
glue **H2/3** to **R57**, make sure that the linkage rod is still movable around **R59** glue **M27** to **R58**, do not glue **R59**. Make sure **R59** is movable around **M27**.

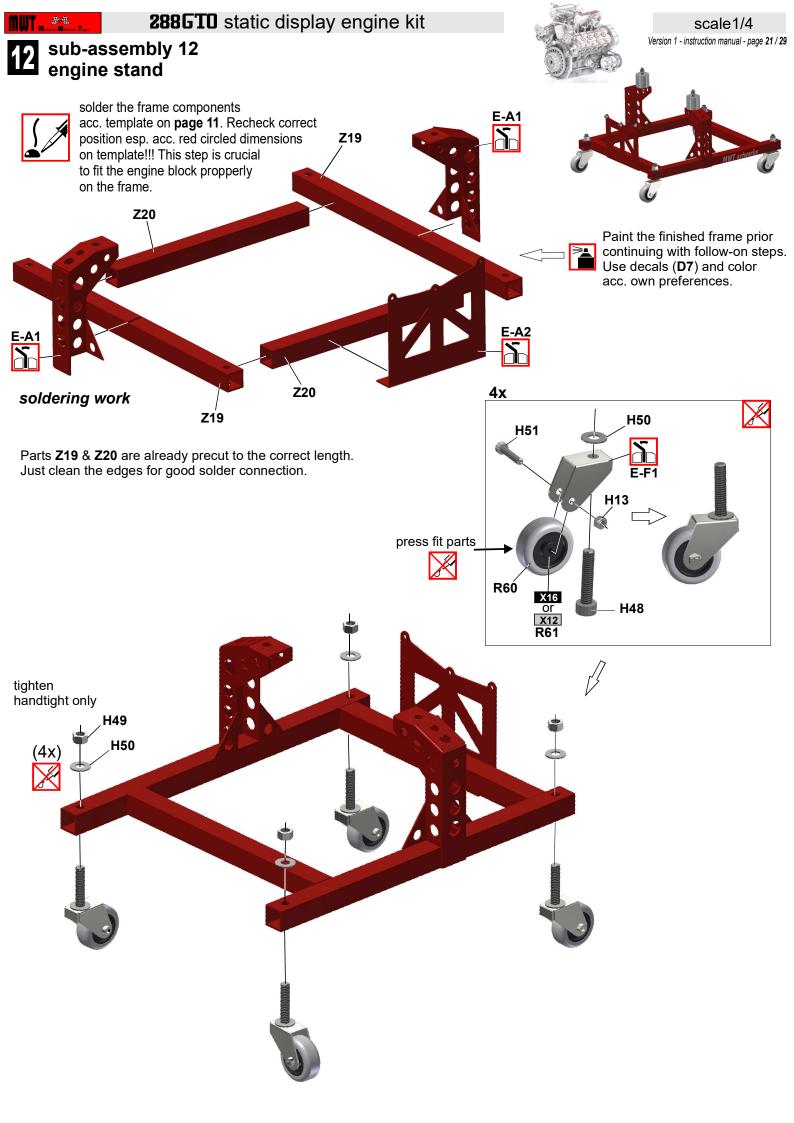






