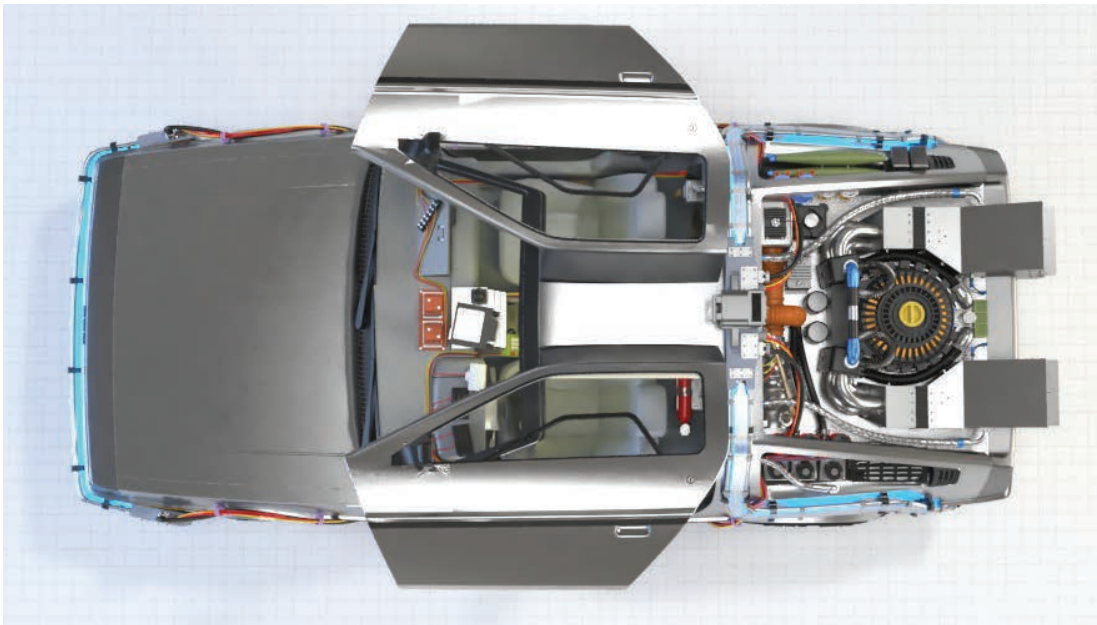
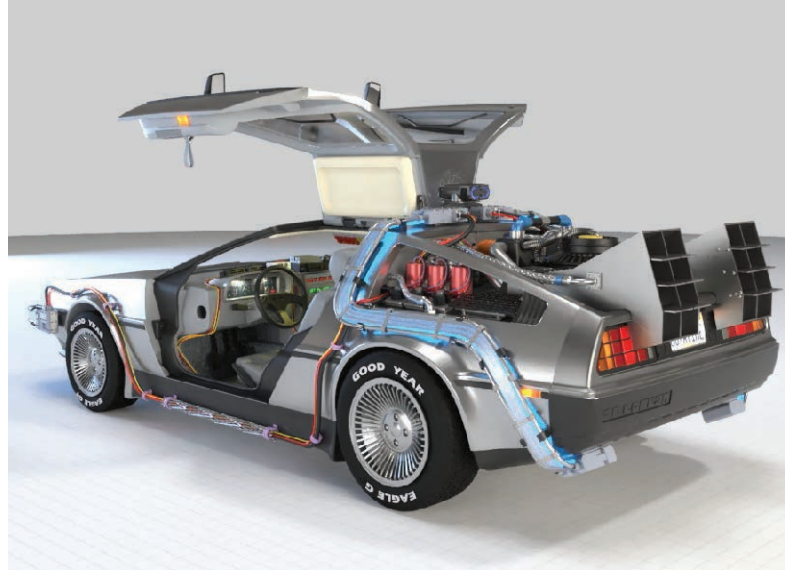
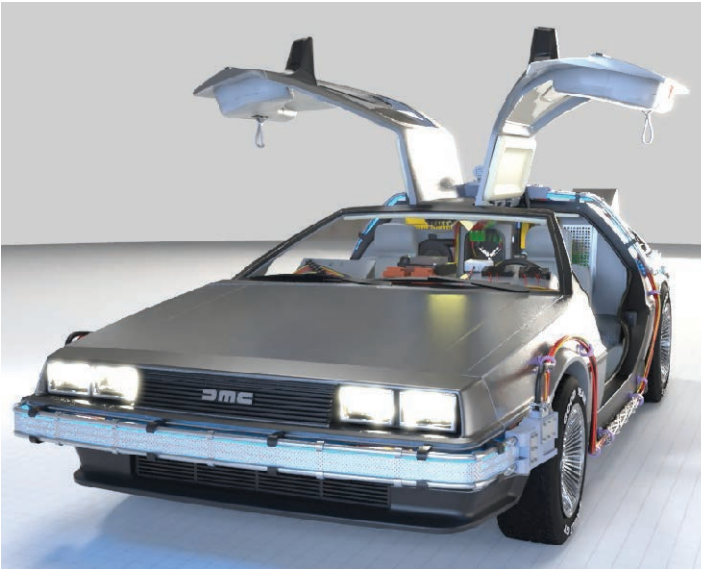


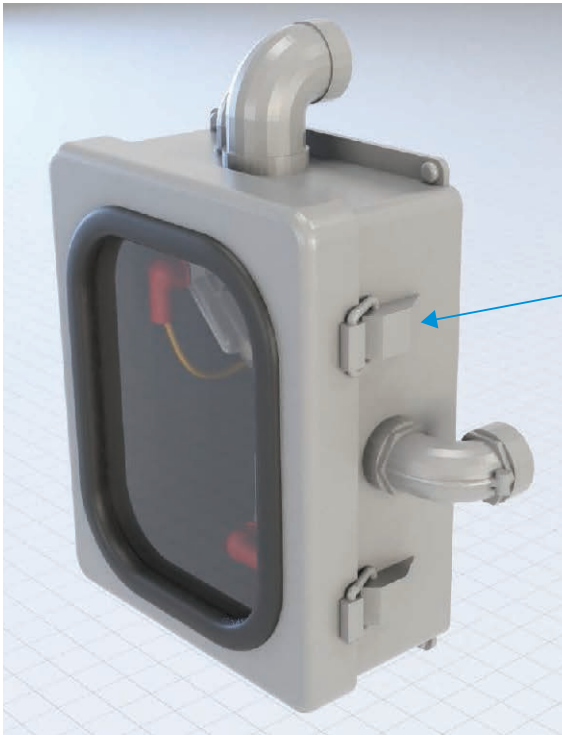
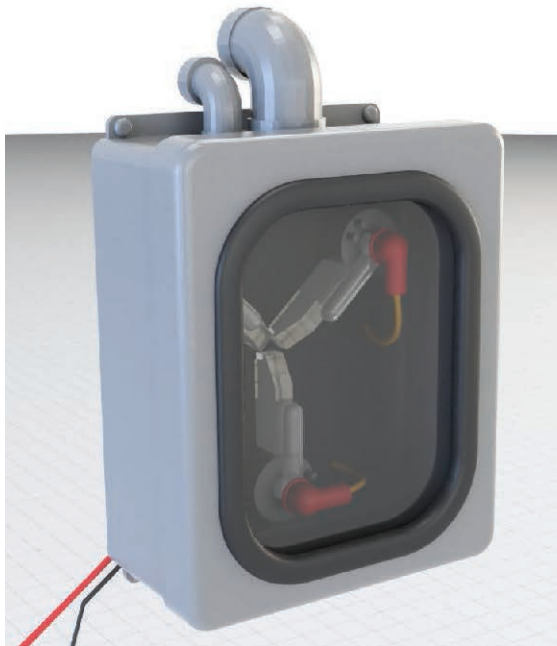
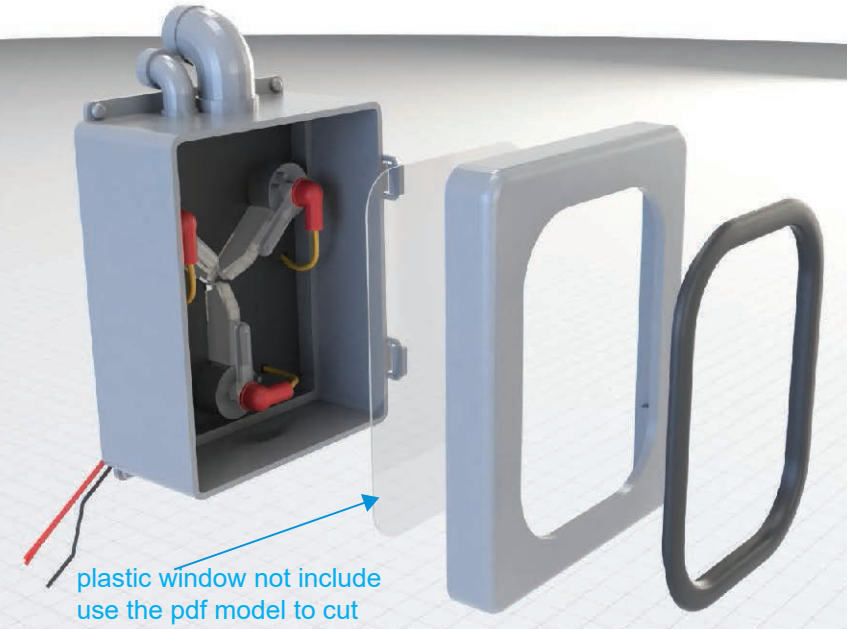
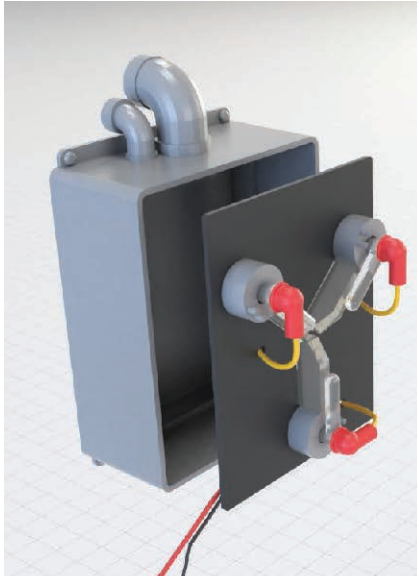
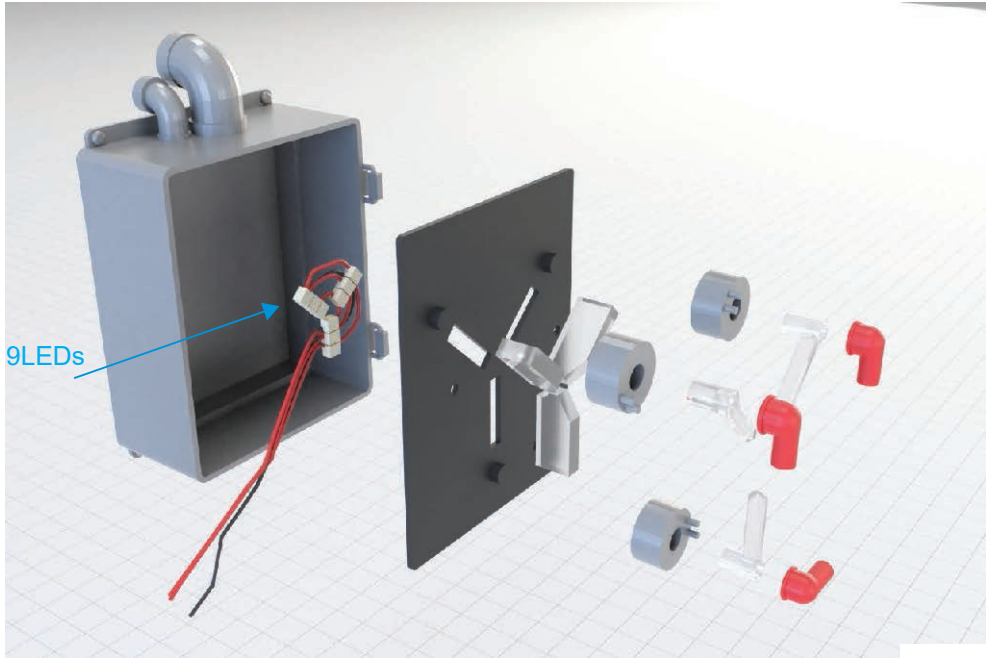
DELOREAN BACK TO THE FUTUR DID3D

3DPRINTING EDITION
building instructions



Final Version





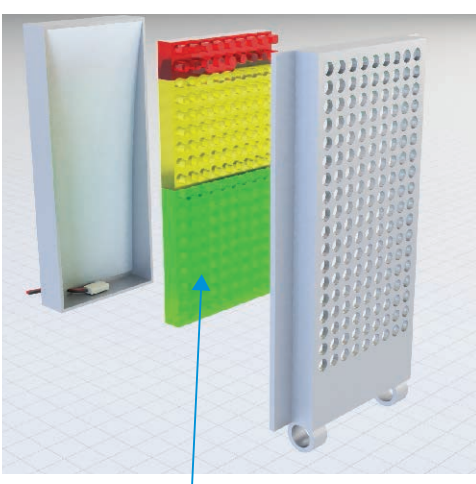
heated a little for adjusted



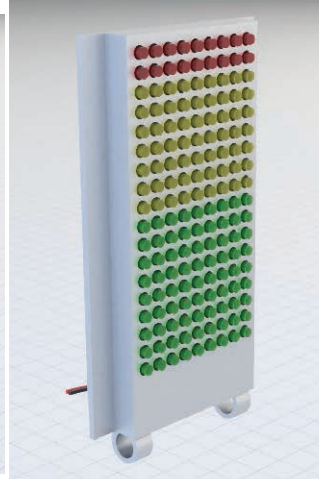
+



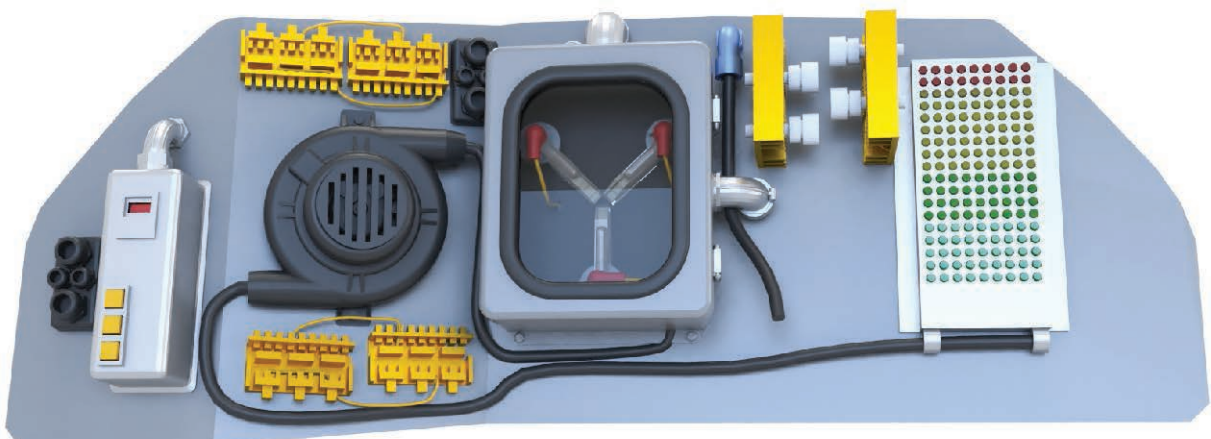
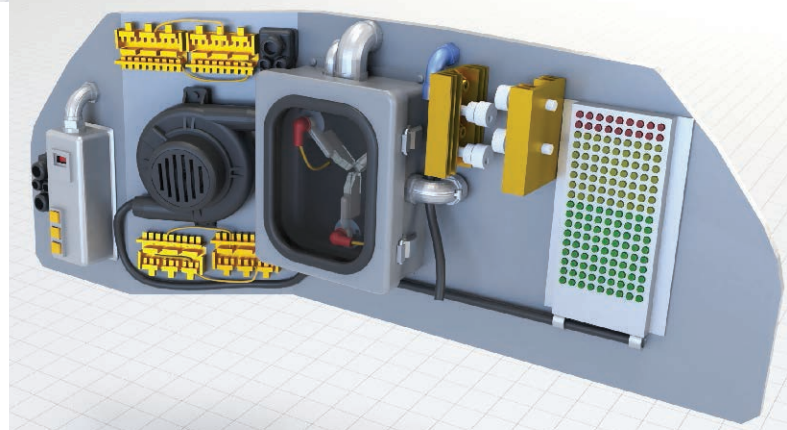
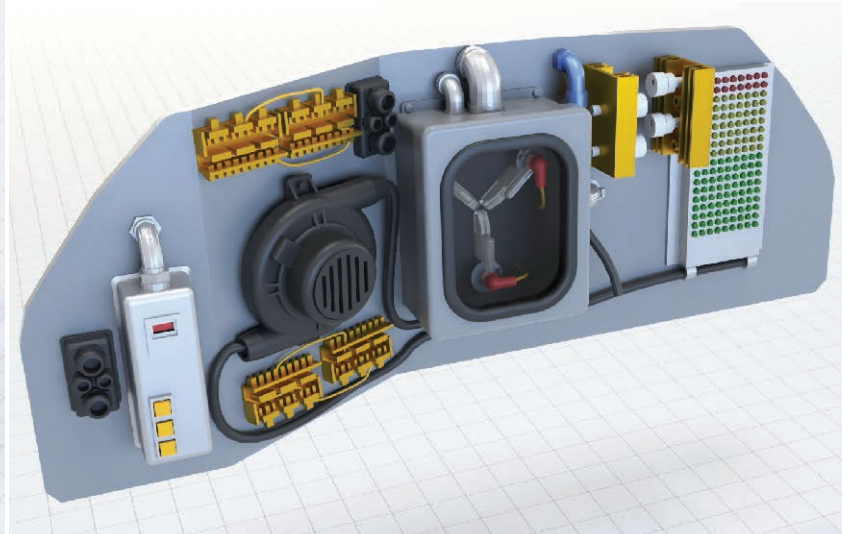
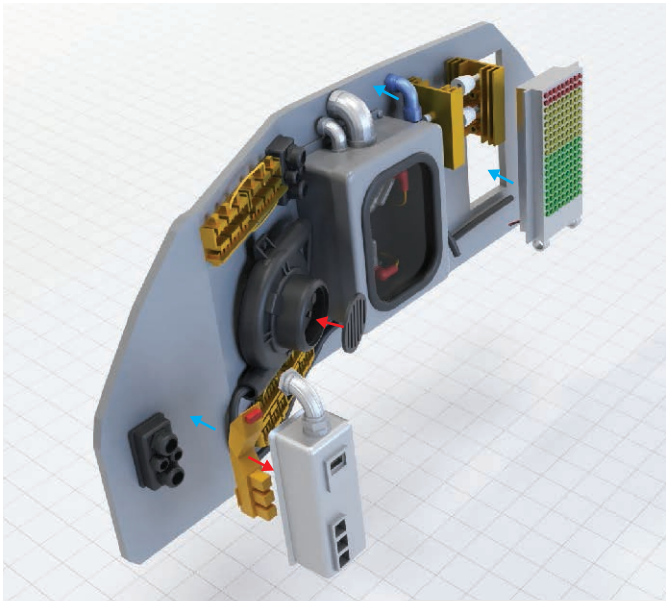
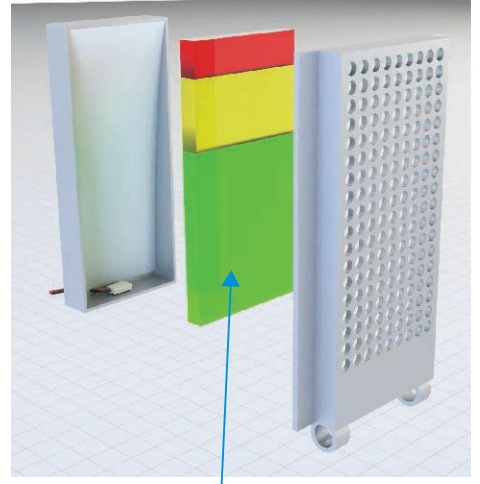
Use cyanoacrylate glue and accelerator spray is recommended for all components

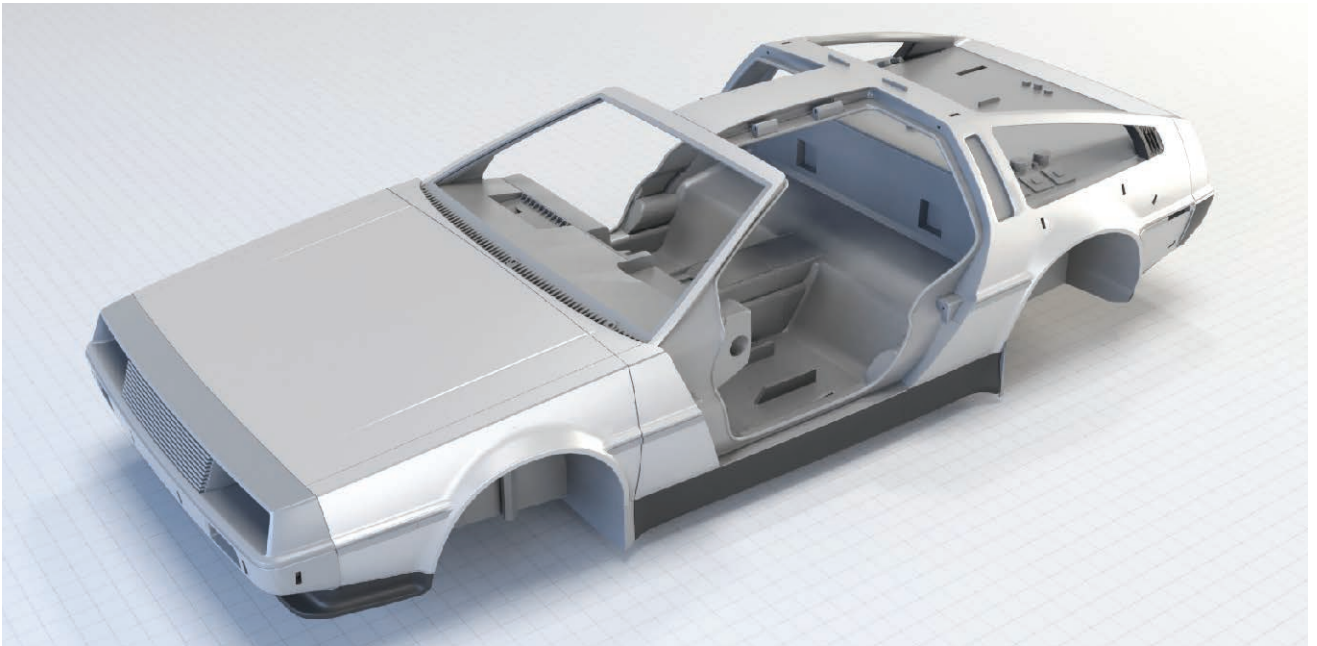
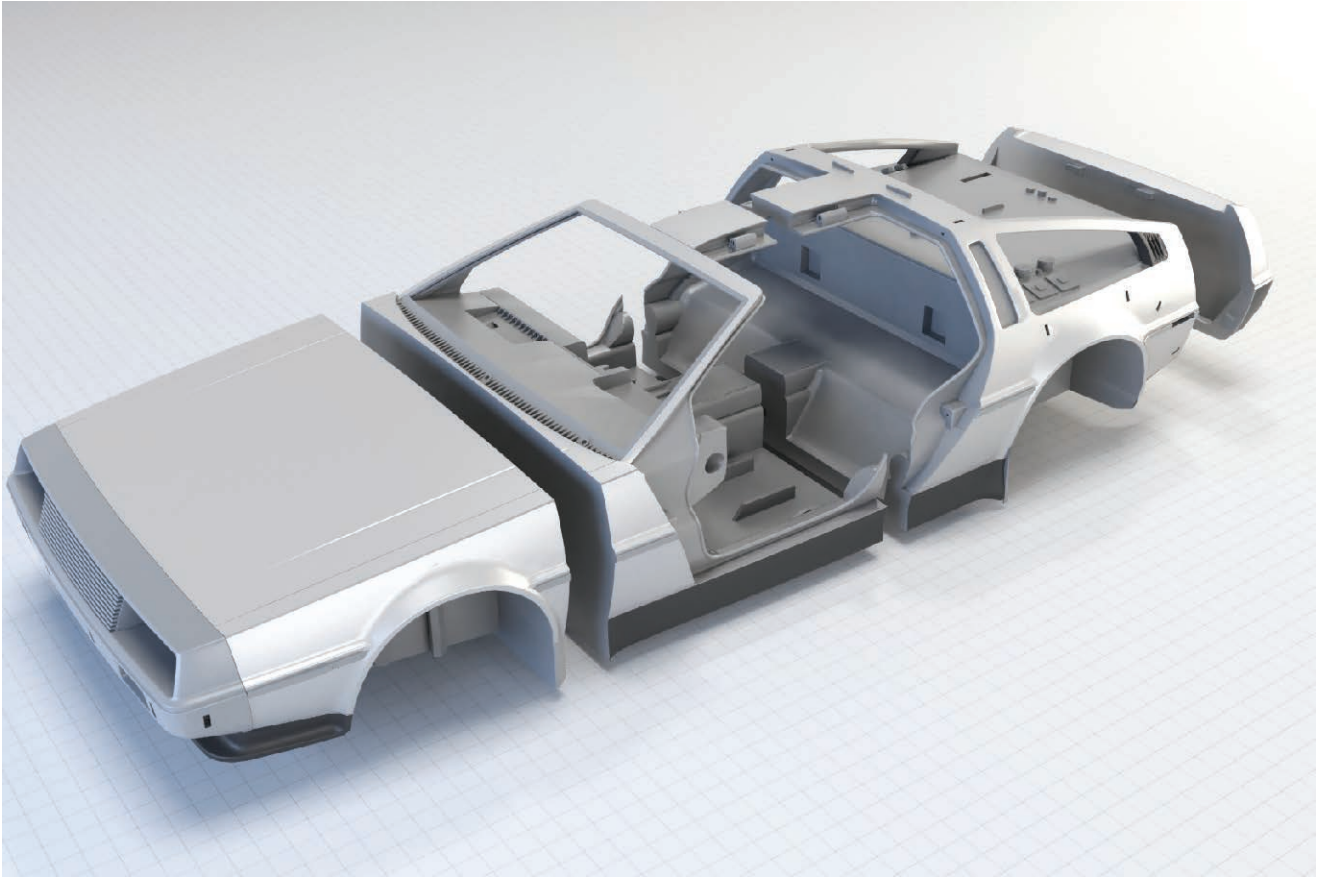