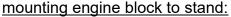


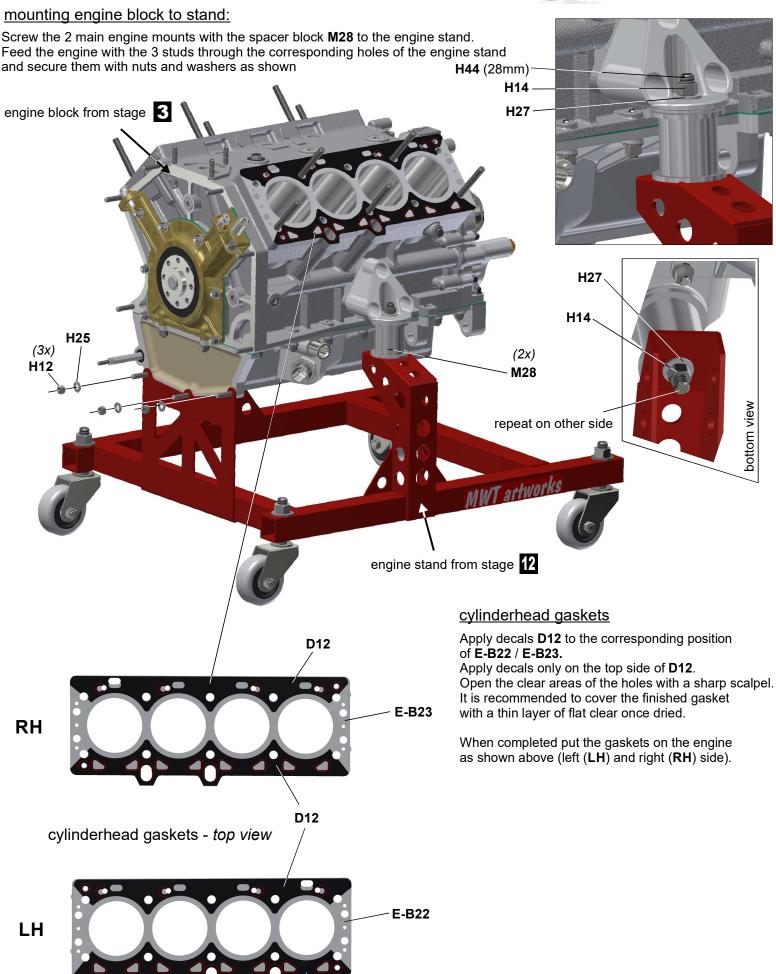




bottom view

final construction





D12

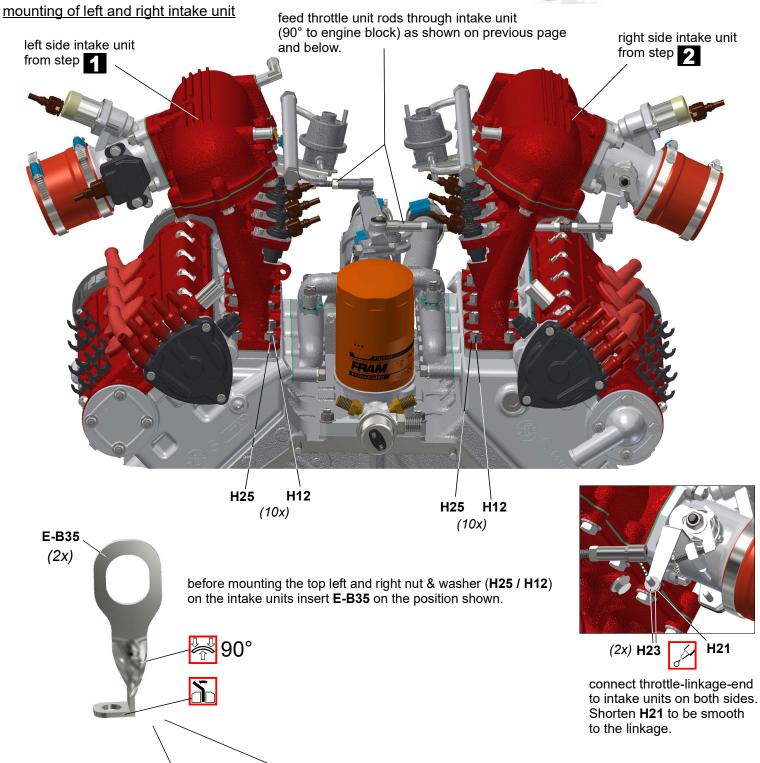
positions

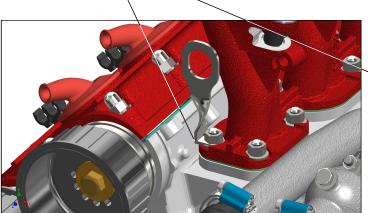
H12 (4x)