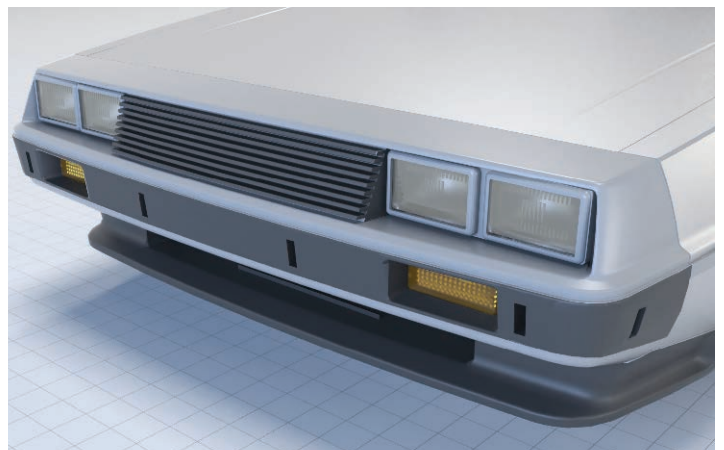
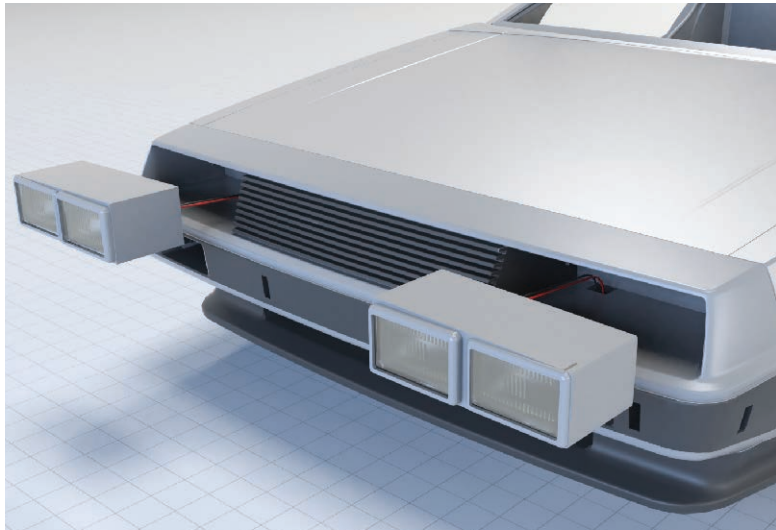
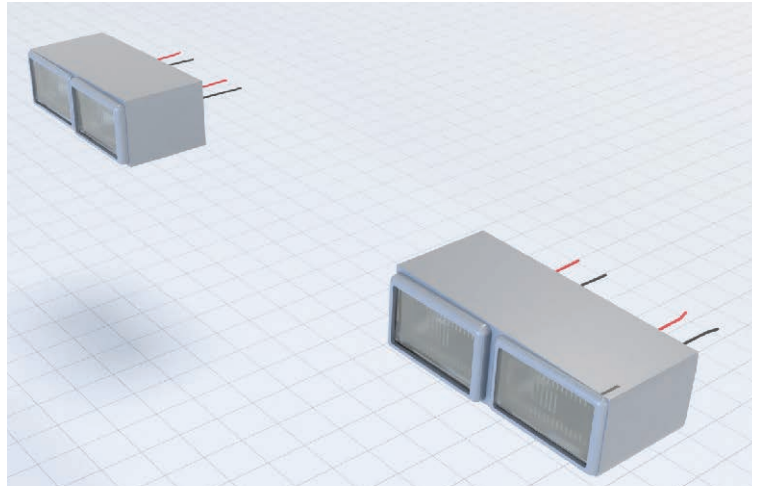
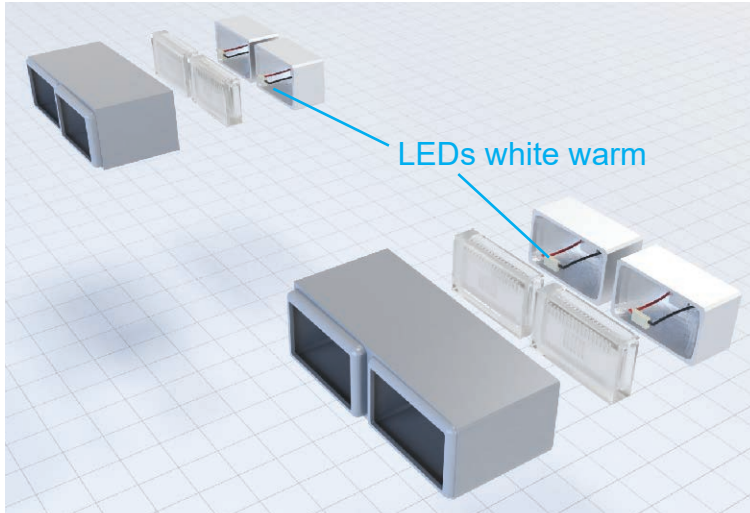
Option 1 with relief panel clear pla (hard to print)

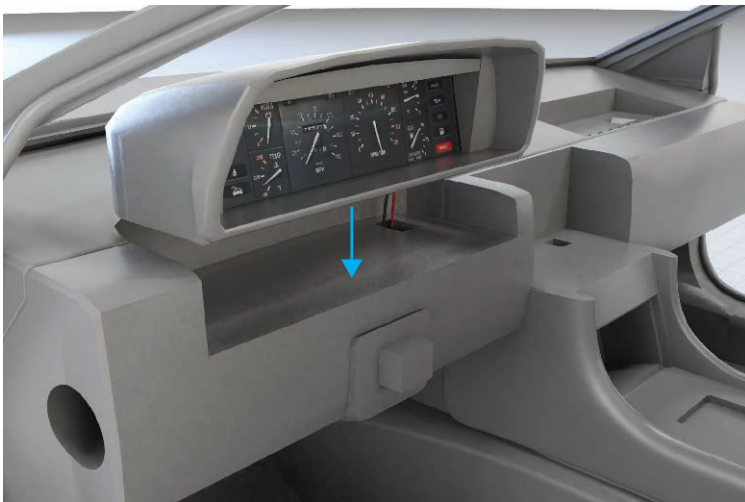
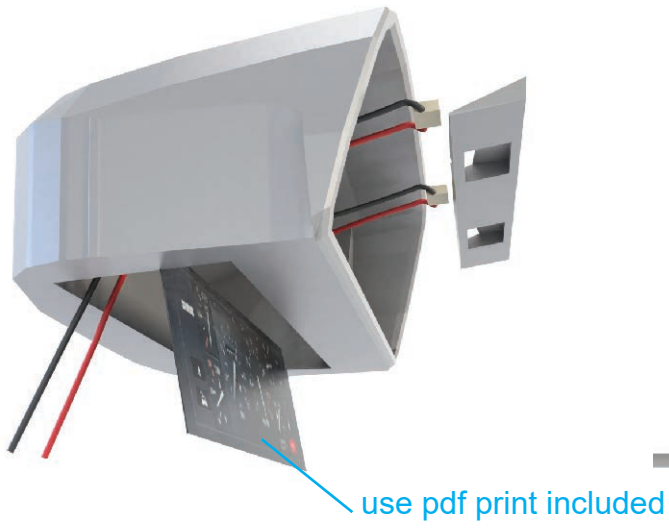
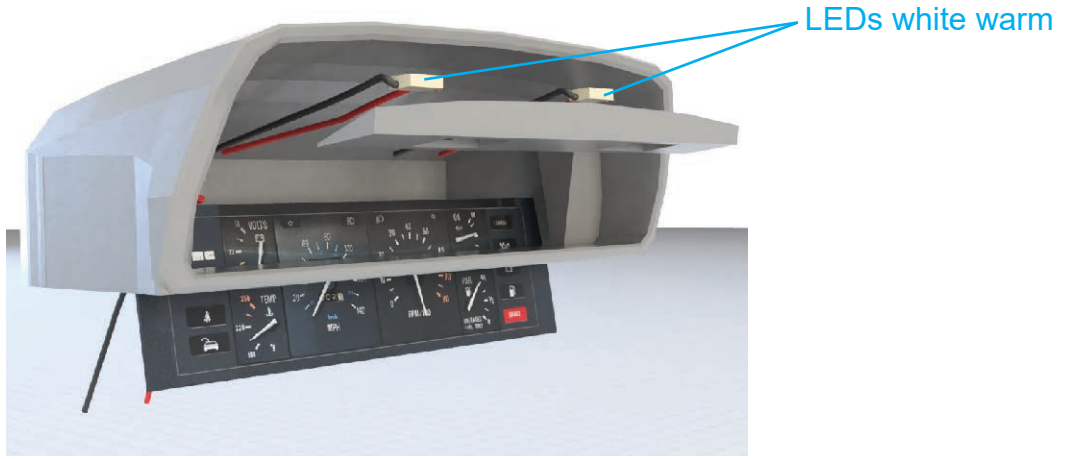


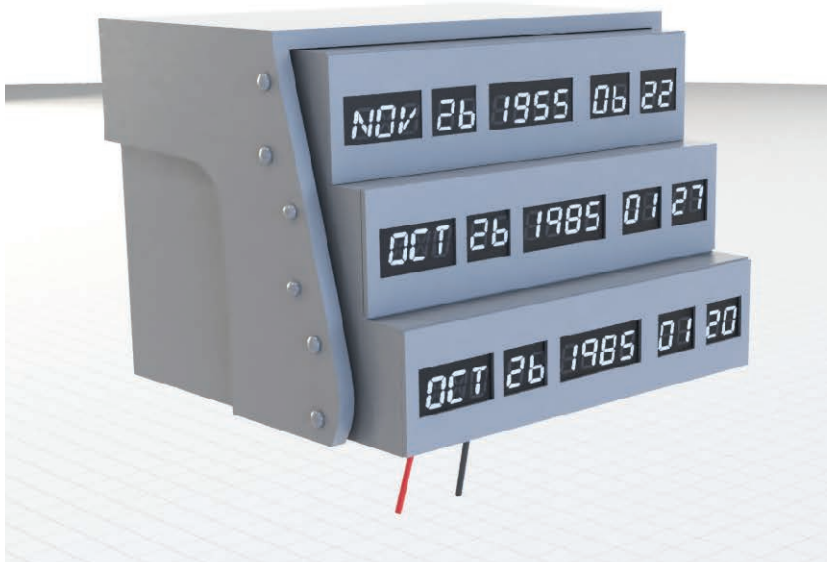
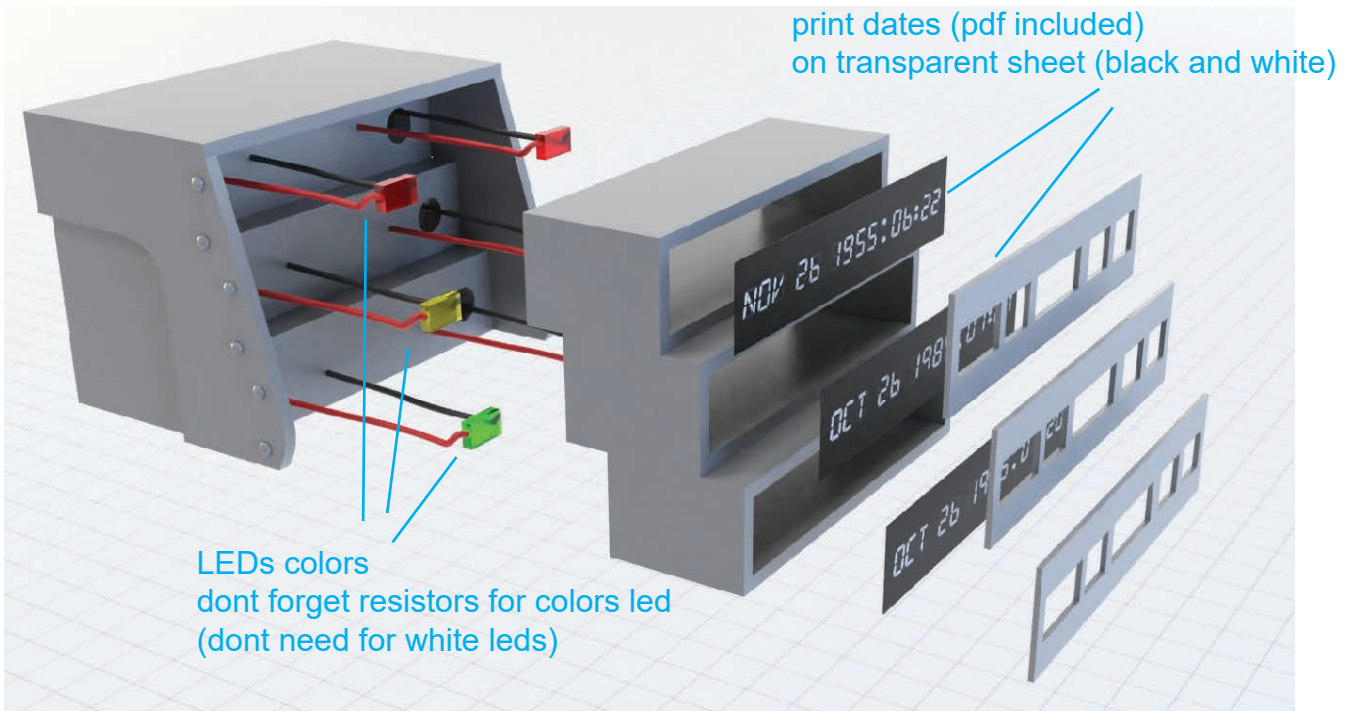
Option 2 with plate panel clear pla(easy to print)







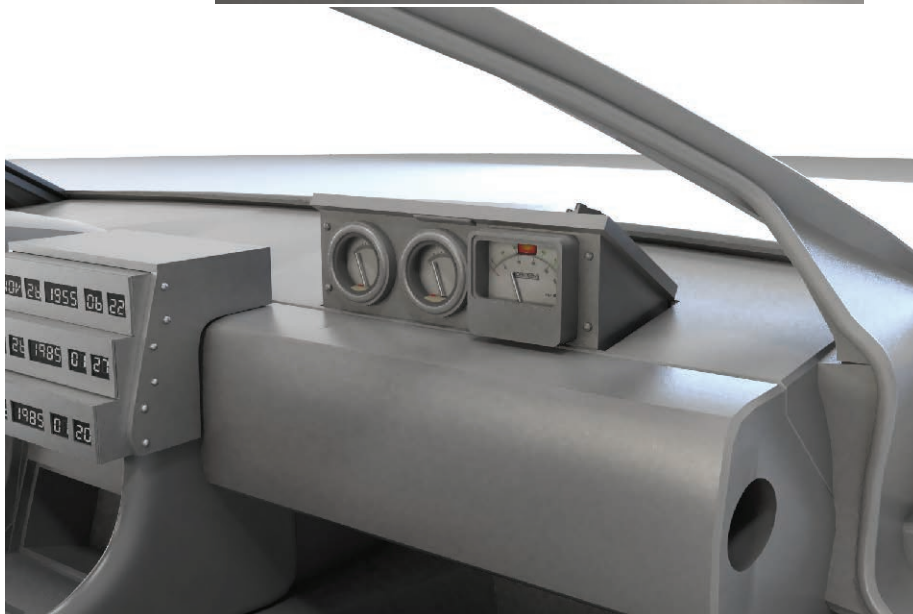
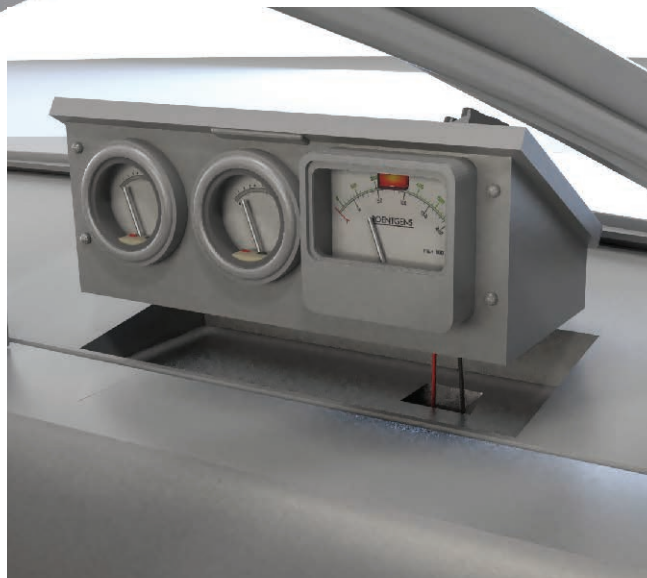
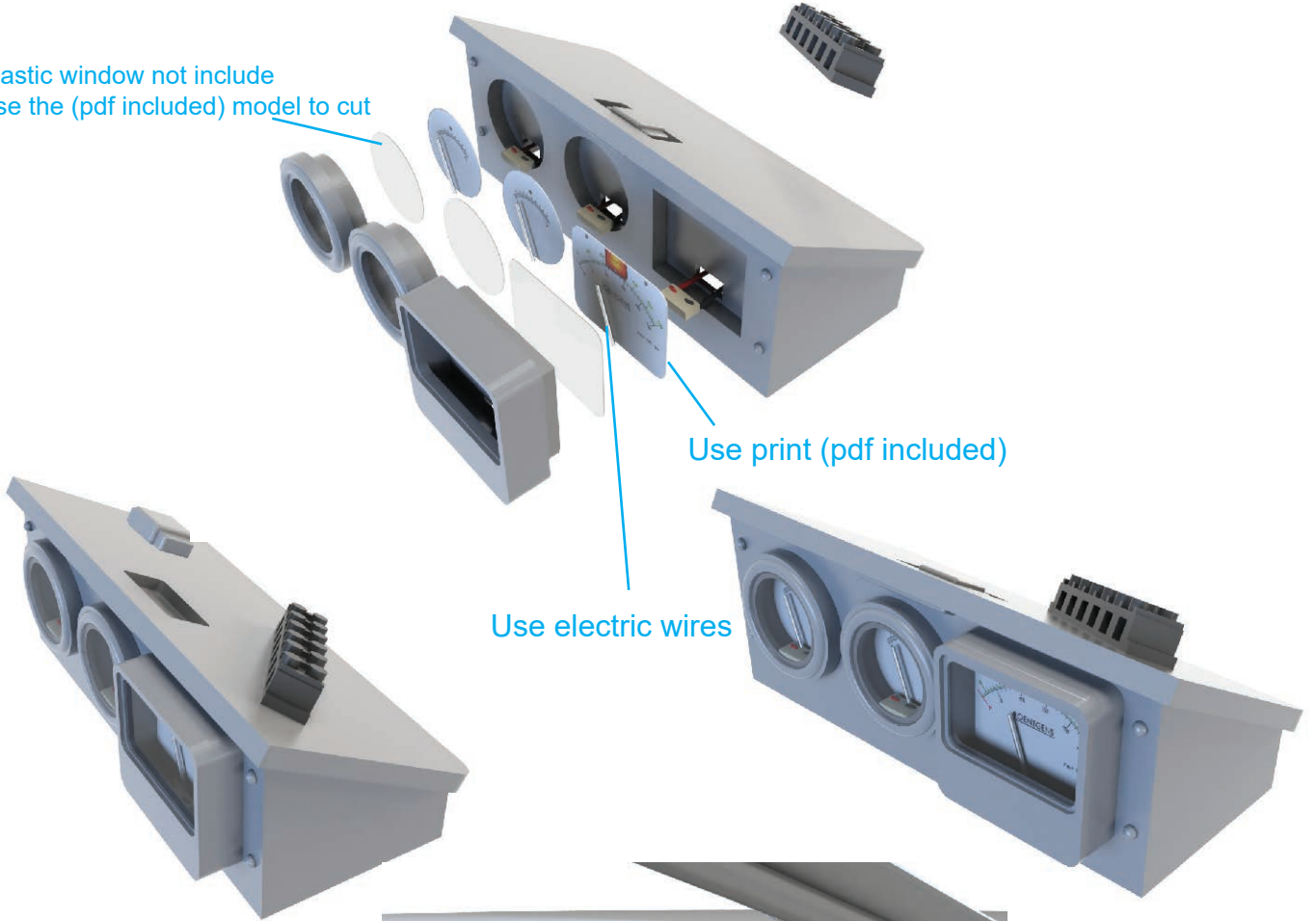




plastic window not include
use the (pdf included) model to cut

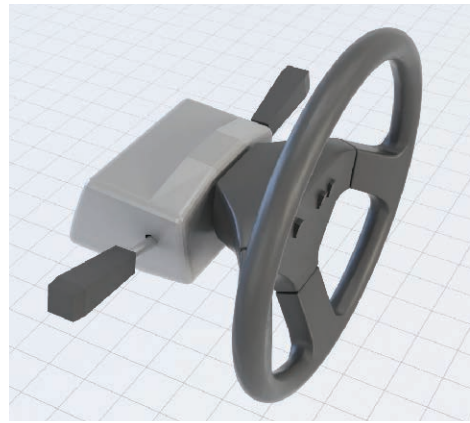
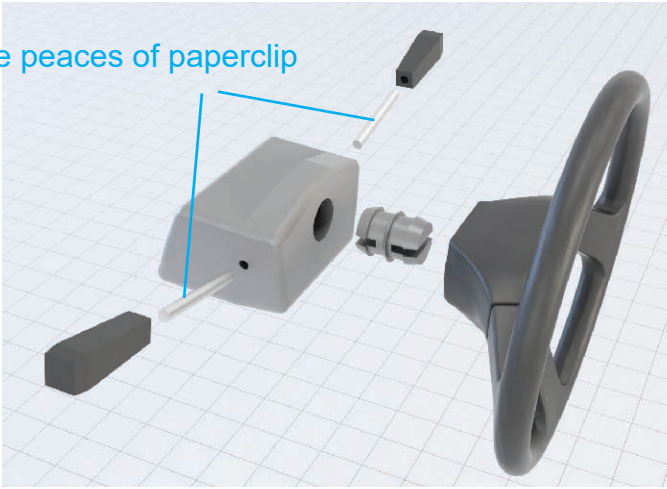
Use print (pdf included)

Use electric wires

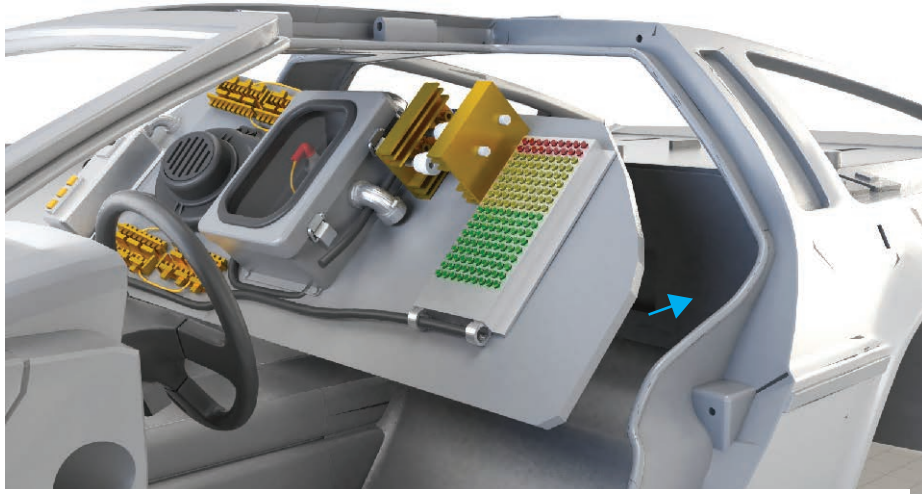


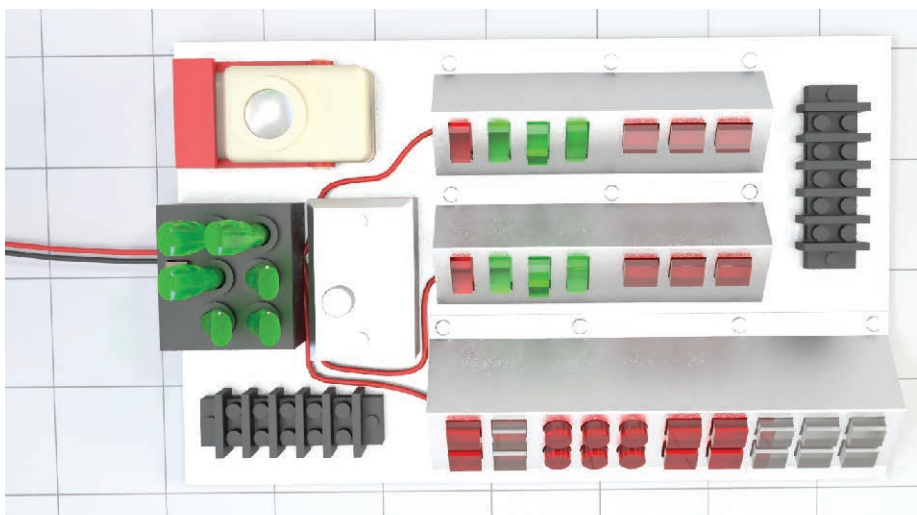
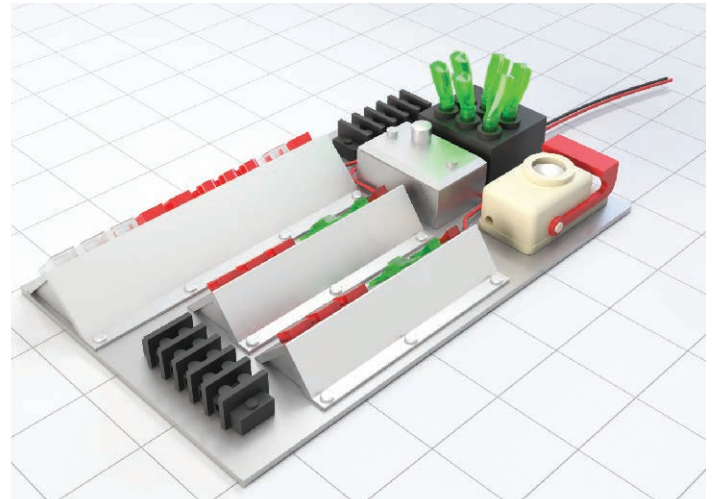
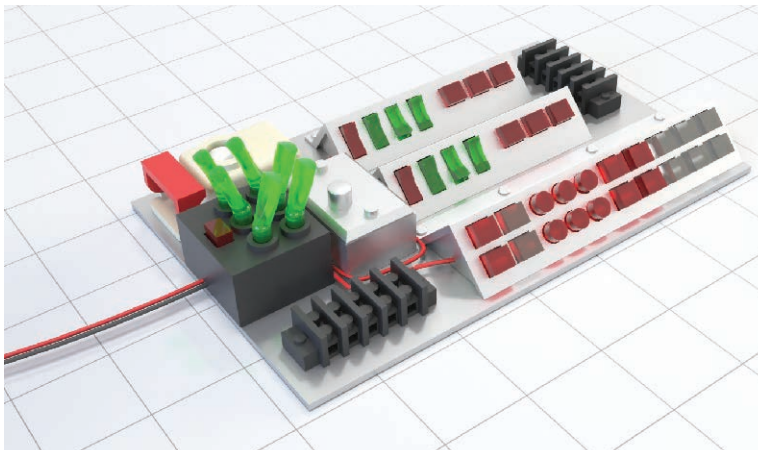
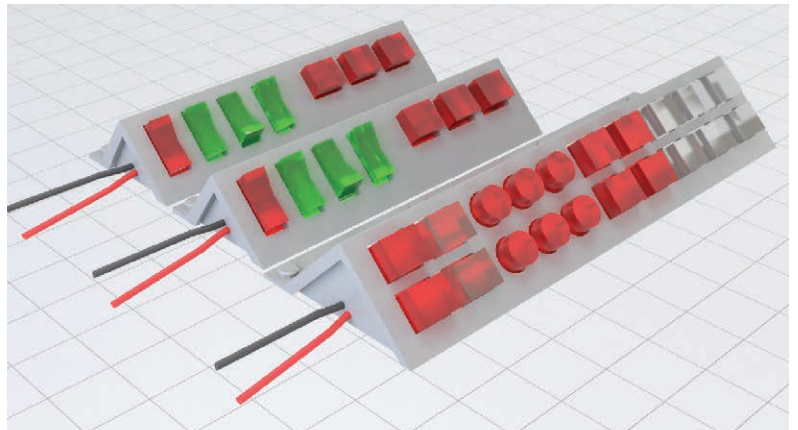
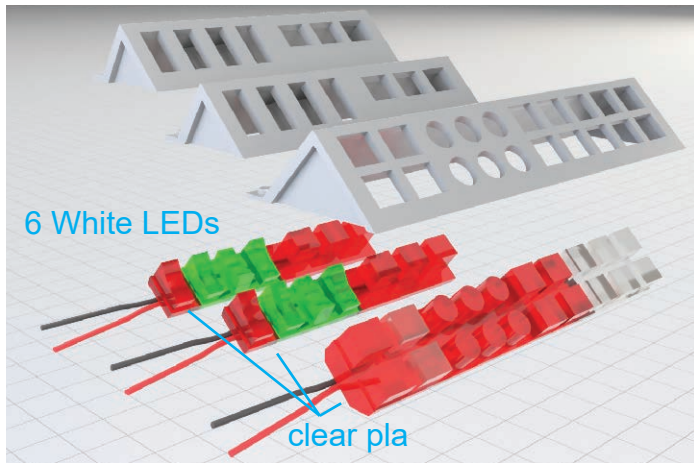
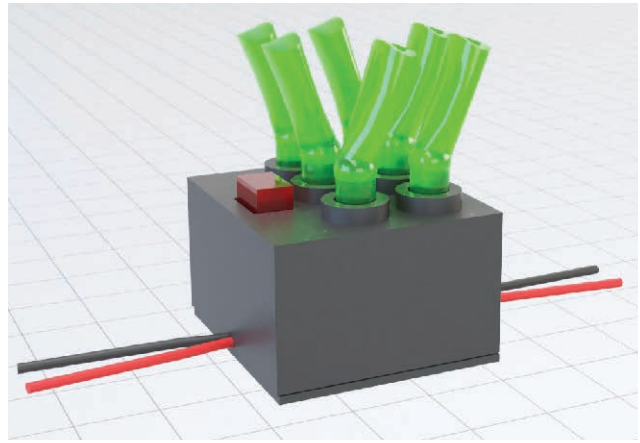
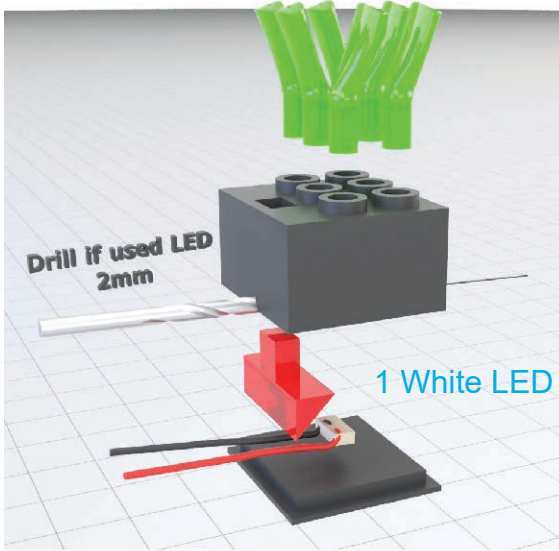


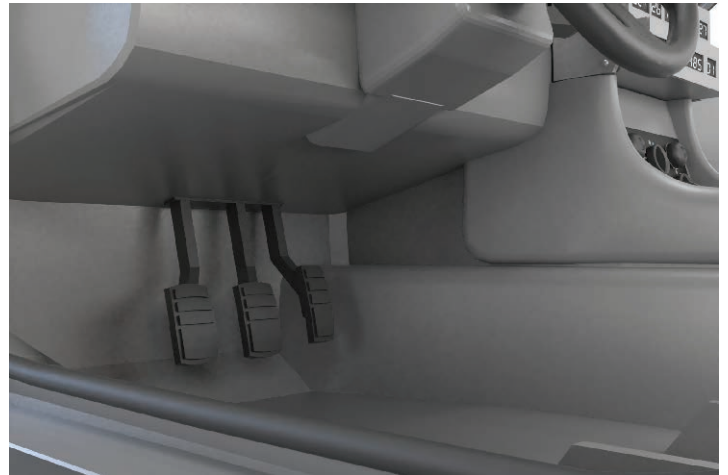
Use peaces of paperclip

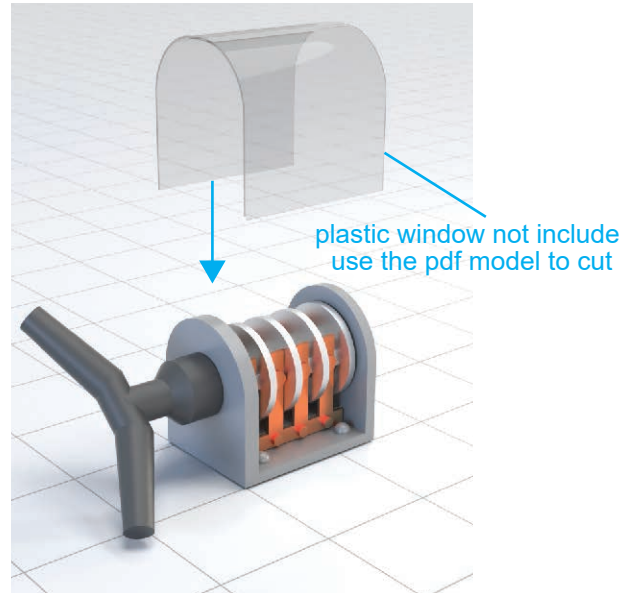
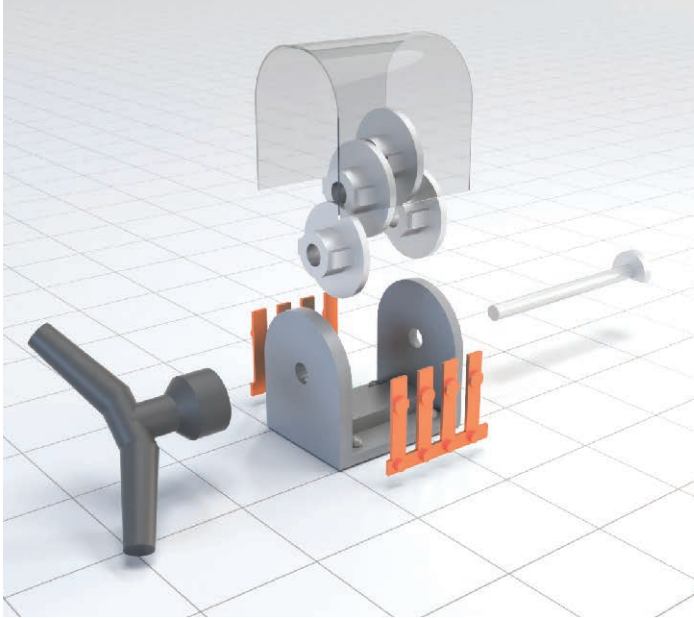




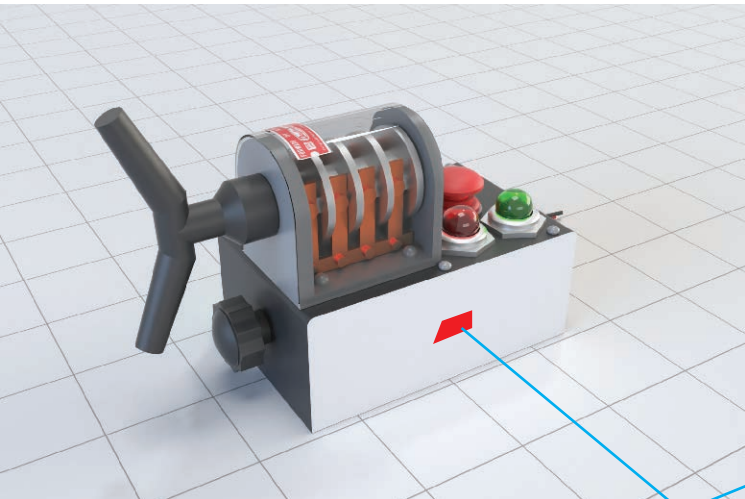
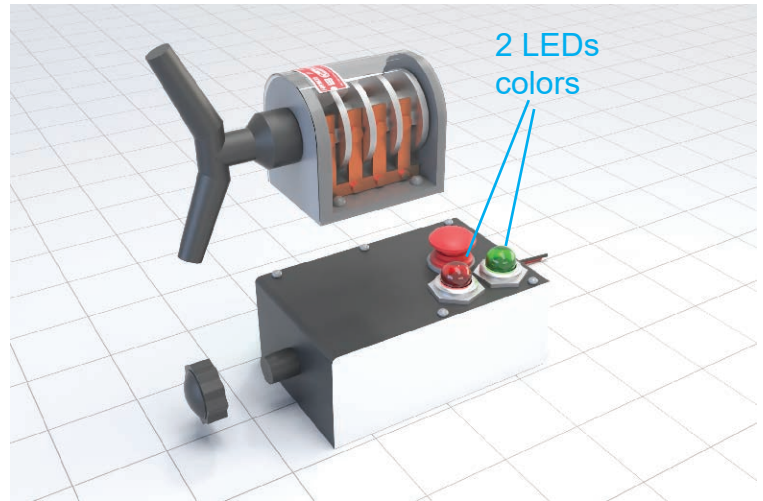
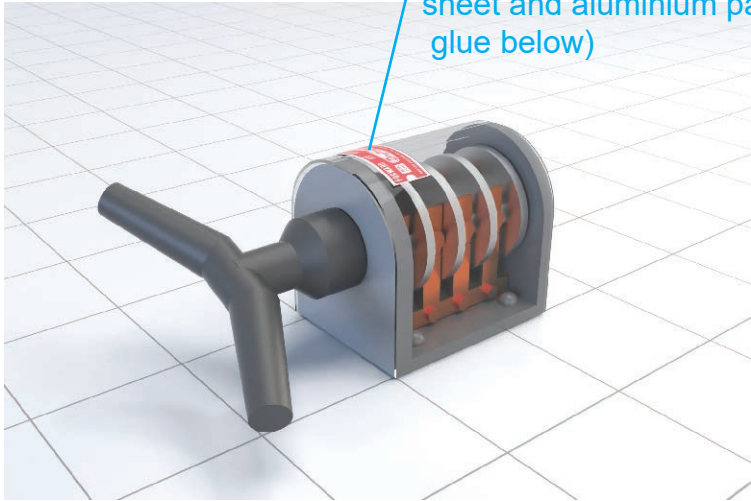




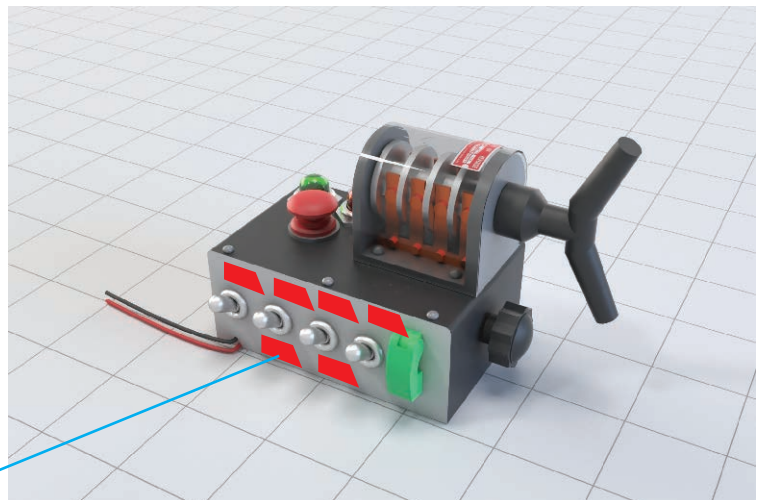


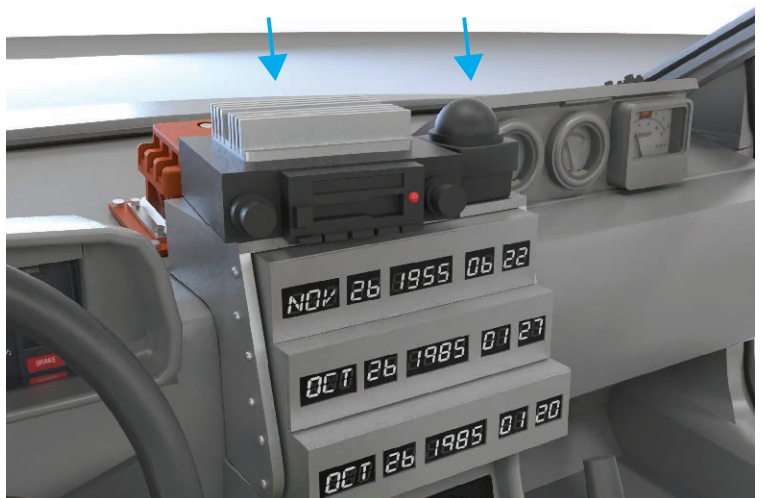
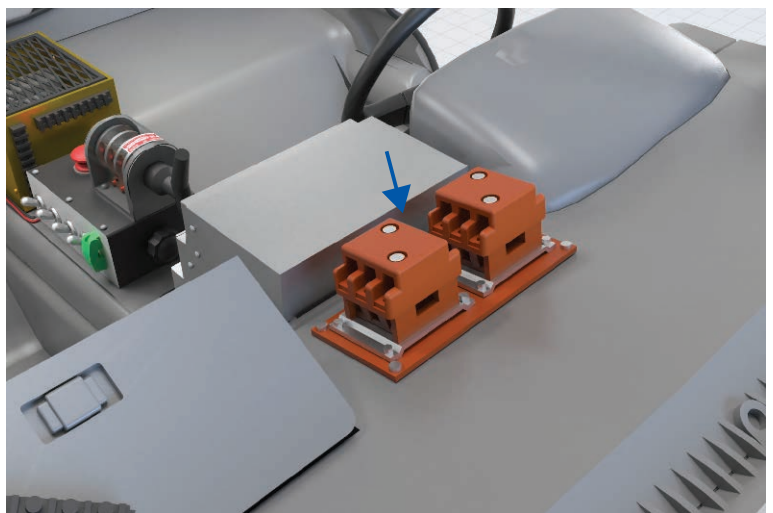
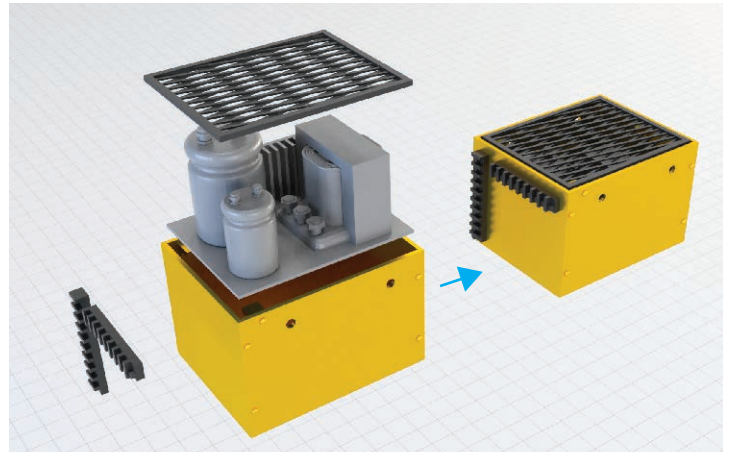


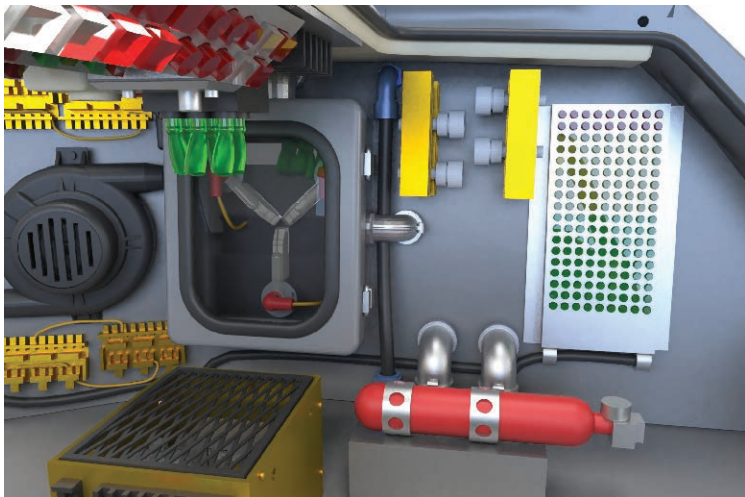
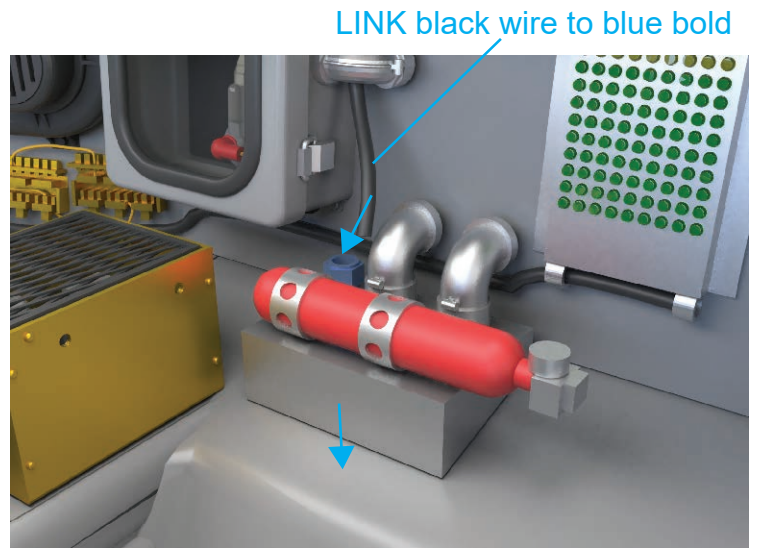
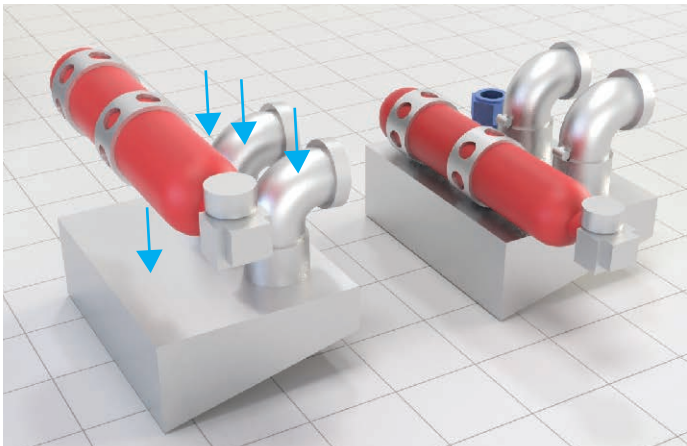
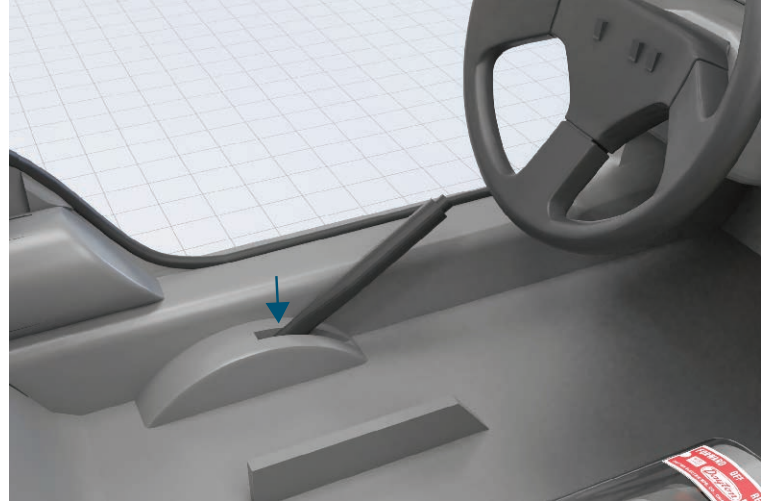
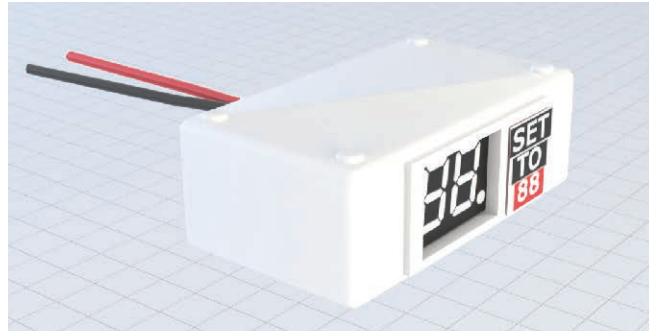
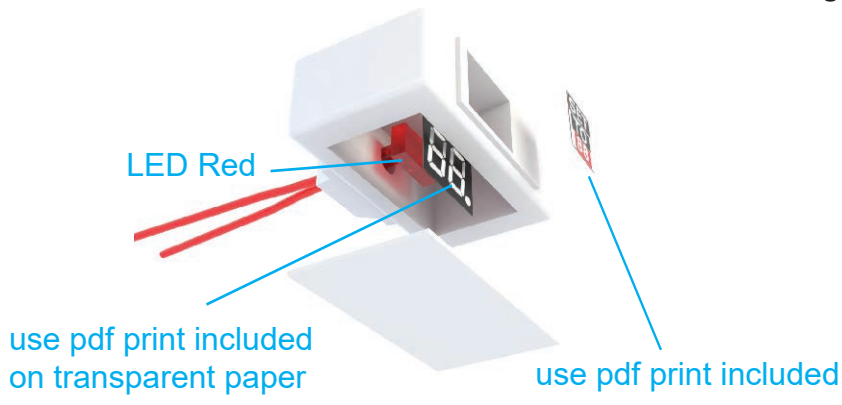
use pdf print
(included)(tip:best render
with print on transparent
sheet and aluminium paper
glue below)



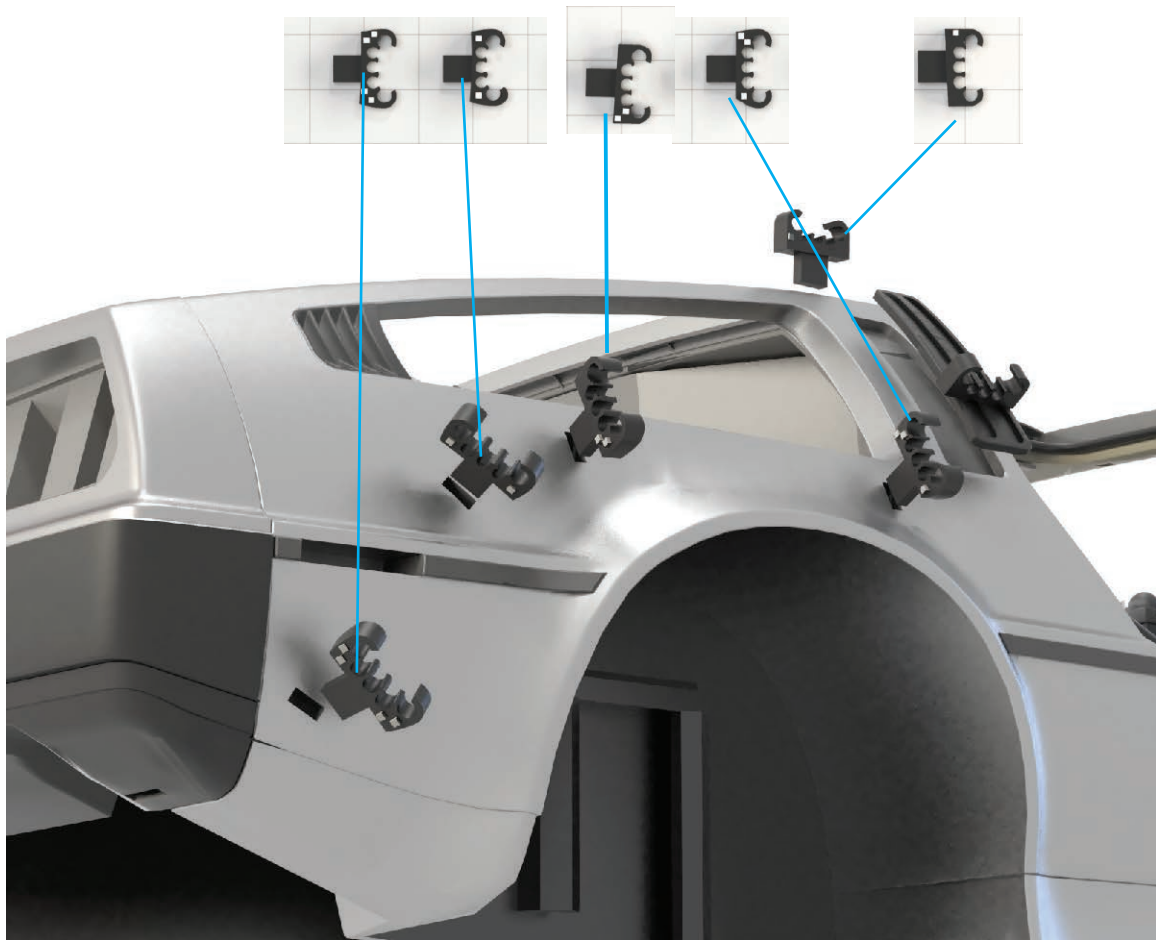
use pdf print
(included)