H25

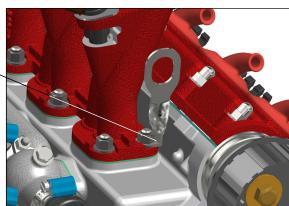
13.4 final construction



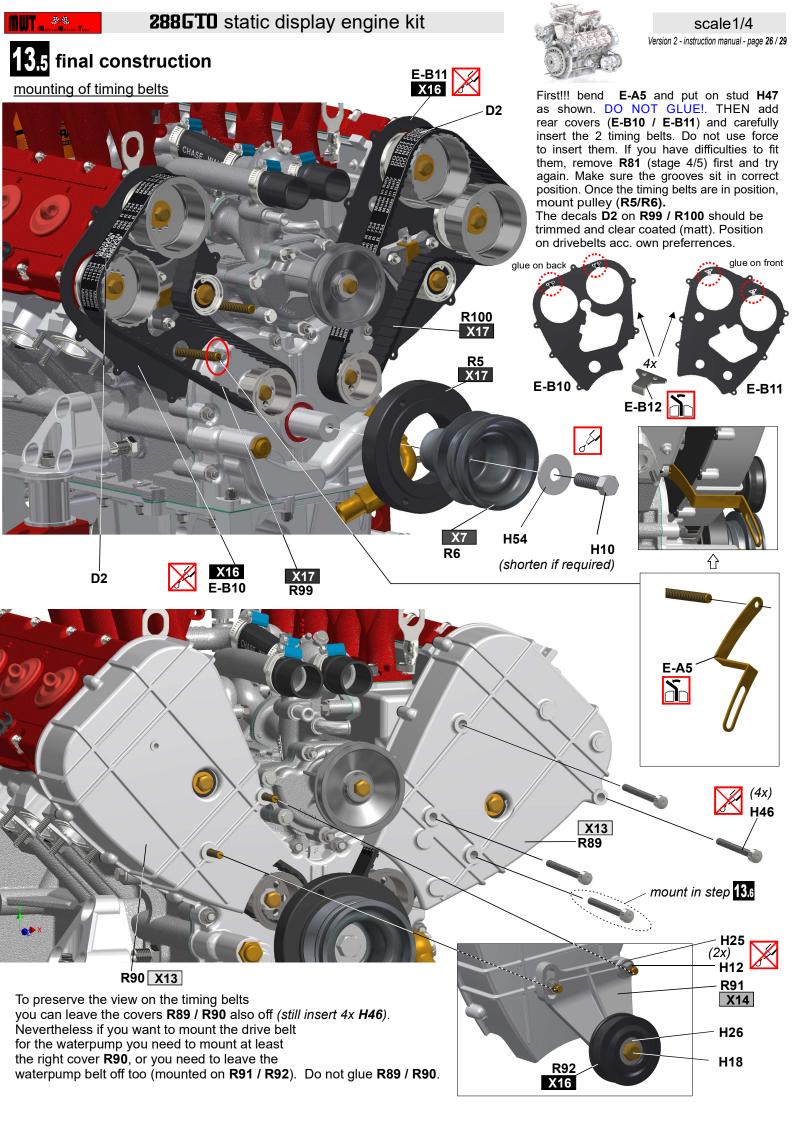




right engine side viewed from front



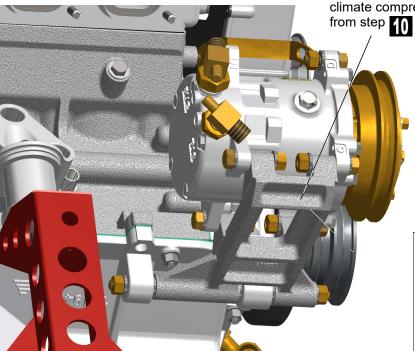
left engine side viewed from front



13.6 final construction

Do not use force!!!

mounting of climate compressor and alternator

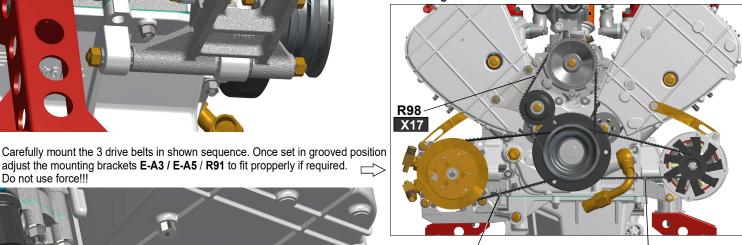


climate compressor unit



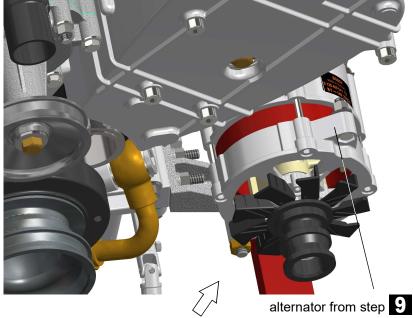
mount the climate compressor as shown and as labeled during building stage 10 Make sure to put a washer on each side of the mounting brackets for the lower mounting points.

mounting the drive belts



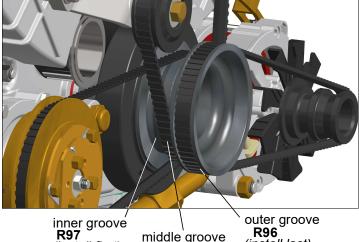
X17 R97

R96 X17



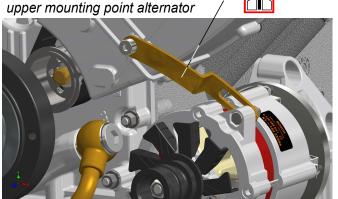
adjust the mounting brackets E-A3 / E-A5 / R91 to fit propperly if required.

E-A3

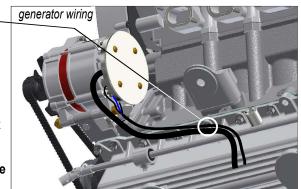


middle groove **R98** (install second) (install first)

R96 (install last)



route all wires through **E-B26.** Mount **E-B26** at shown position using the nut H12. Let the wires hang loose



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13.7 final construction

mounting of hoses and tubes