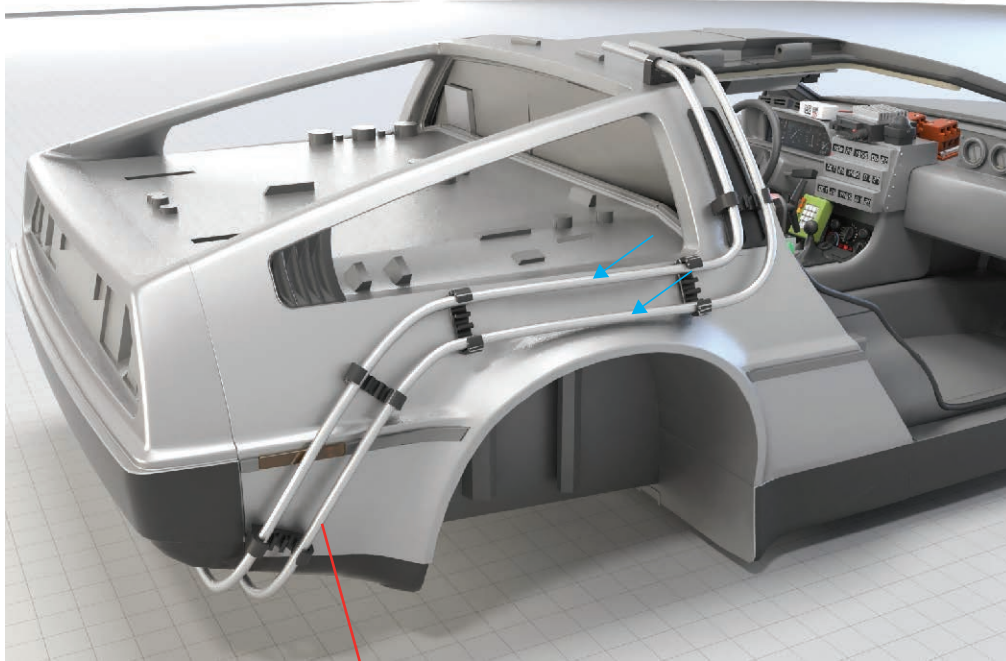
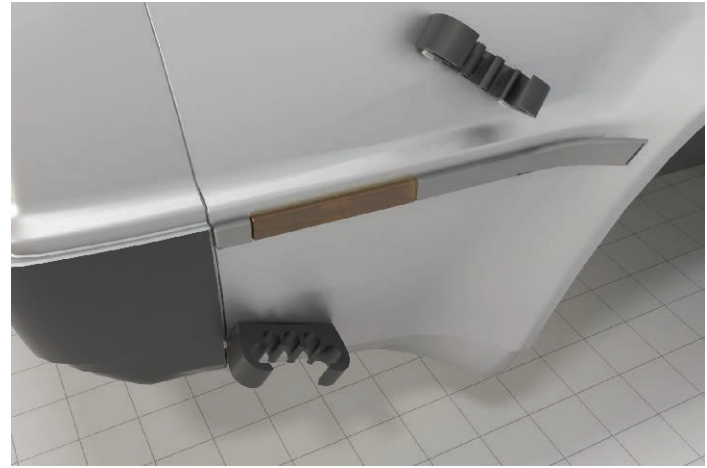
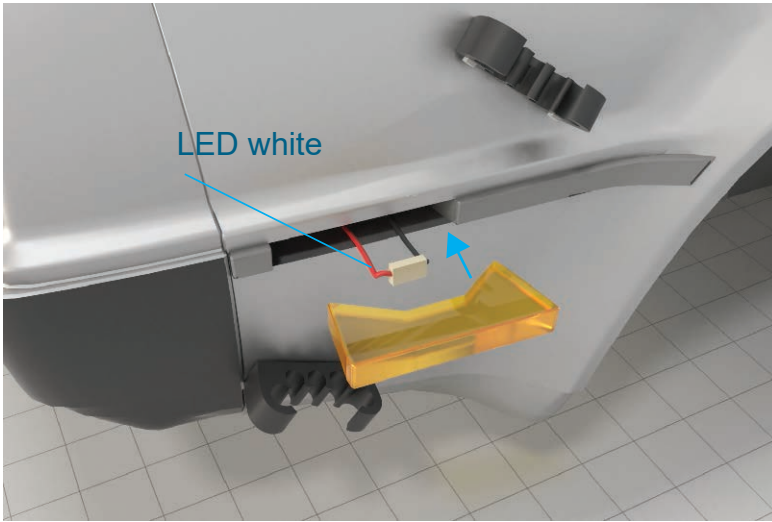






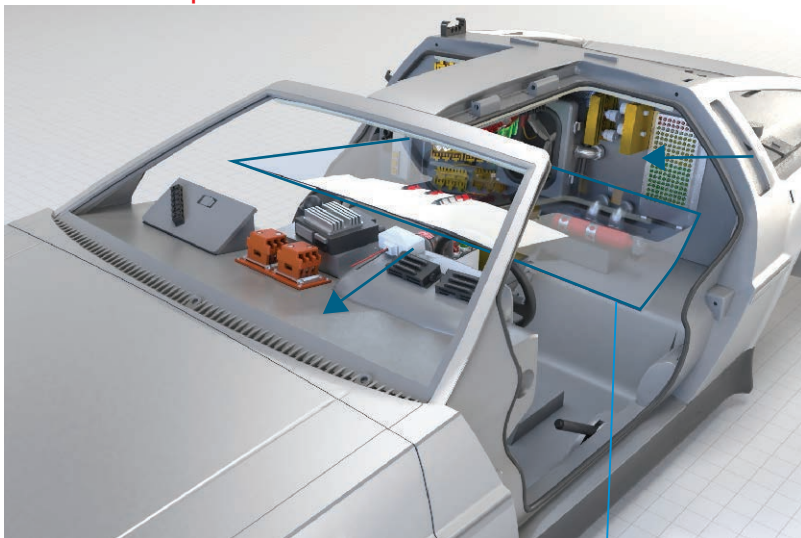
respect the meaning



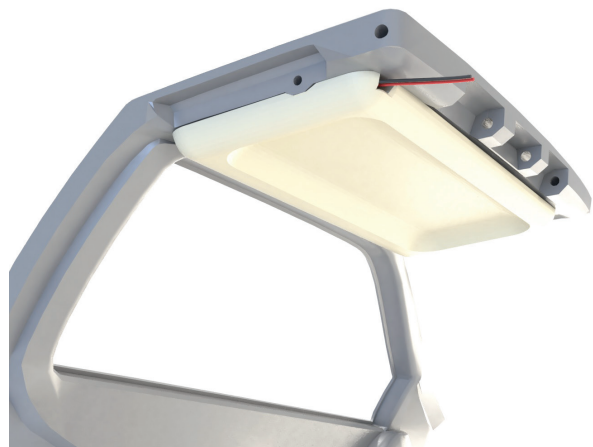
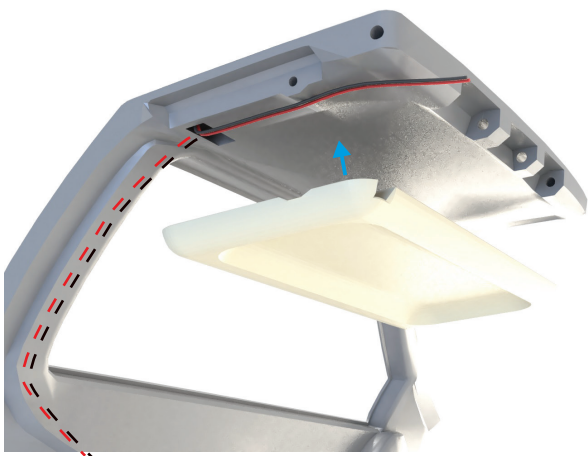
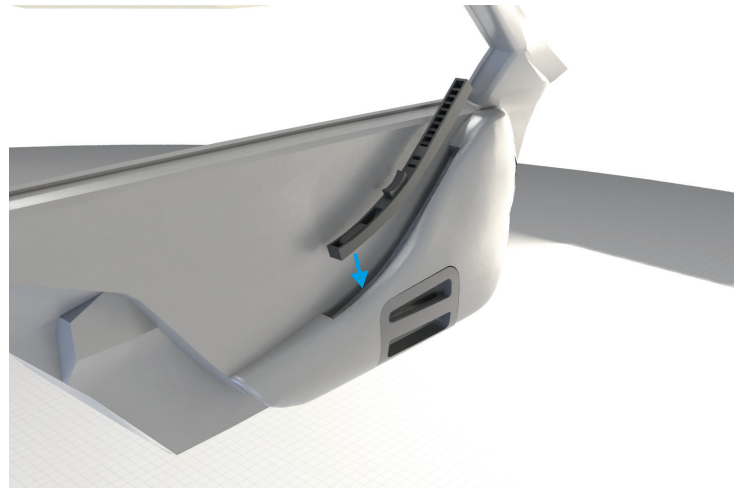
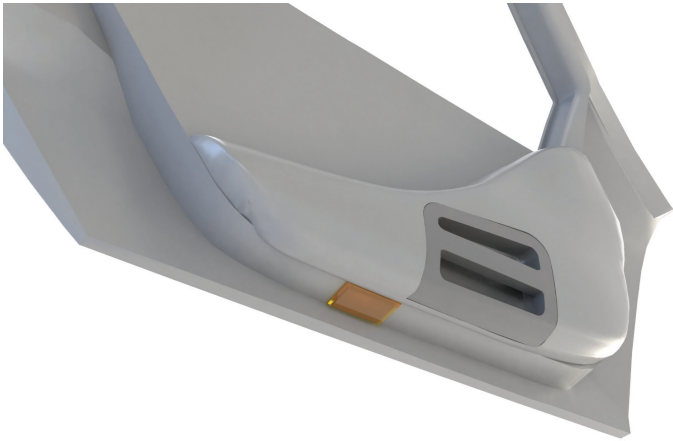
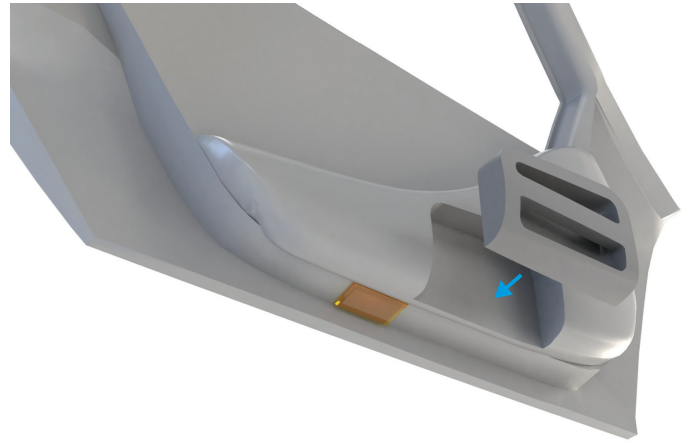
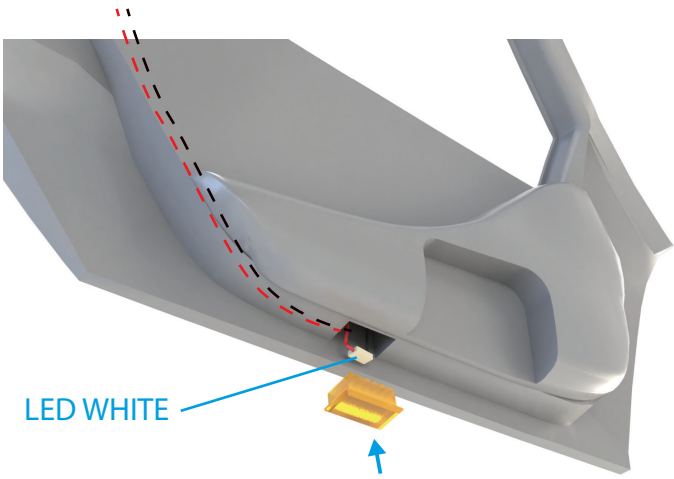


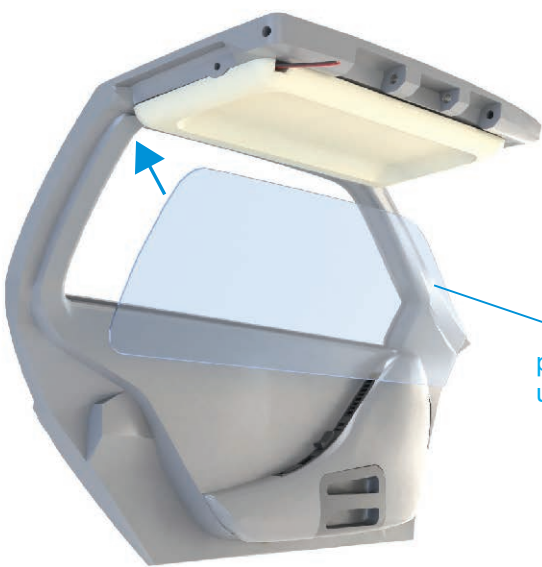
if you are unable to printed the too fine pipes used option 2 (file "pipes_rear_X4_OPTION2.STL") and read tip page 43

please install interior decoration color lines/wires before putting windows and doors

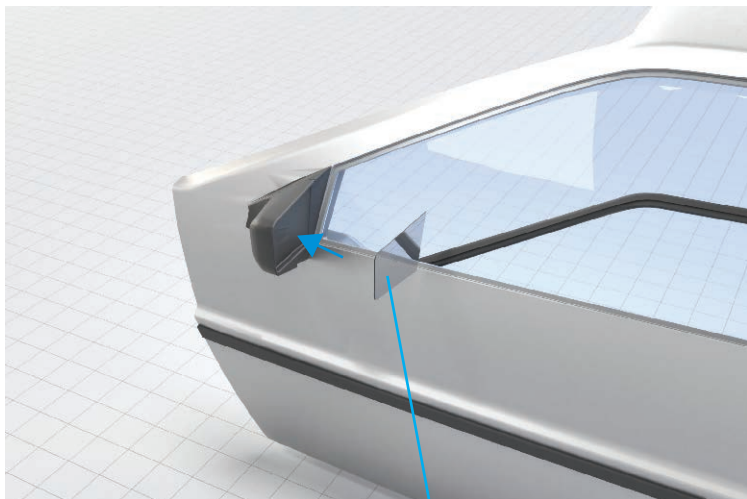
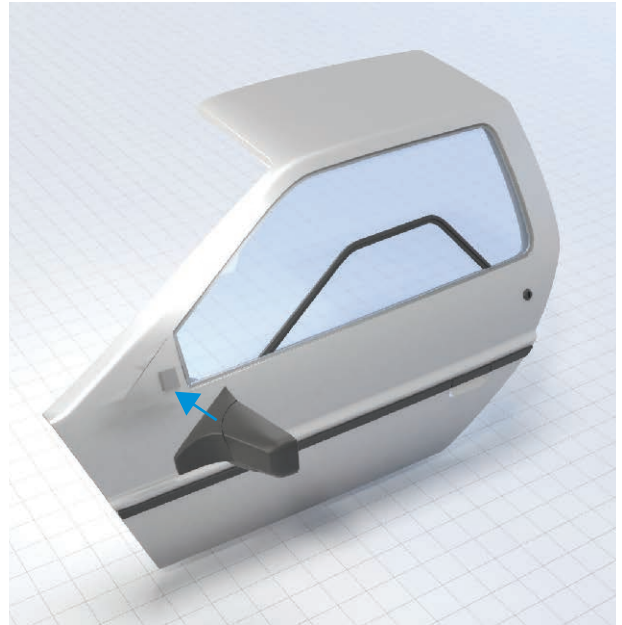
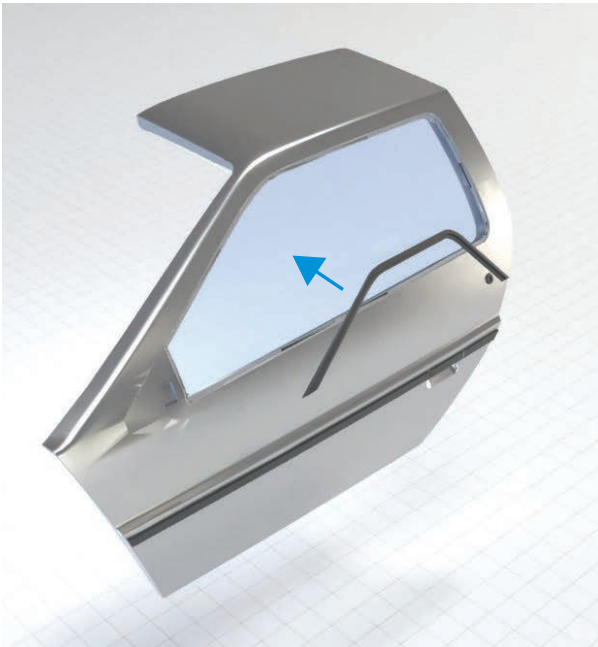


plastic window not include
use the pdf model to cut

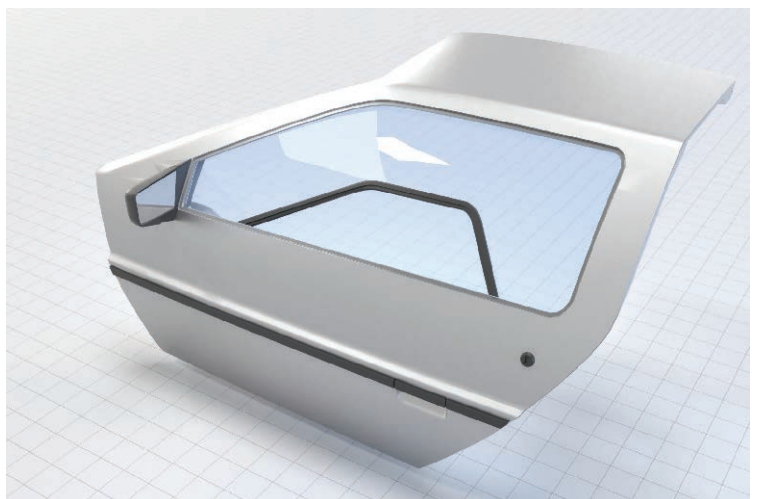




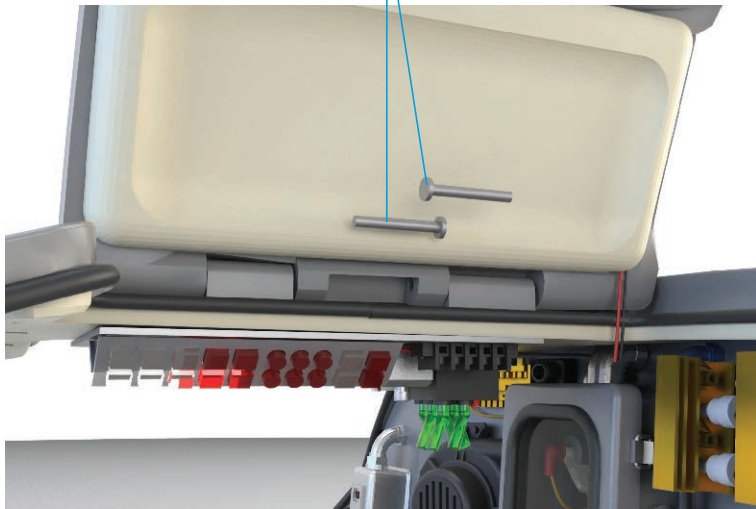
plastic window not include
use the pdf model to cut



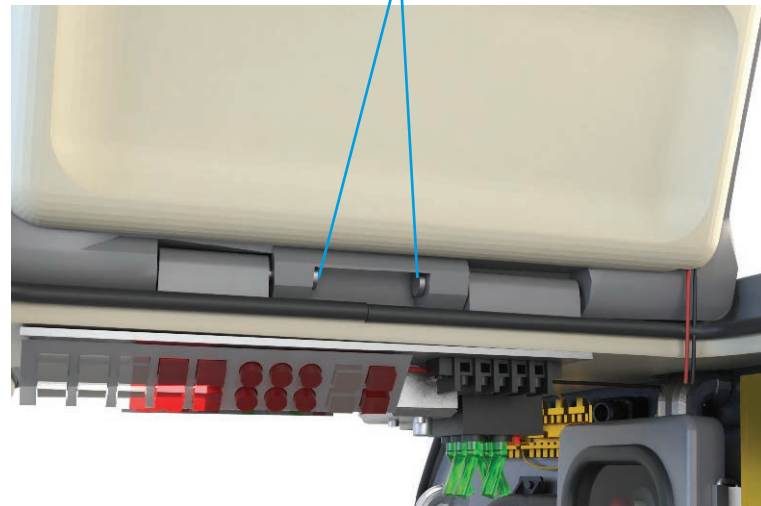
mirror not include
use the pdf model to cut



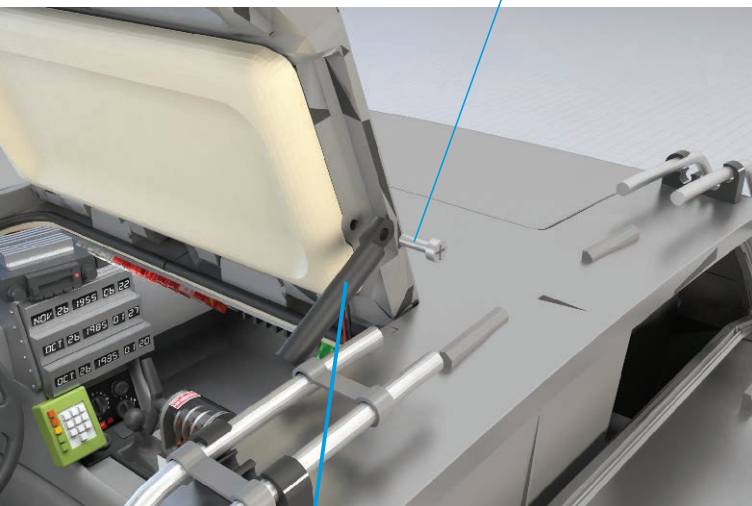
Use 2 Nails cut to 12mm $\varnothing \sim 1.5\text{mm}$



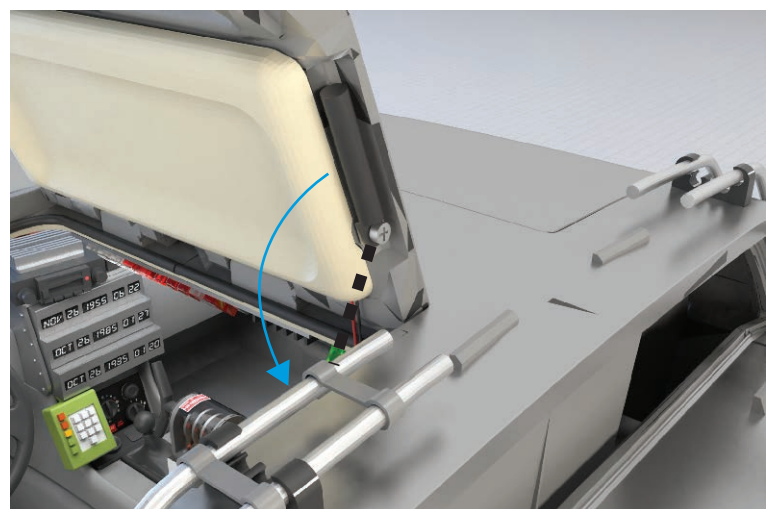
stick the tip only at the end



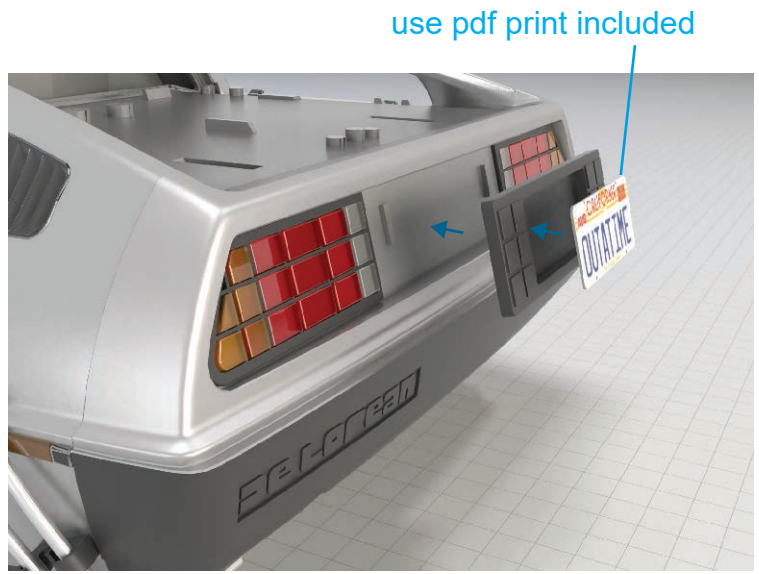
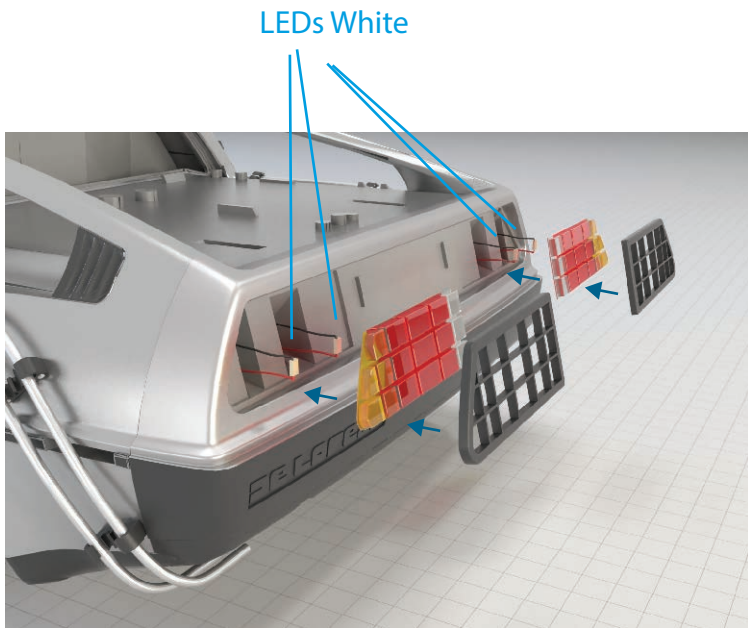
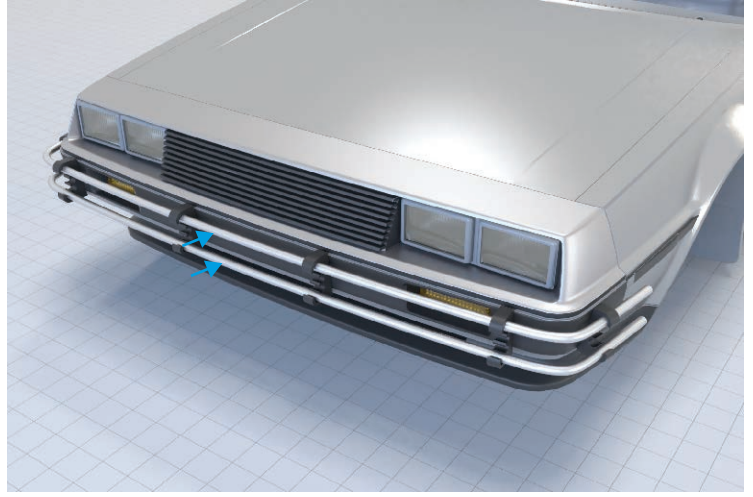
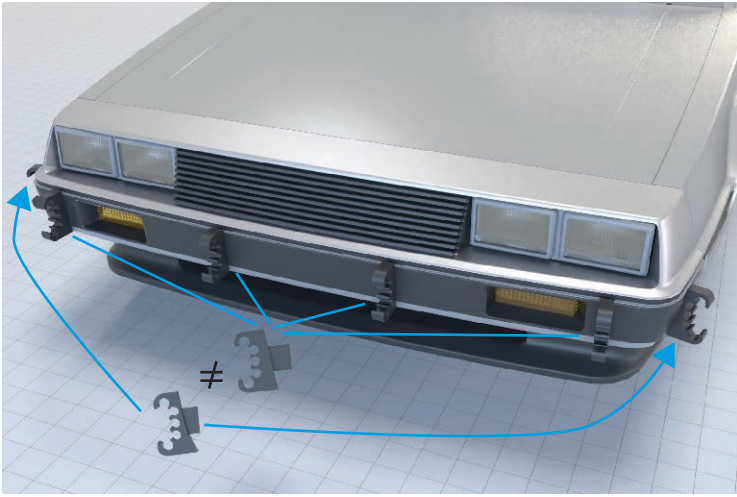
screw not included $\varnothing 1.5\text{mm}$

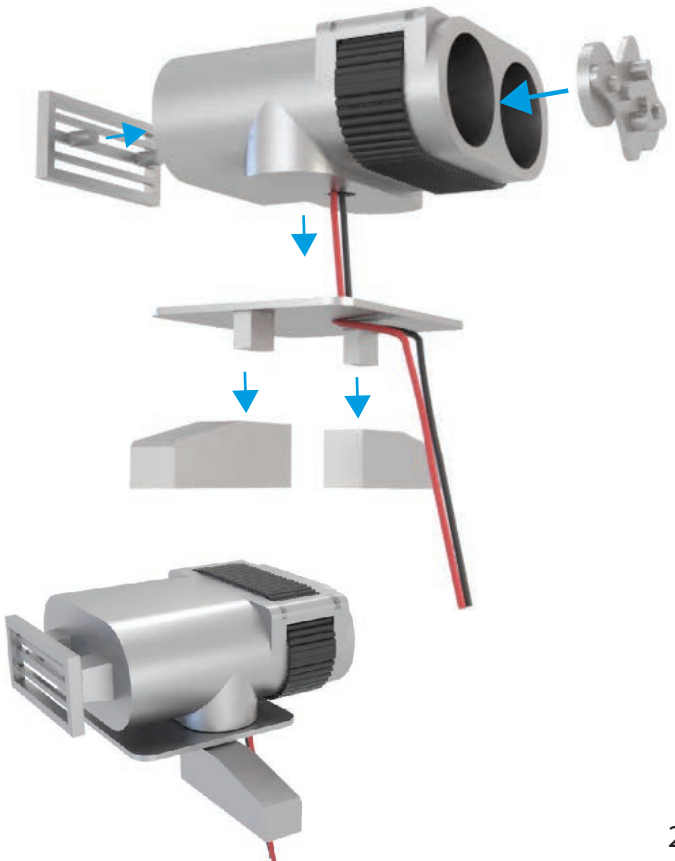
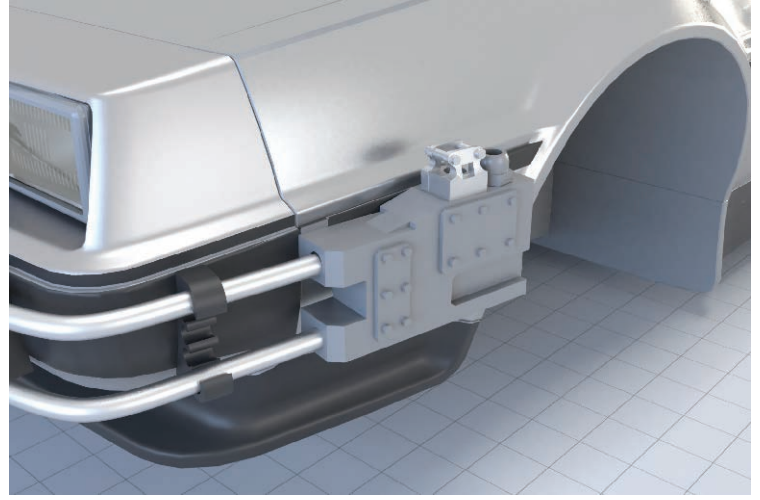
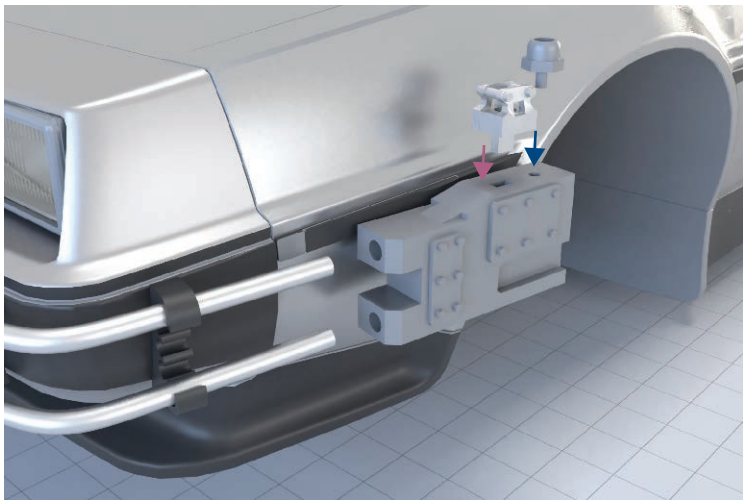
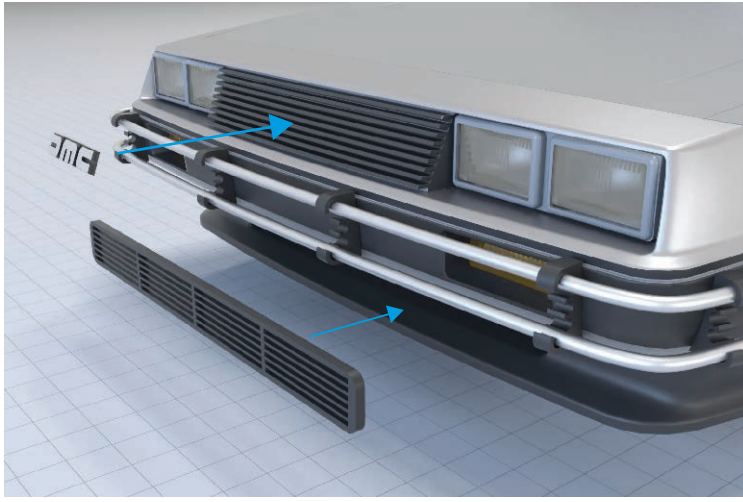


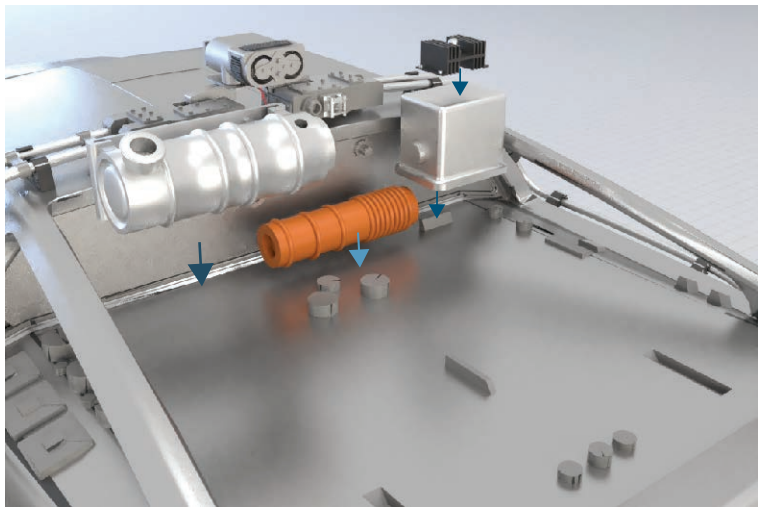
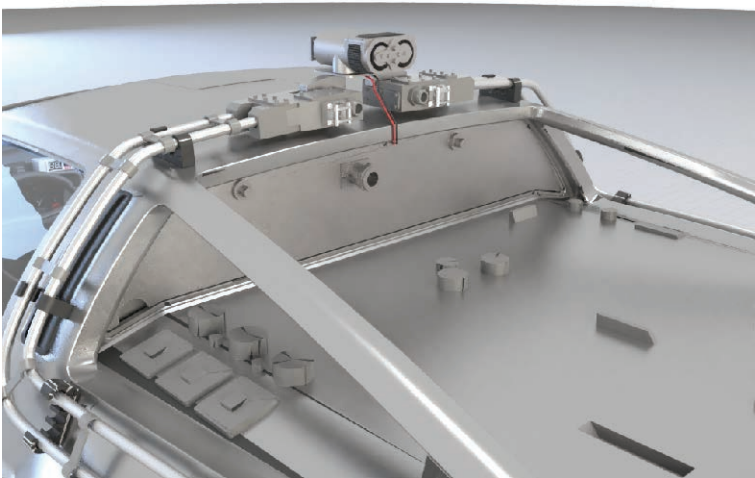
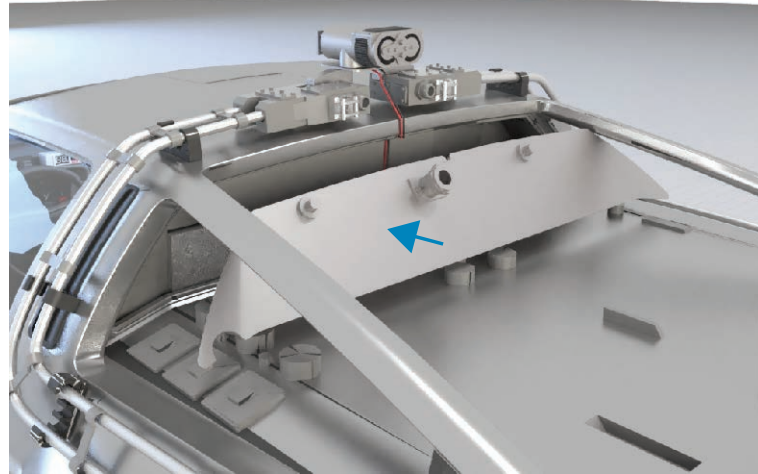
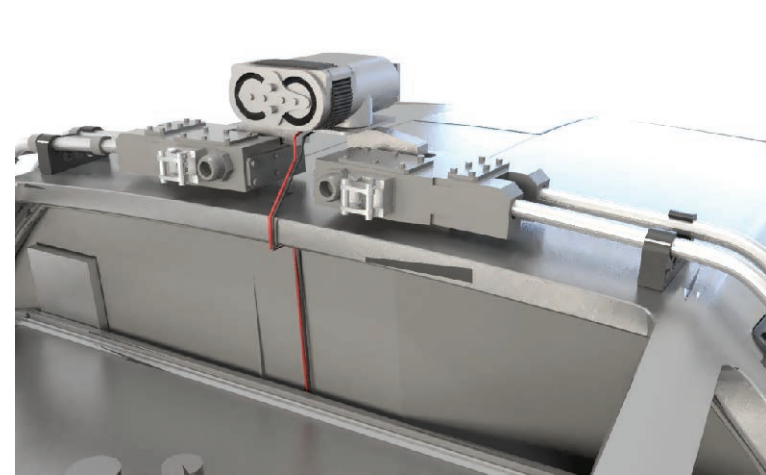
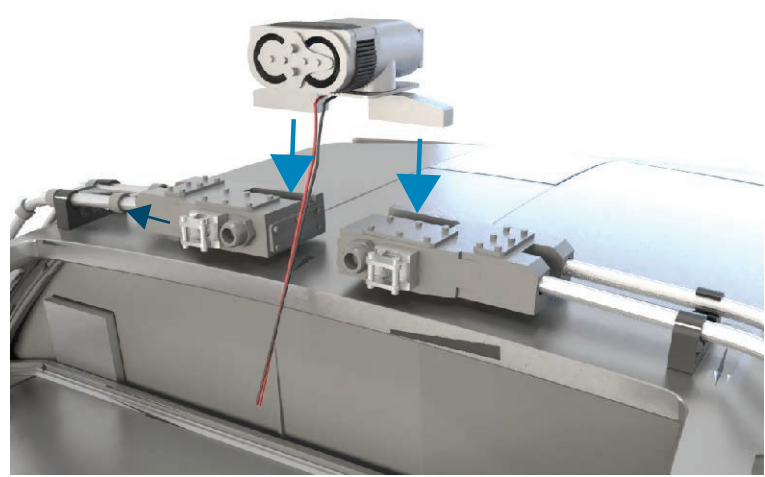
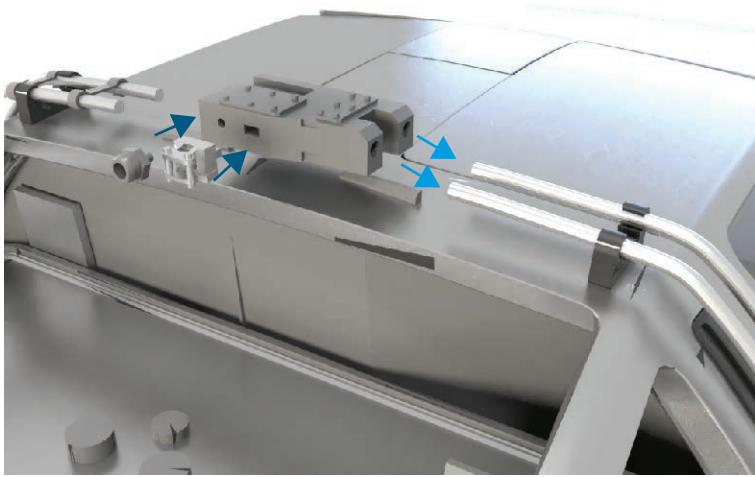
must be free to move

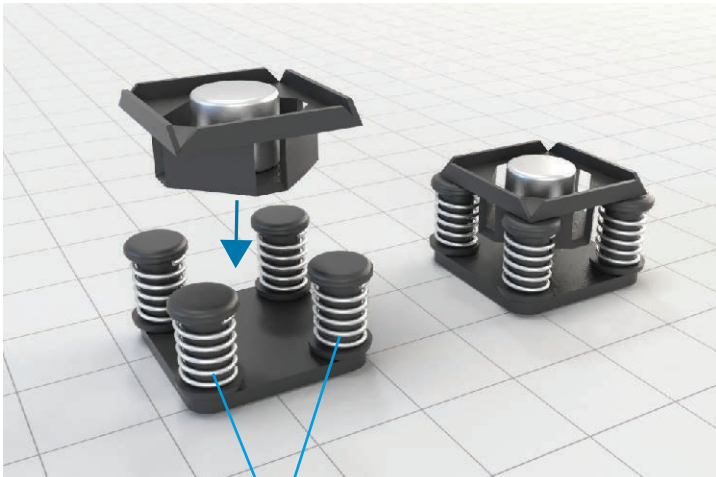
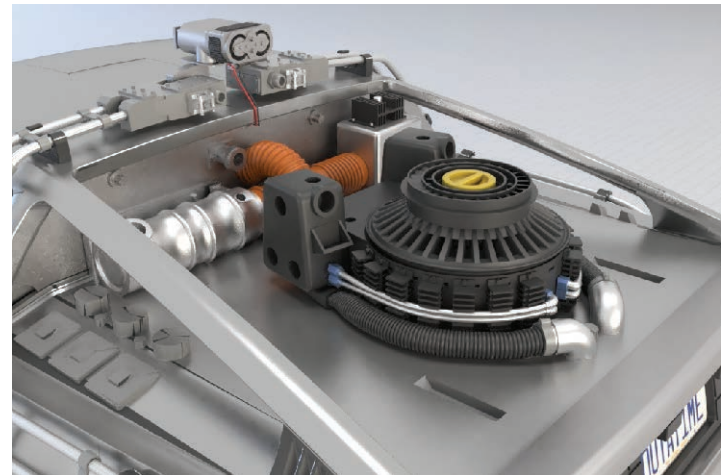
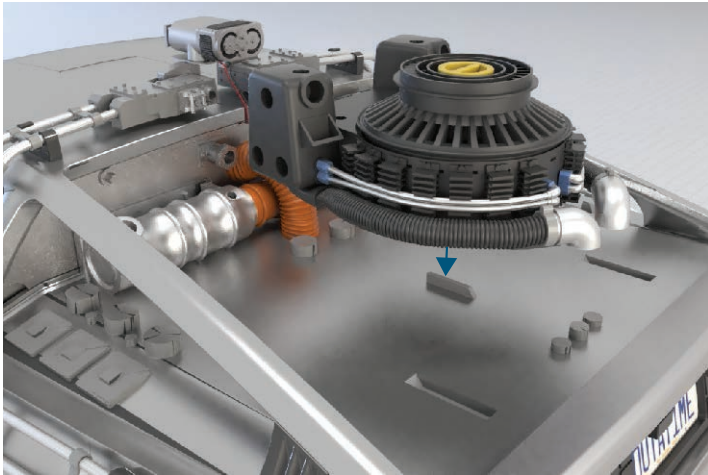
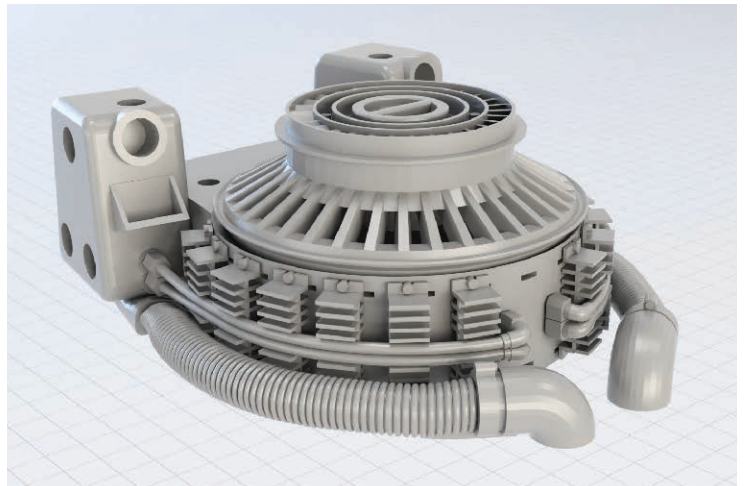
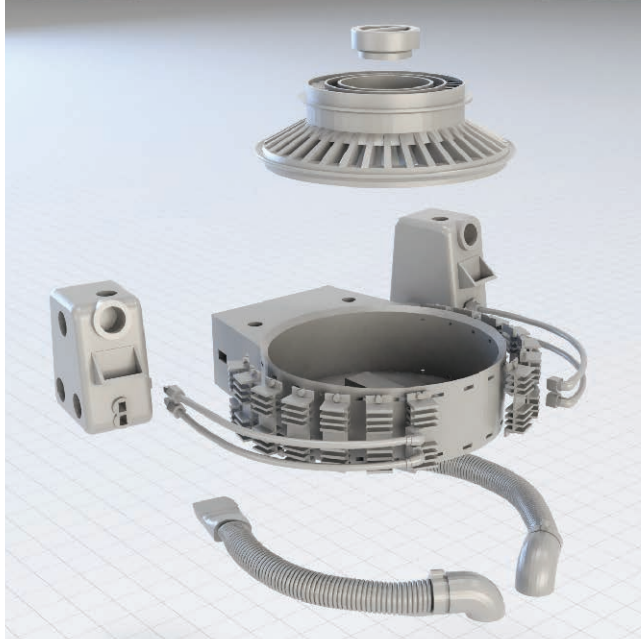
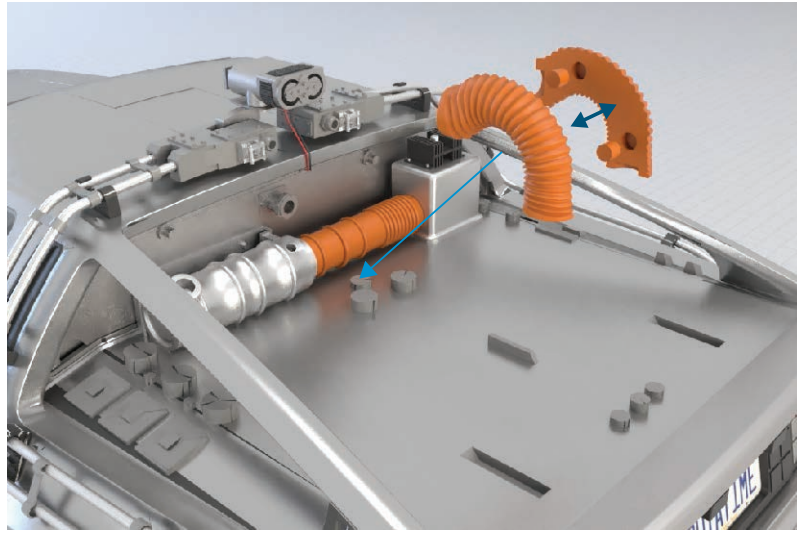


used to keep the door open

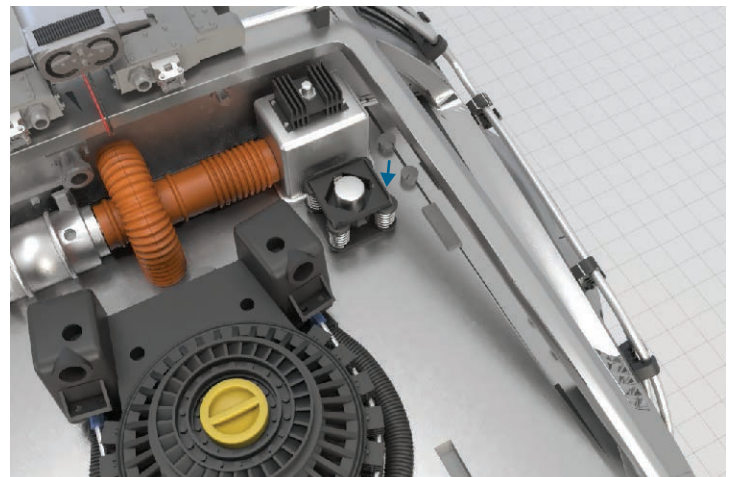


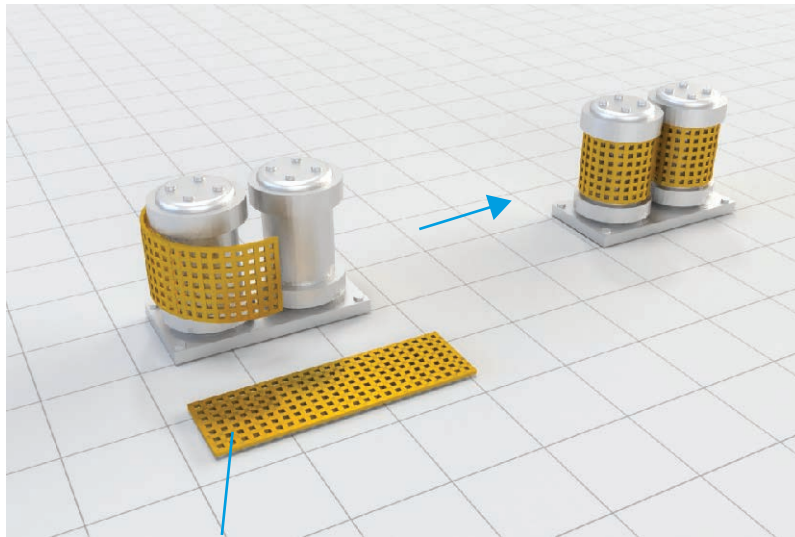




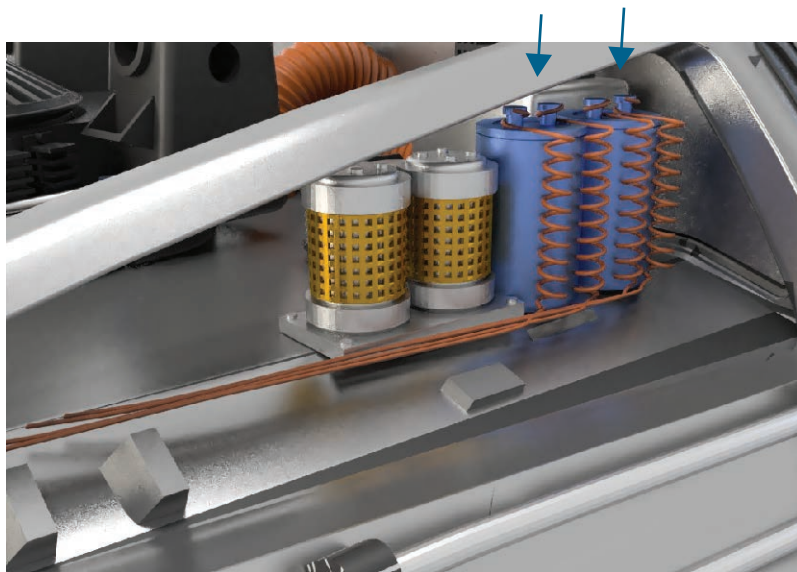
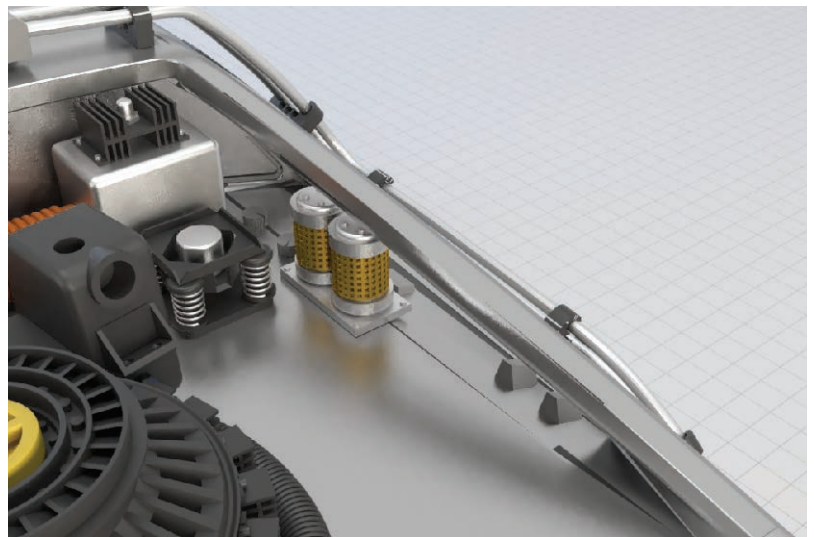
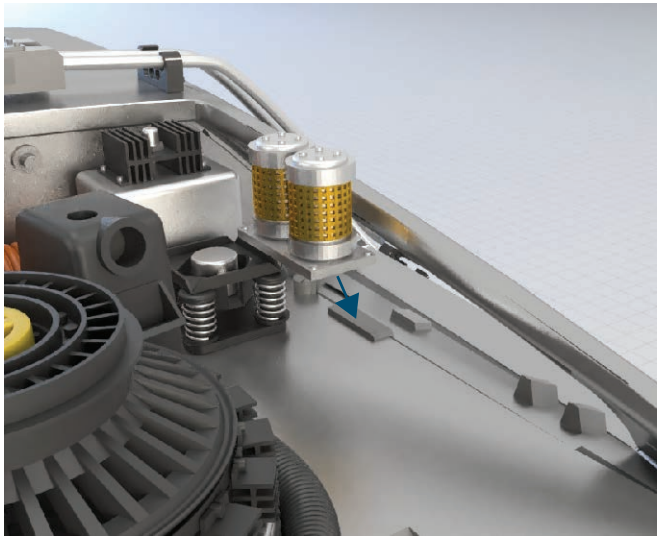


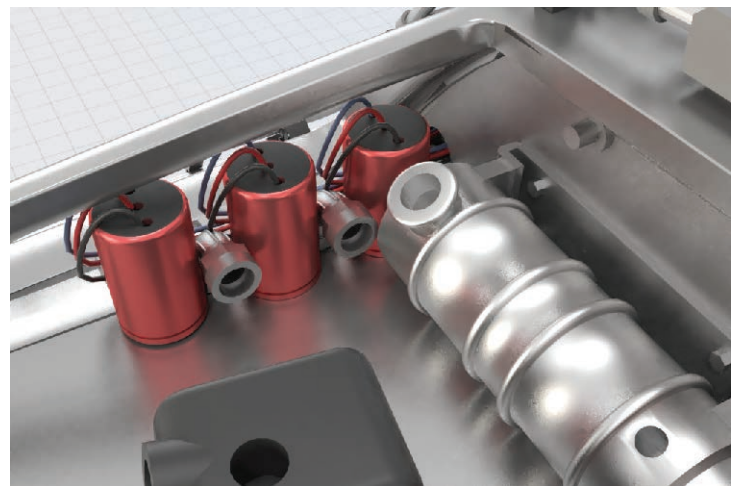
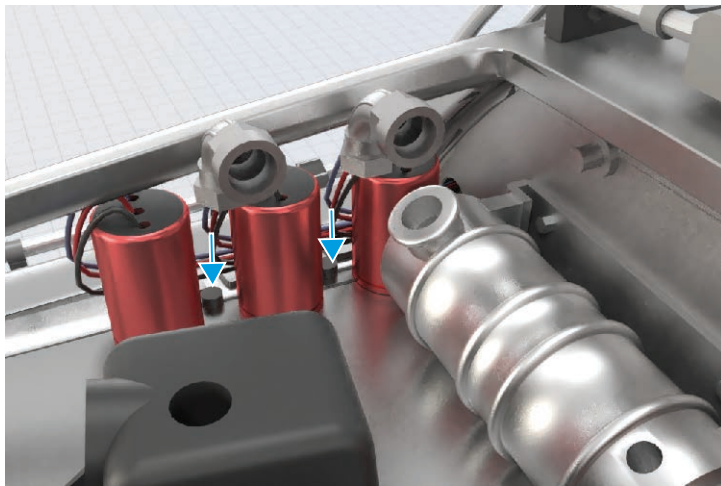
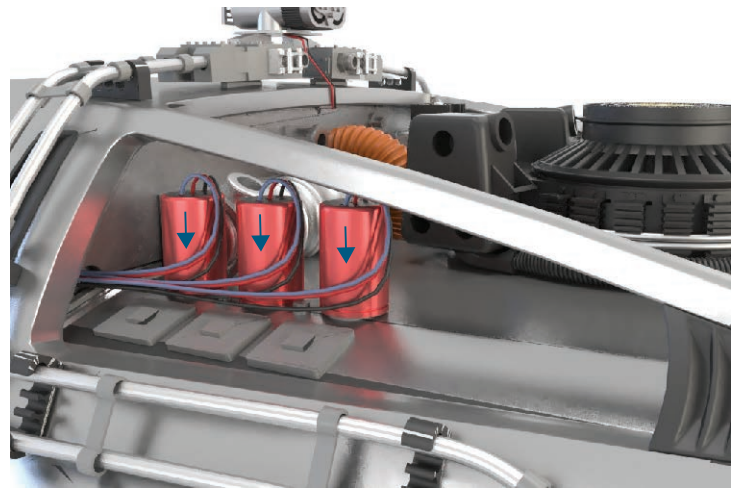
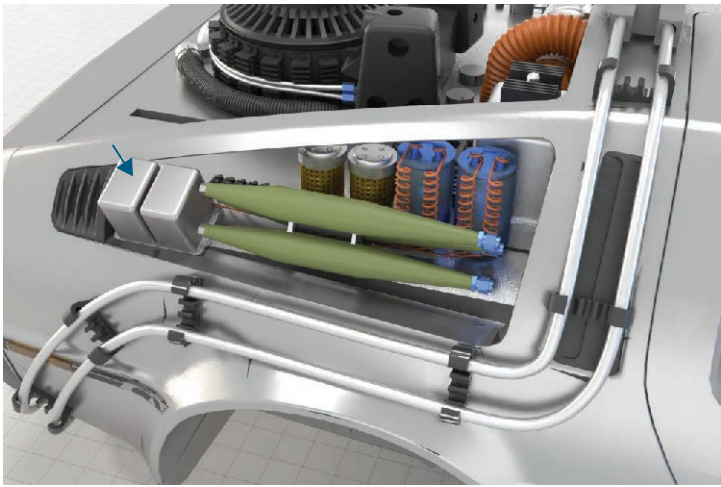
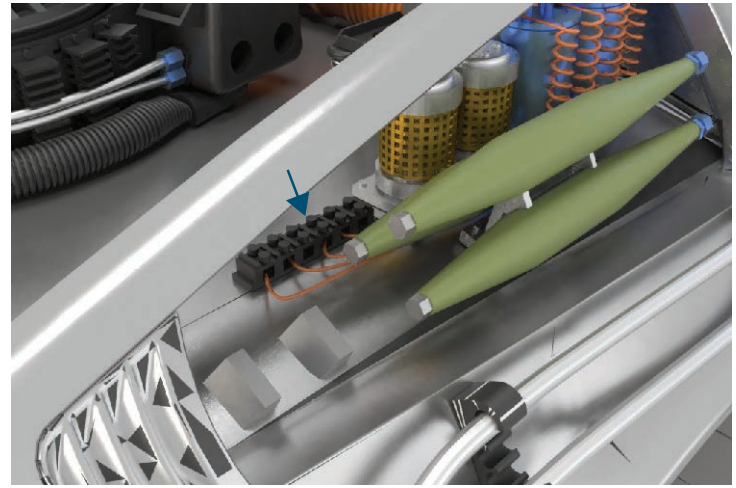
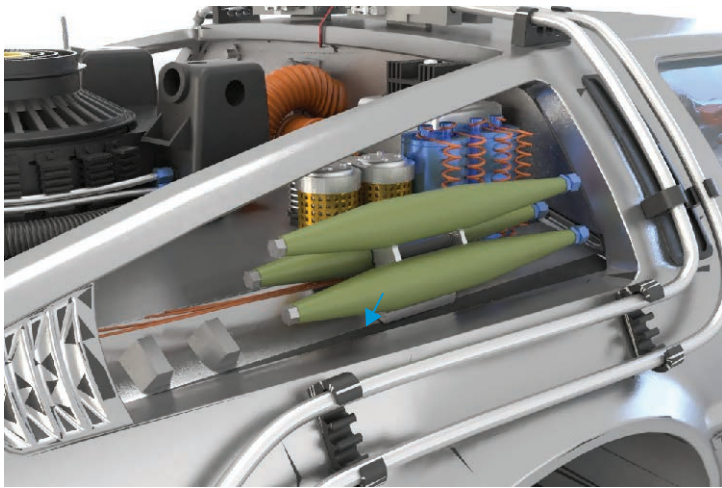
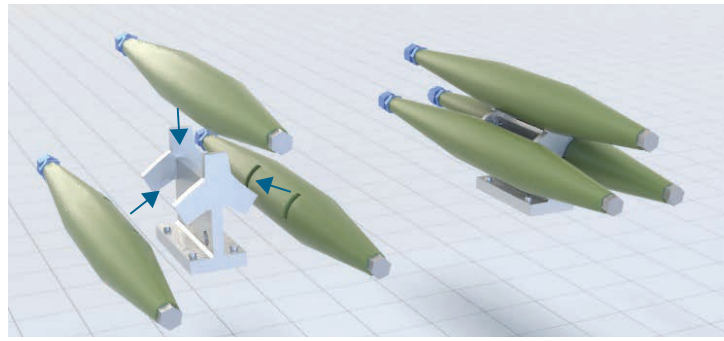
use thin wires

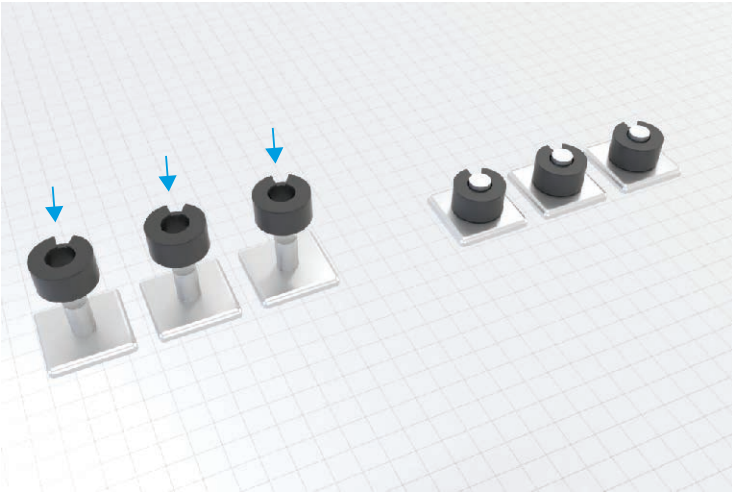




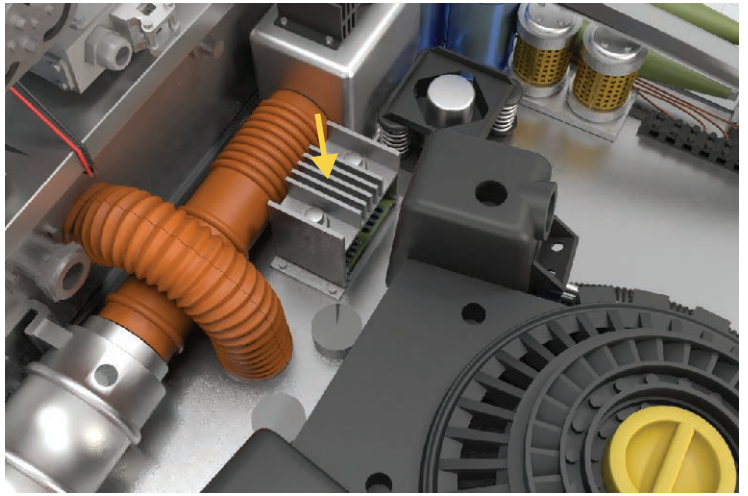
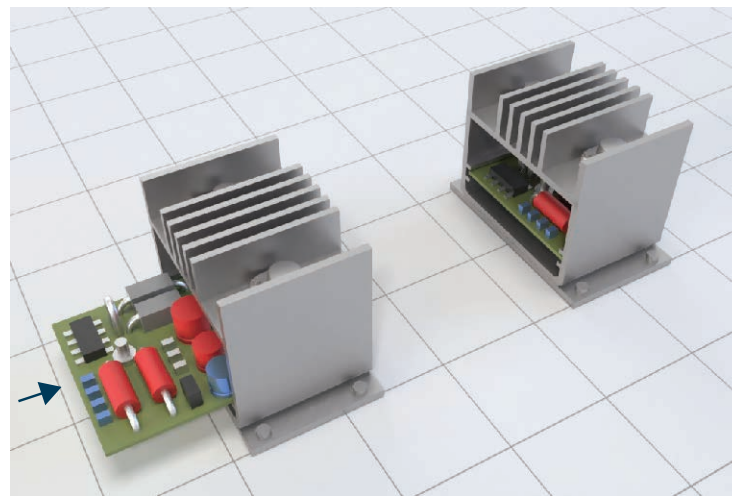
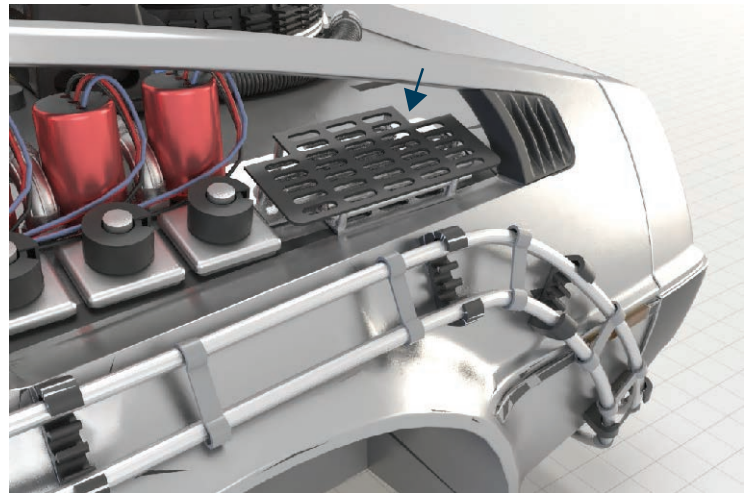
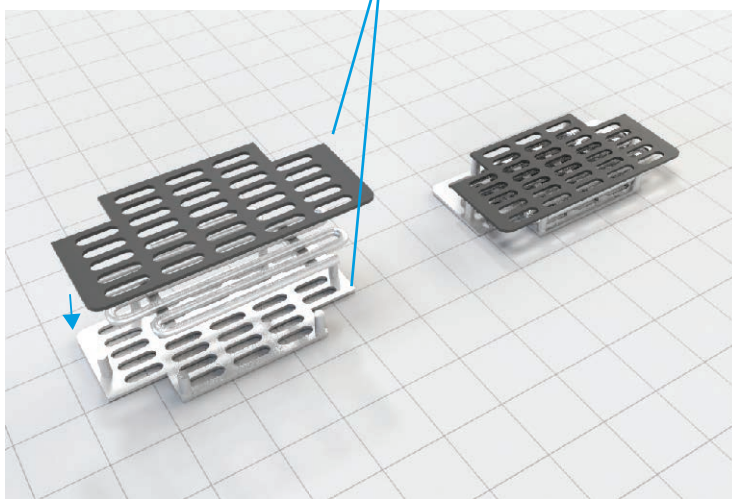
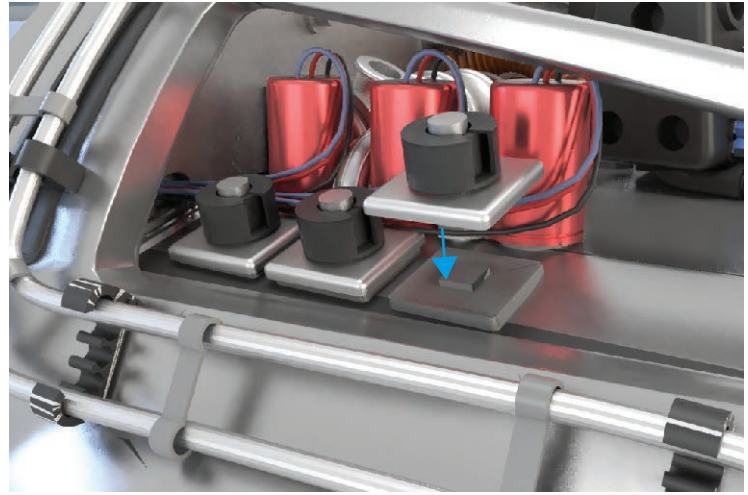
heated a bit for curved

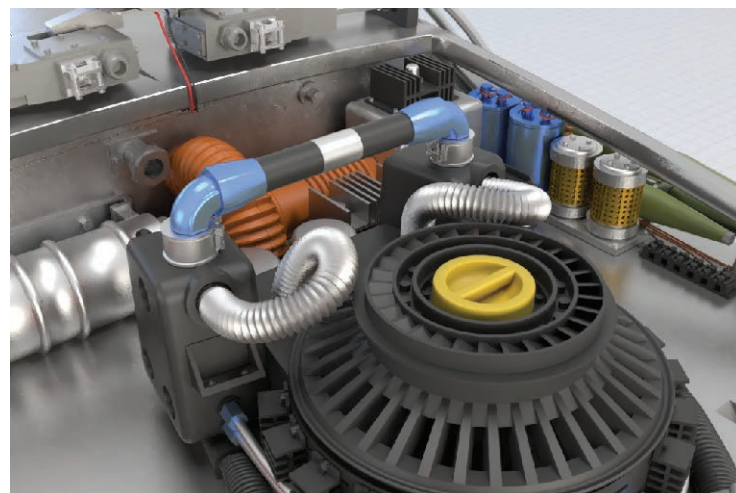
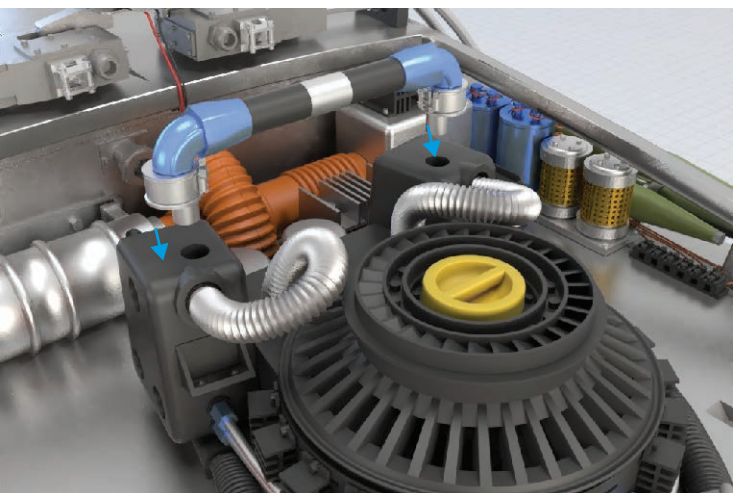
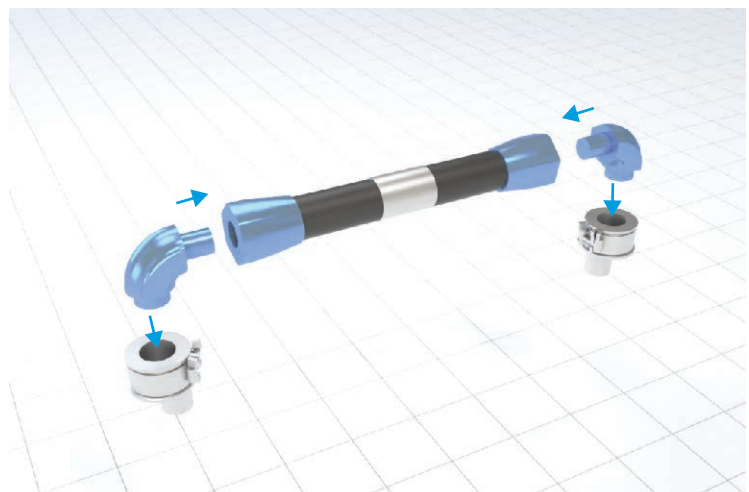
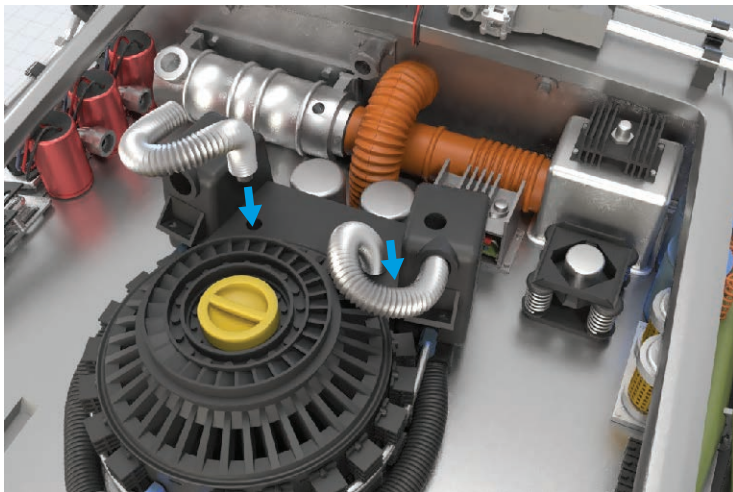
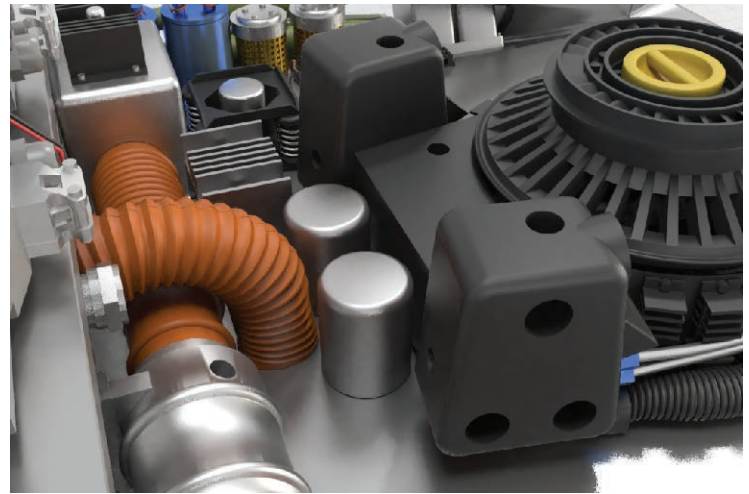
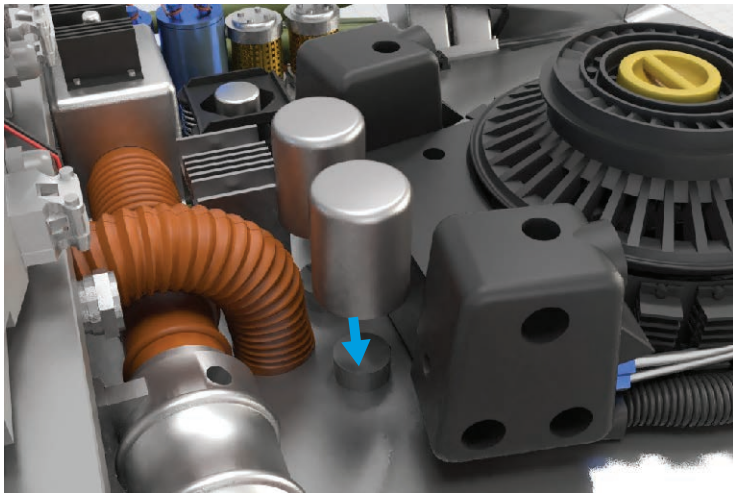


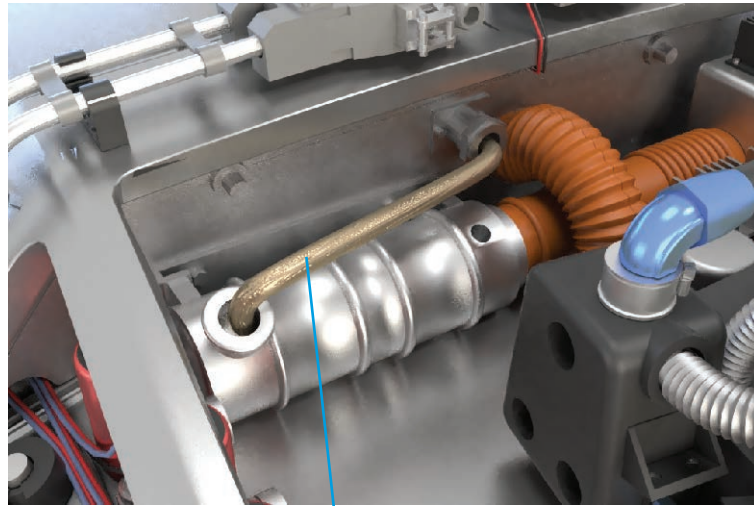




be careful the shapes are reversed

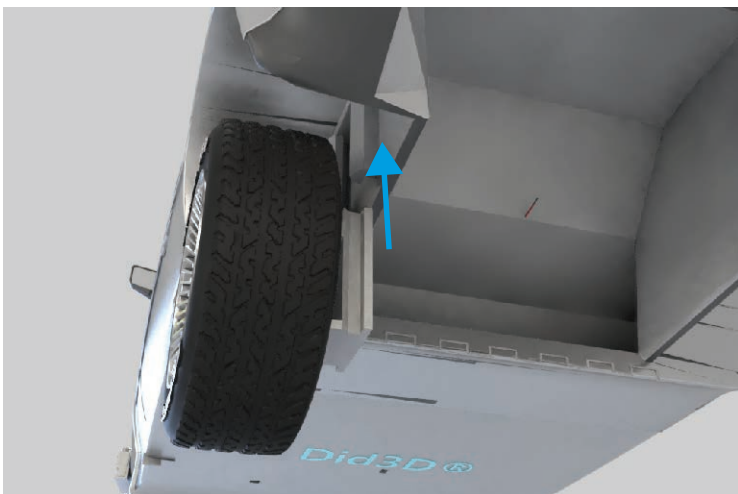
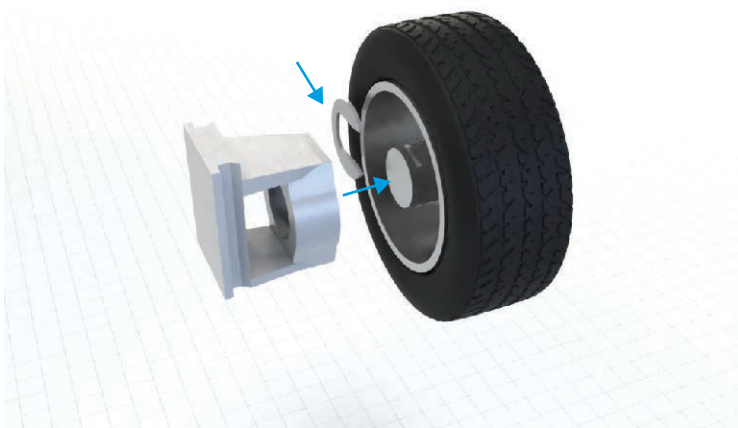
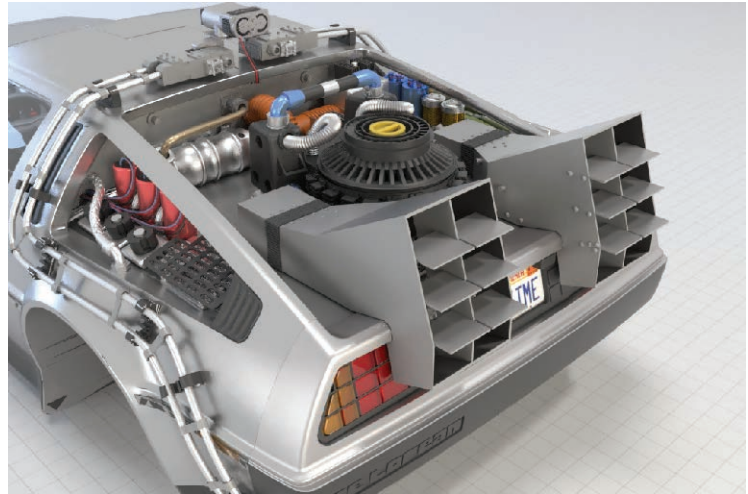
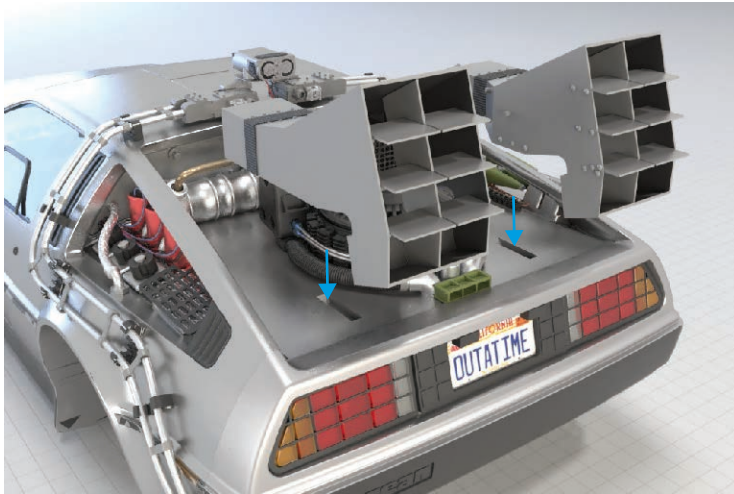
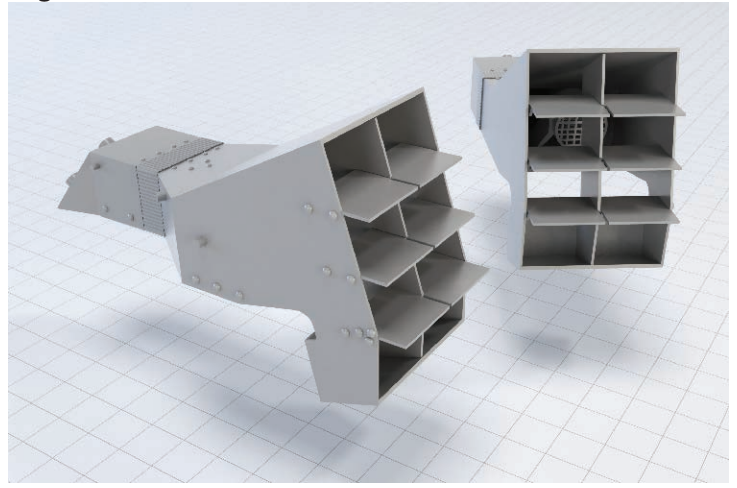
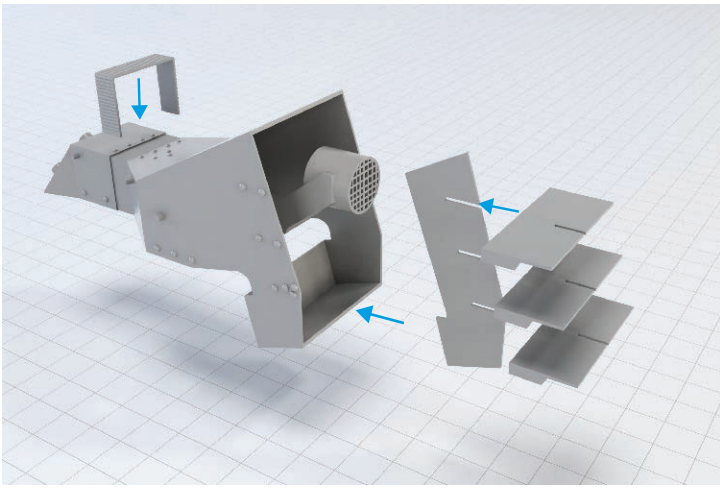


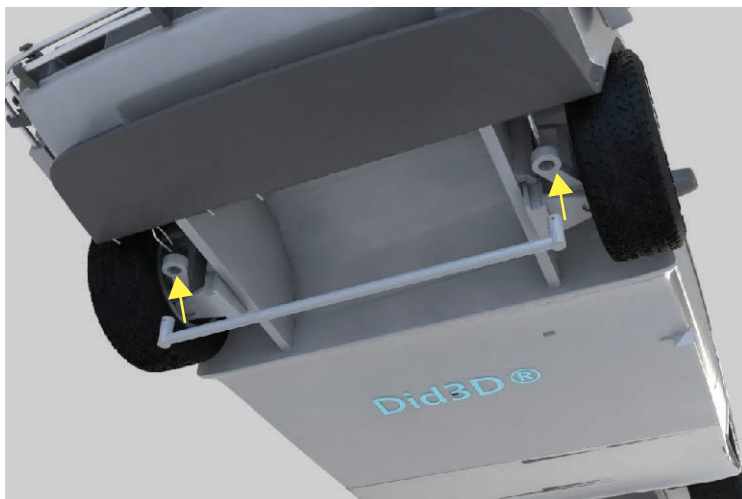
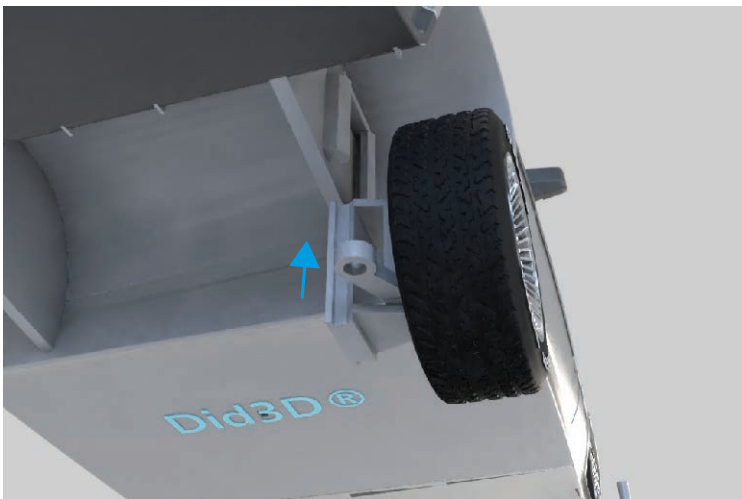
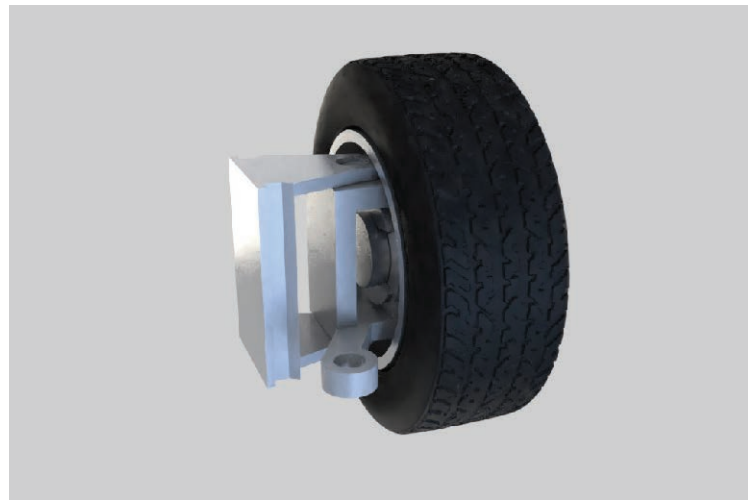
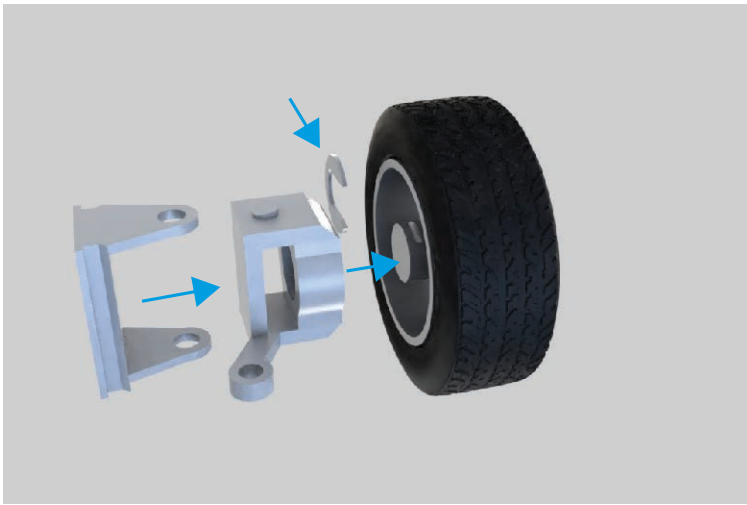


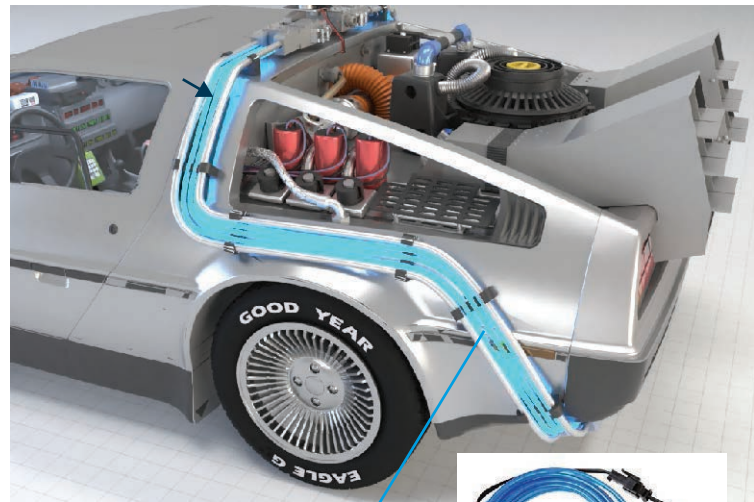


Use Wire (not included)

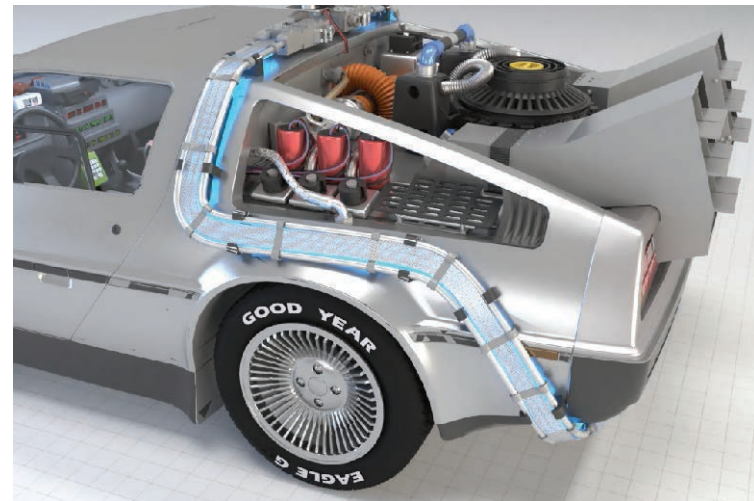
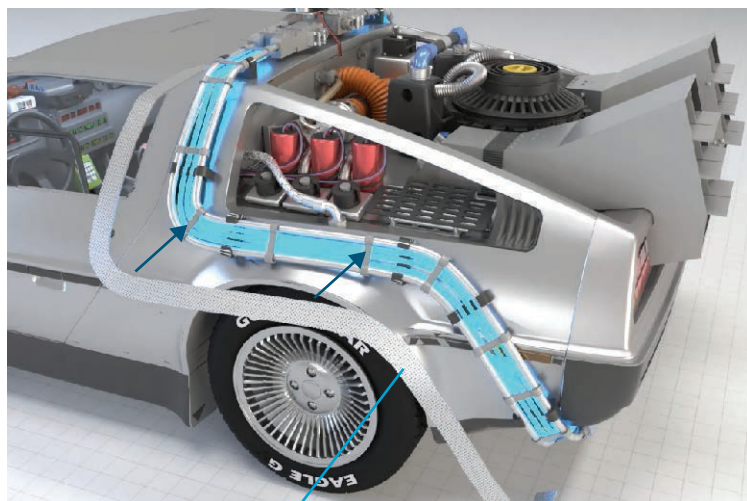






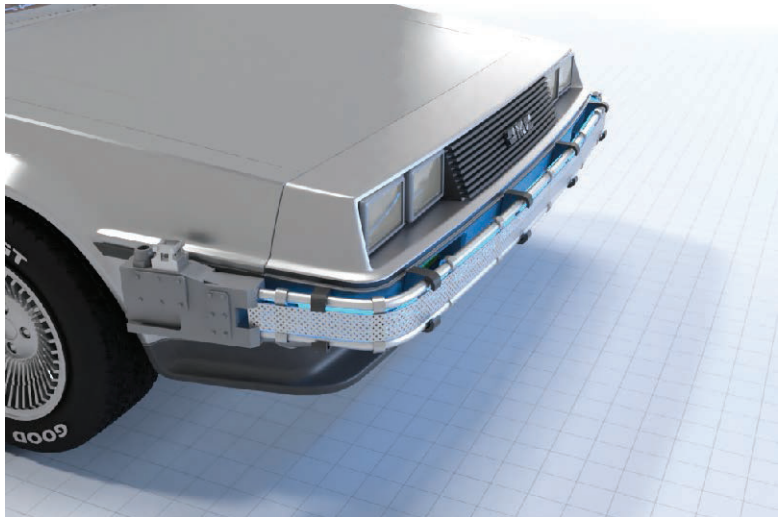
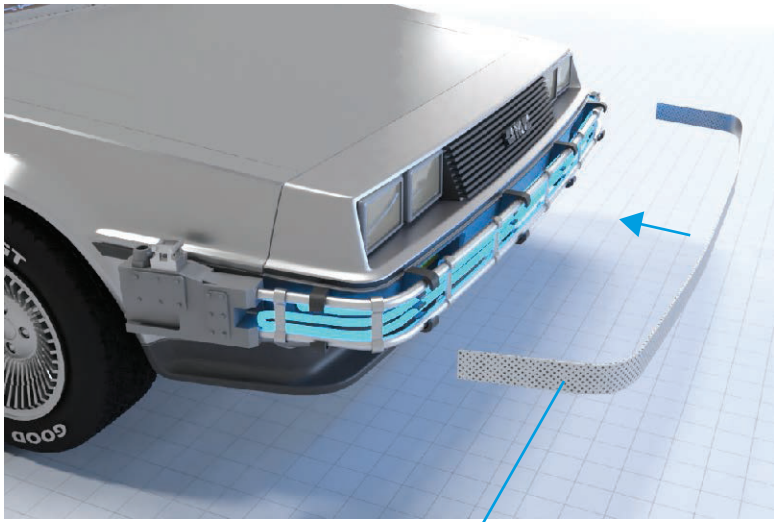
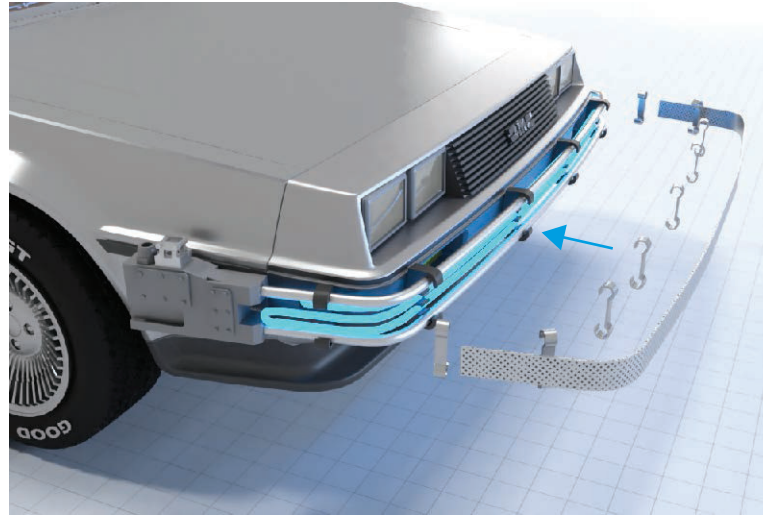
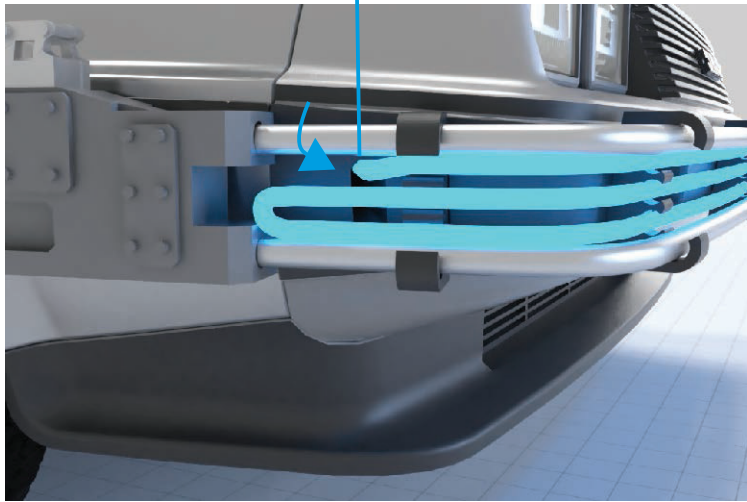


Use EL Wire :

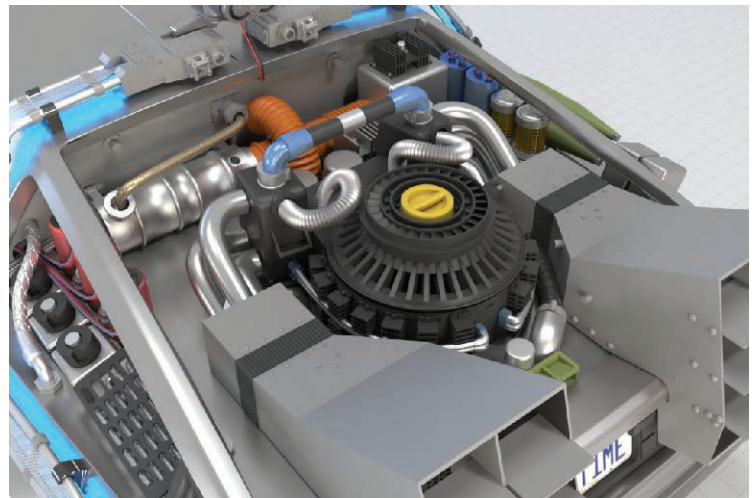
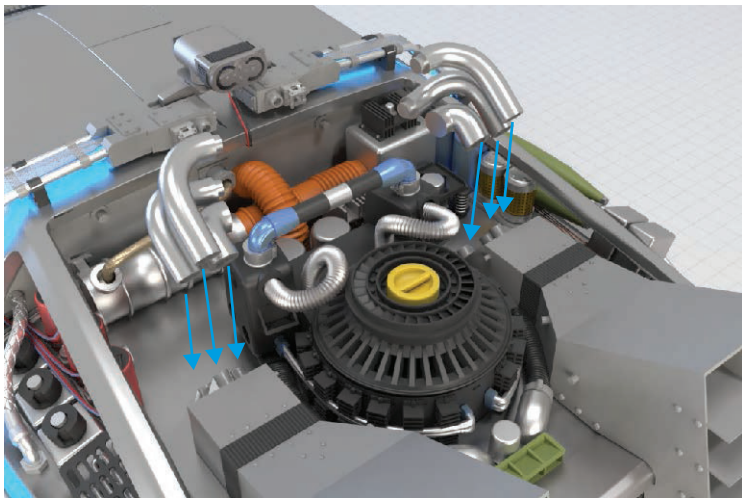


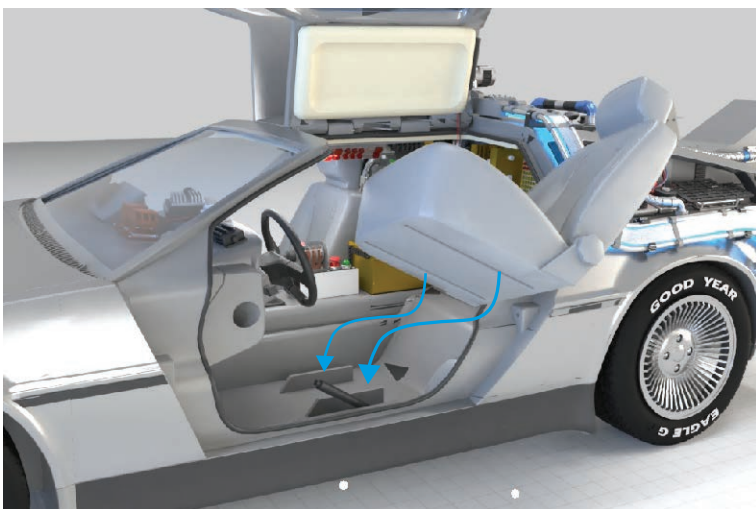
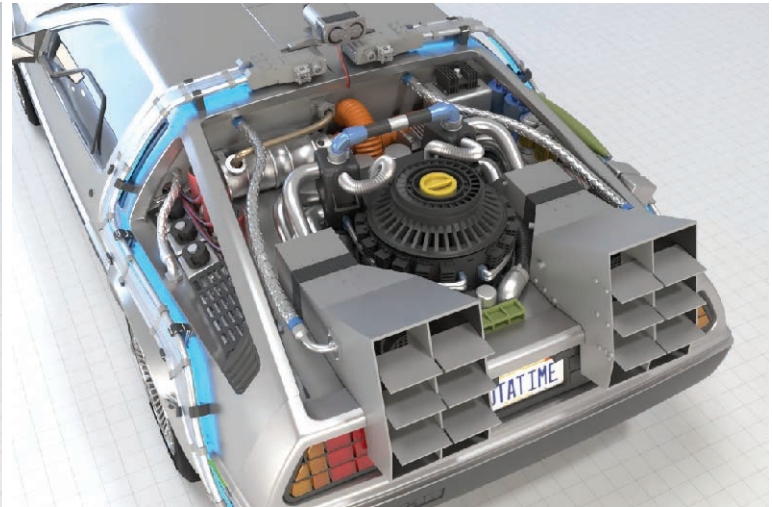
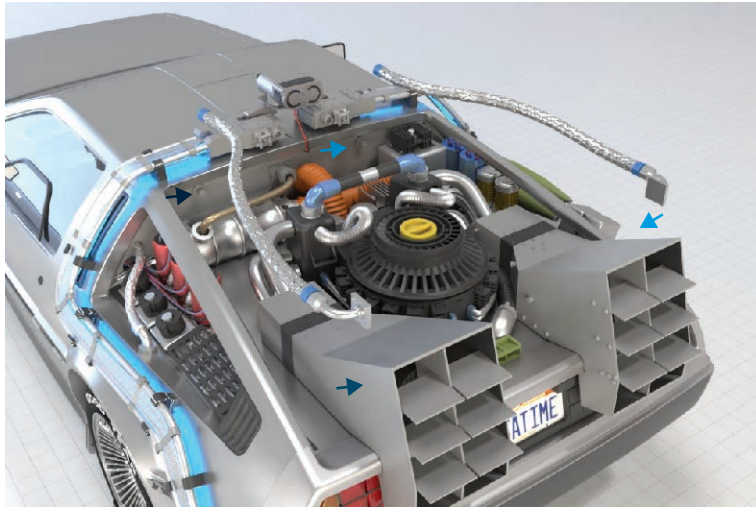
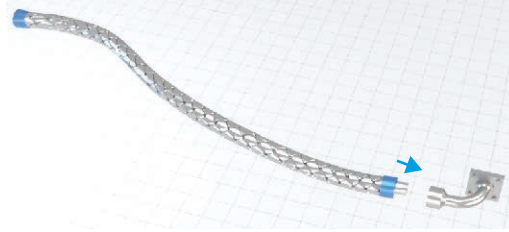
looked at the pages at the end of the assembly instructions (print tip P42) to print this tape

Use EL Wire :



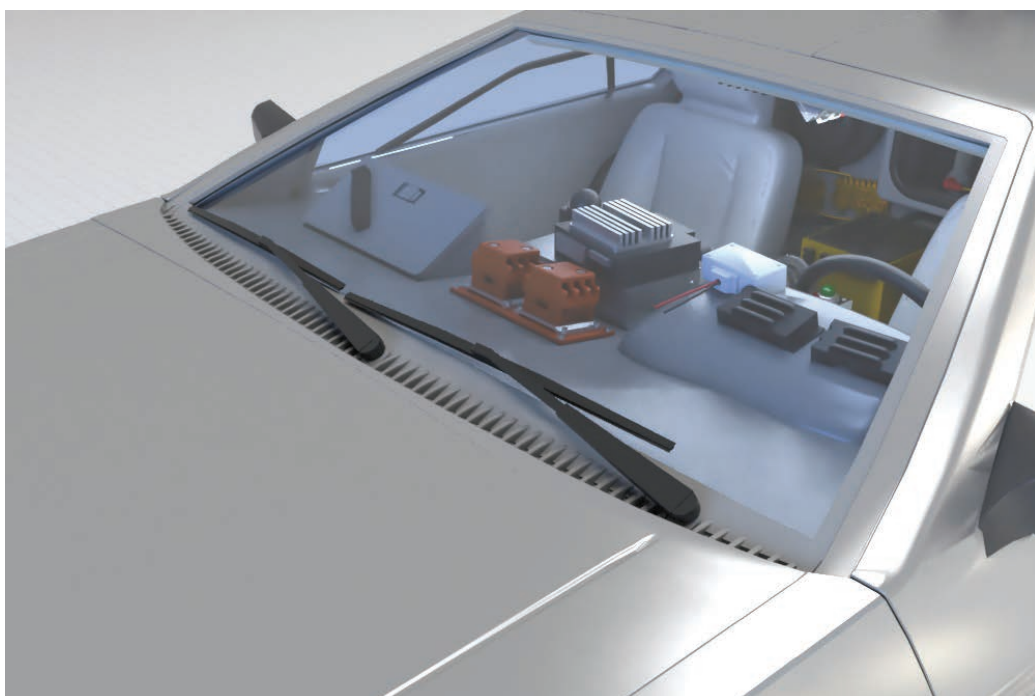
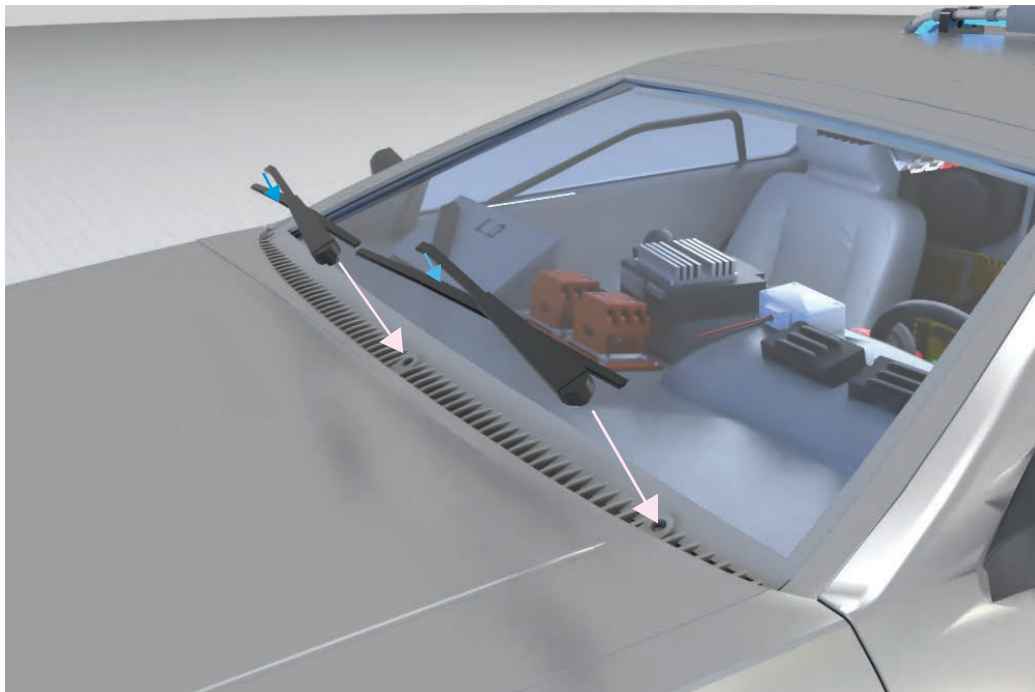
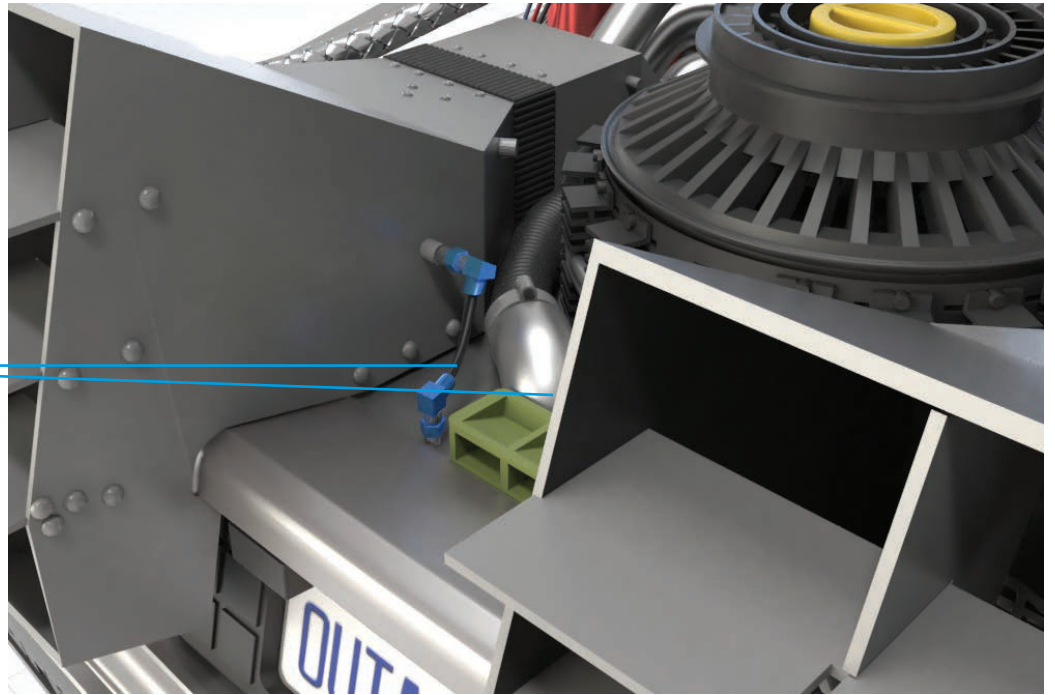
looked at the pages at the end of the assembly instructions (print tip P42) to print this tape

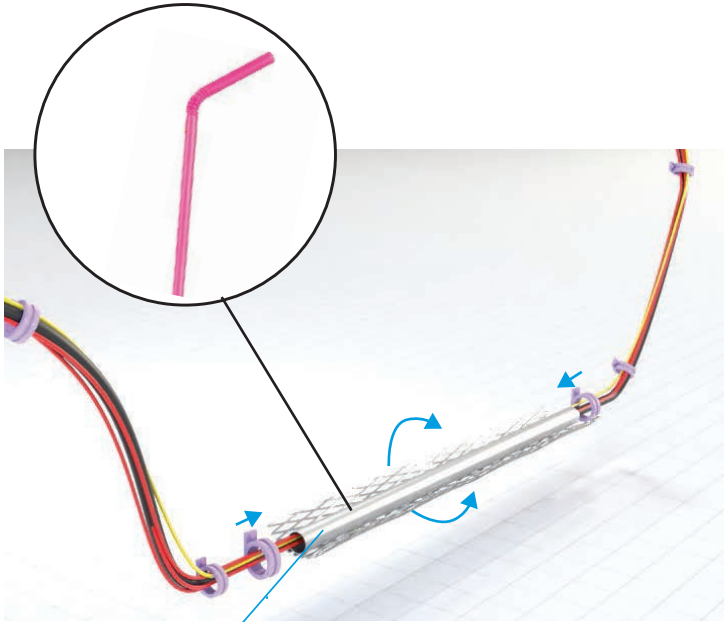




do not stick to remove them if necessary

heat a little to bend the pipes

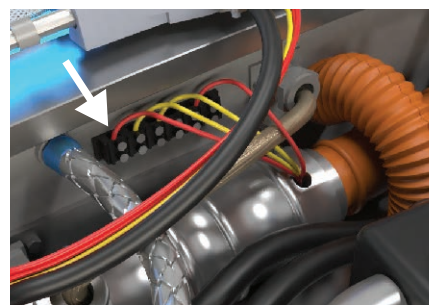
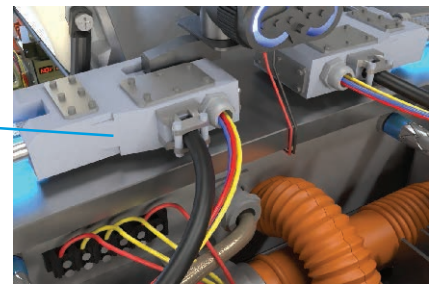
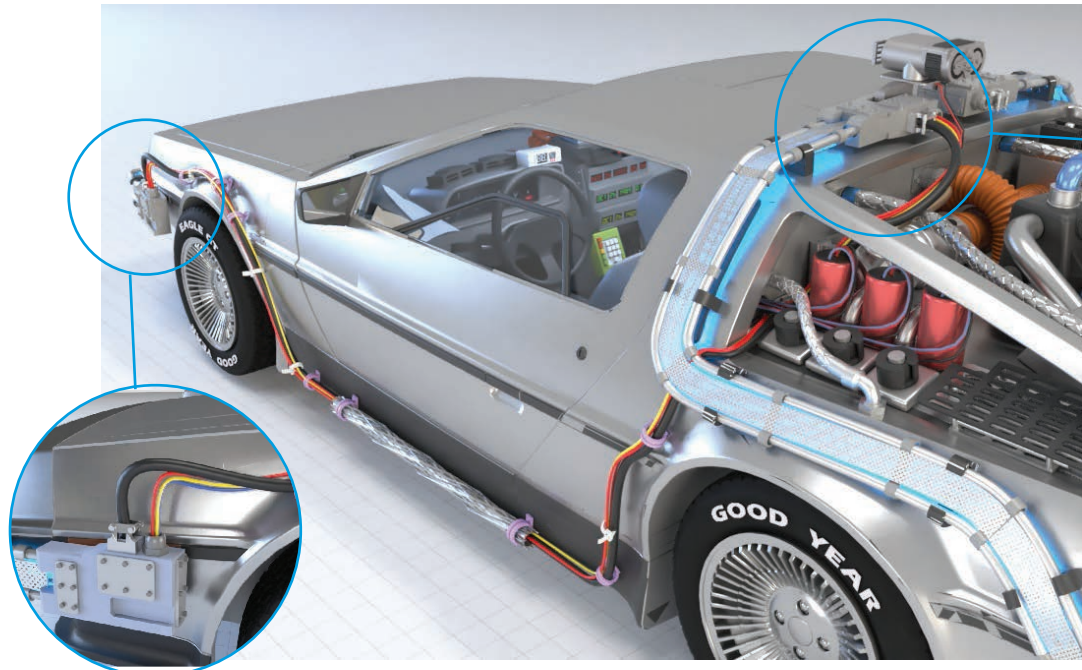
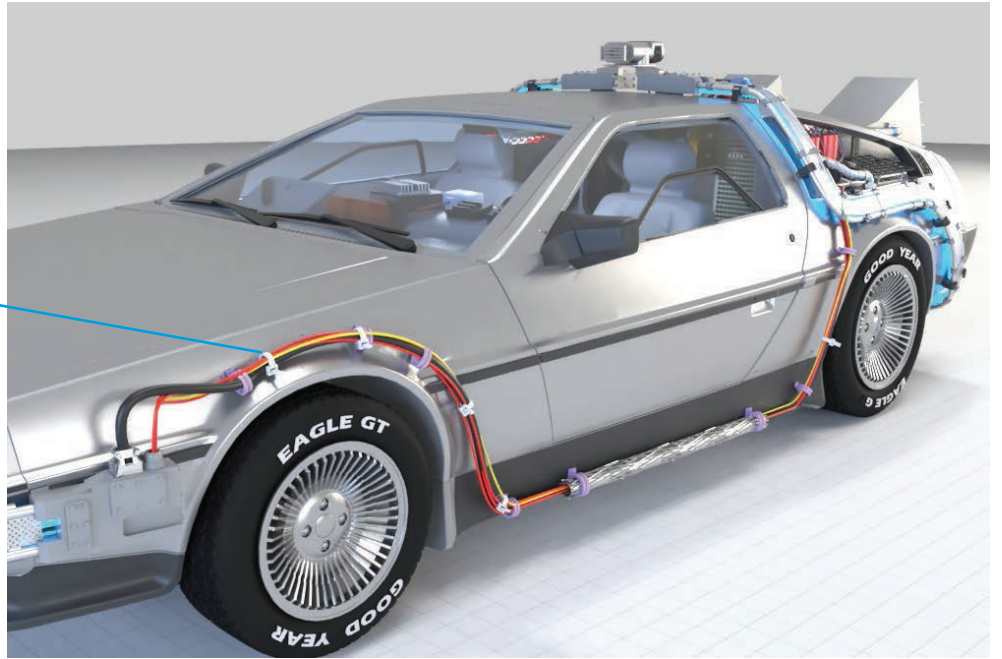
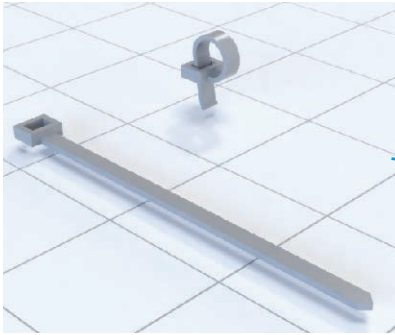




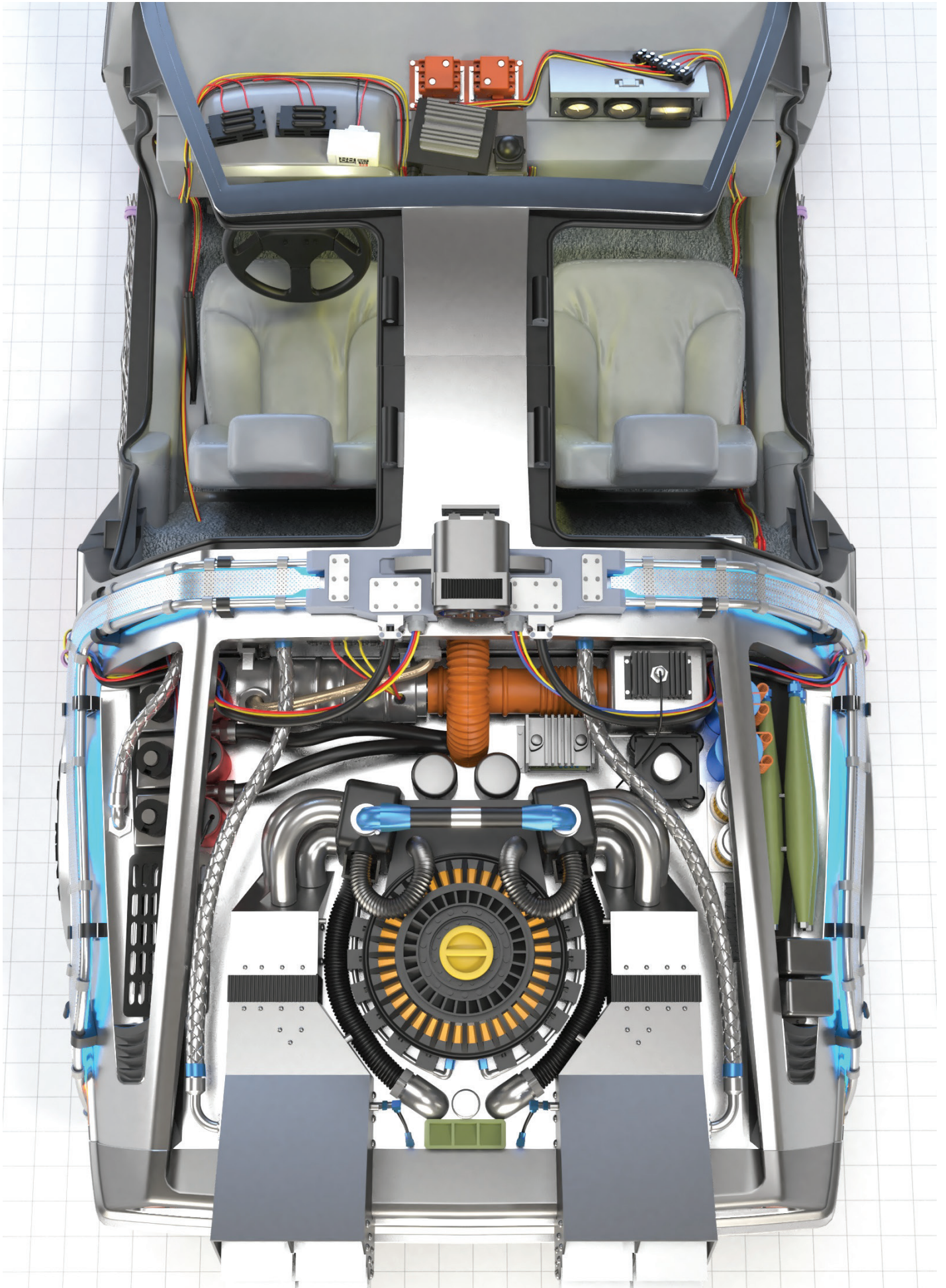
use a straw (not included) painted silver
length 110mm \varnothing 5mm



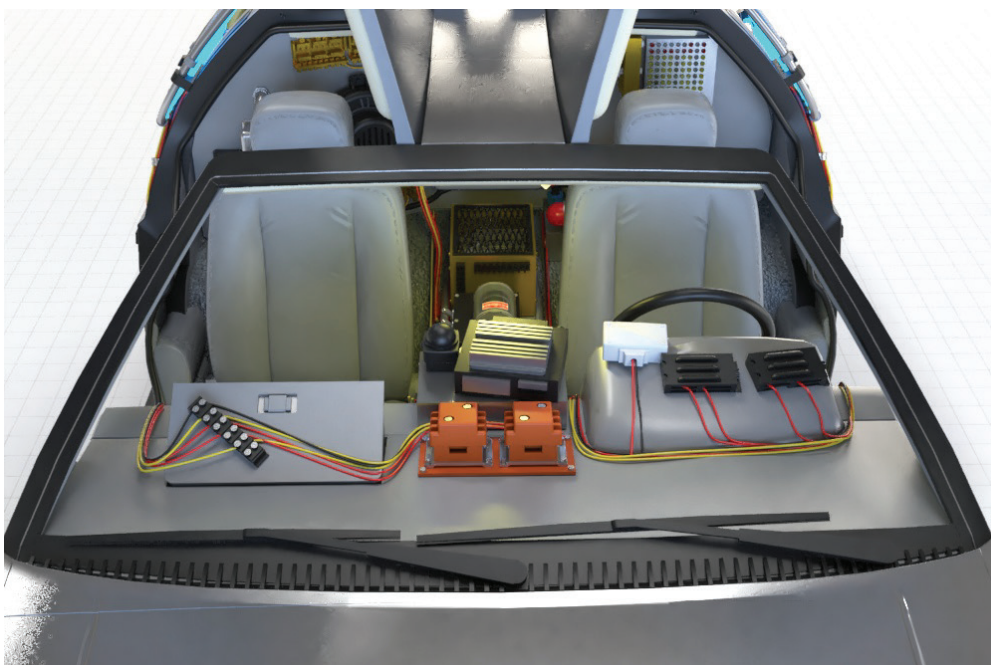
Use wires (not included) 650mm min must be adjust:
1 black \varnothing 2,5mm, 1 yellow \varnothing 1mm,
1 red \varnothing 1mm, 1 blue \varnothing 1mm.



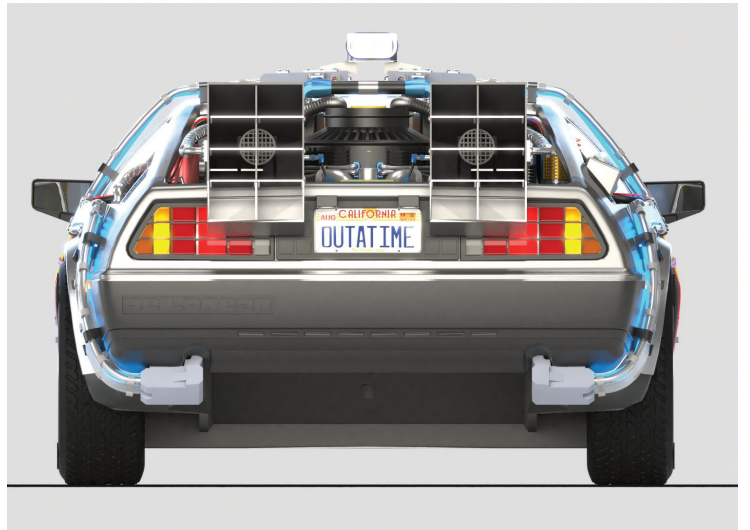
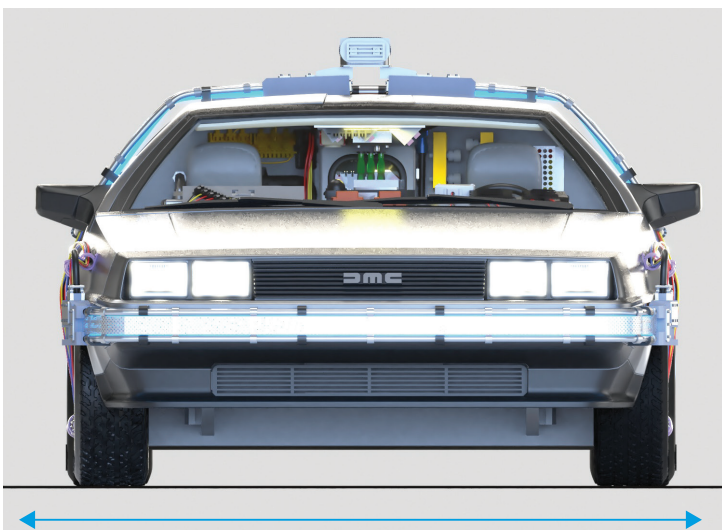
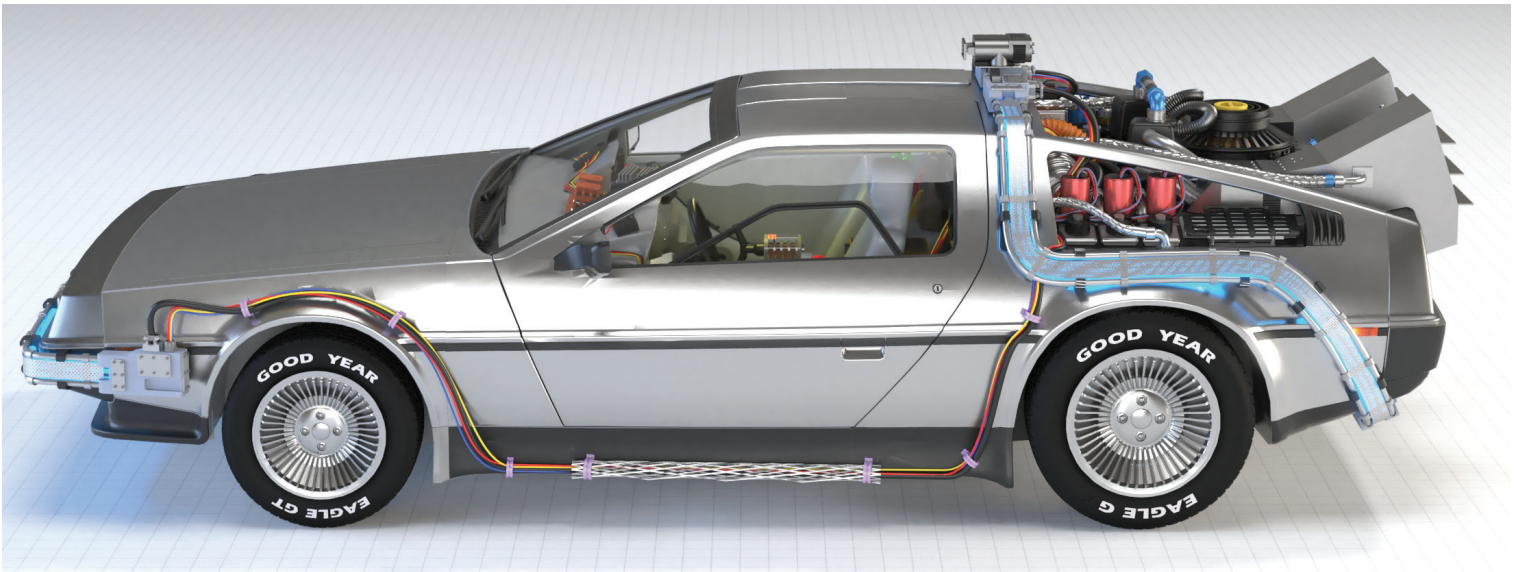
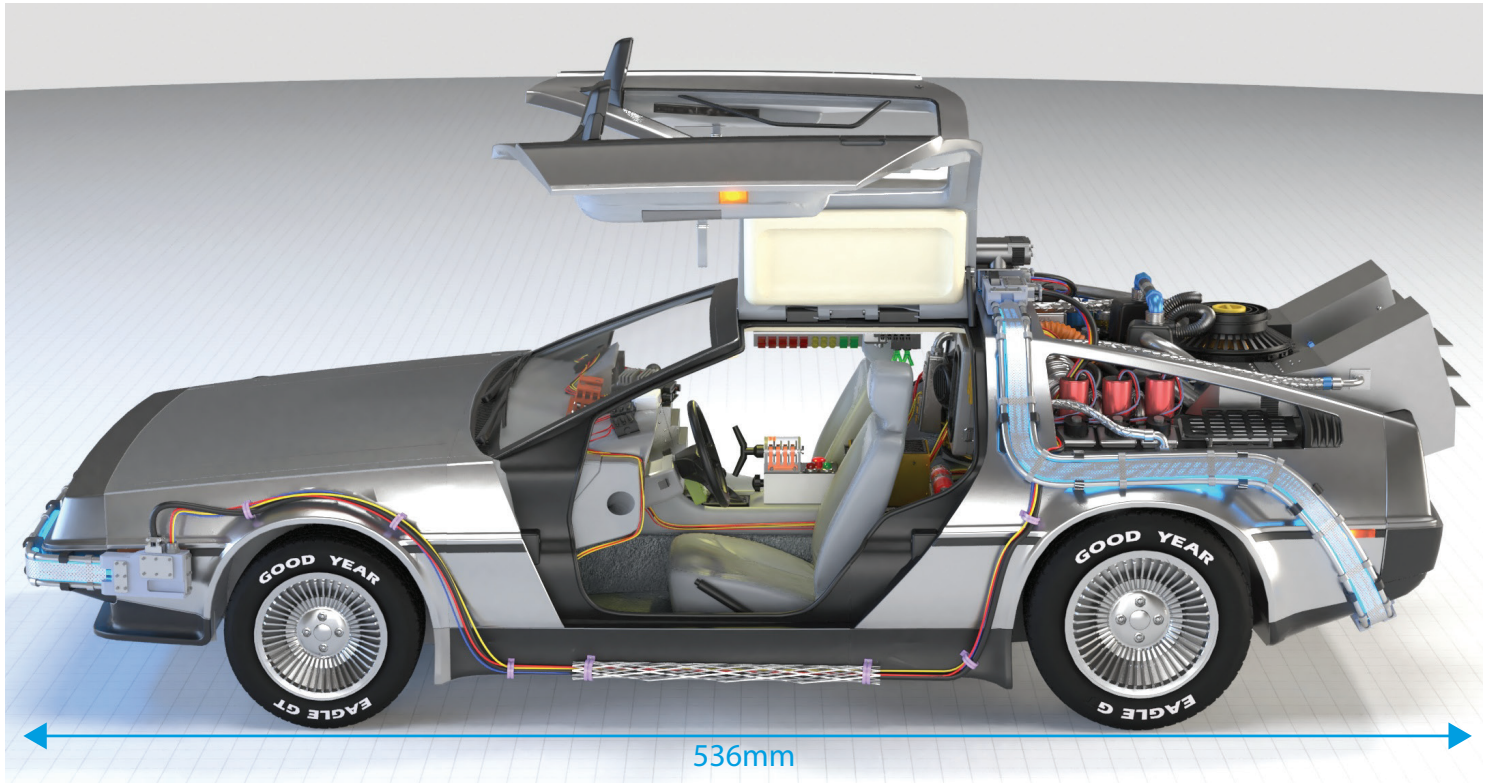
RECAP AND COLOR FINISHES



RECAP AND COLOR FINISHES



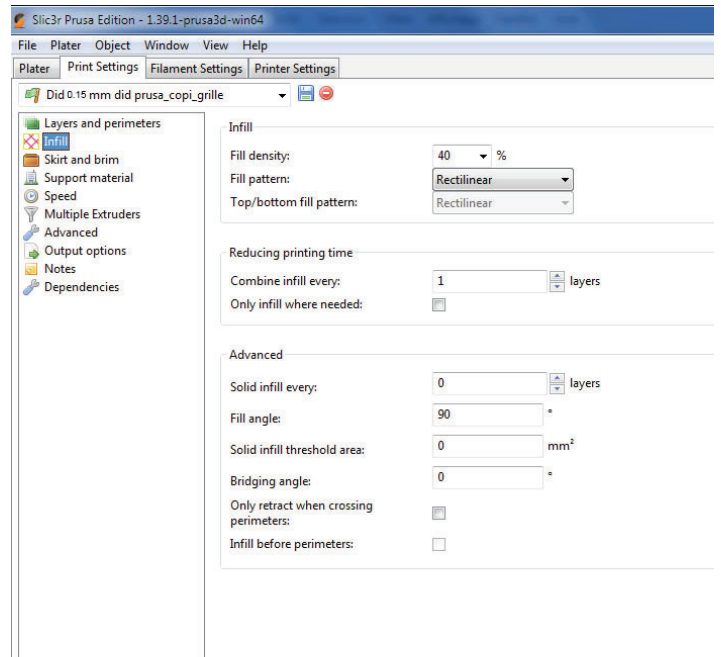
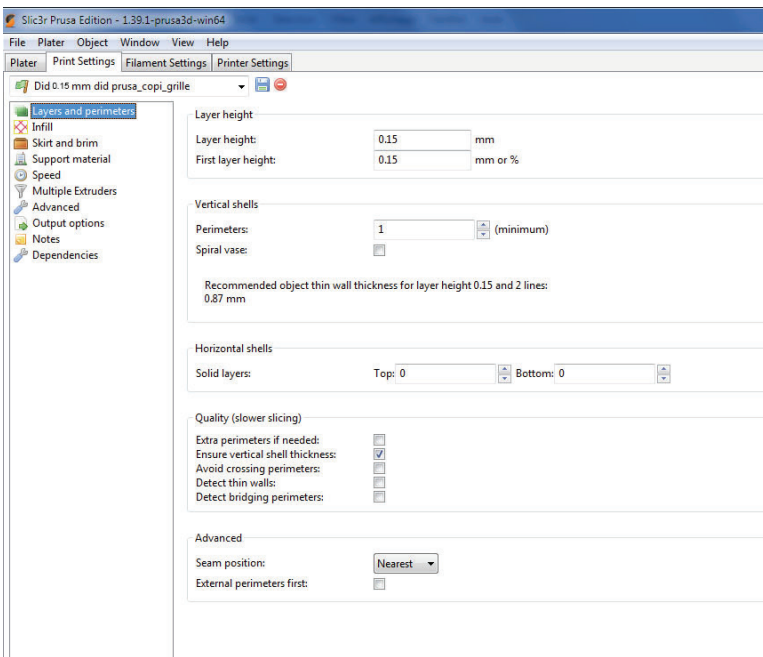
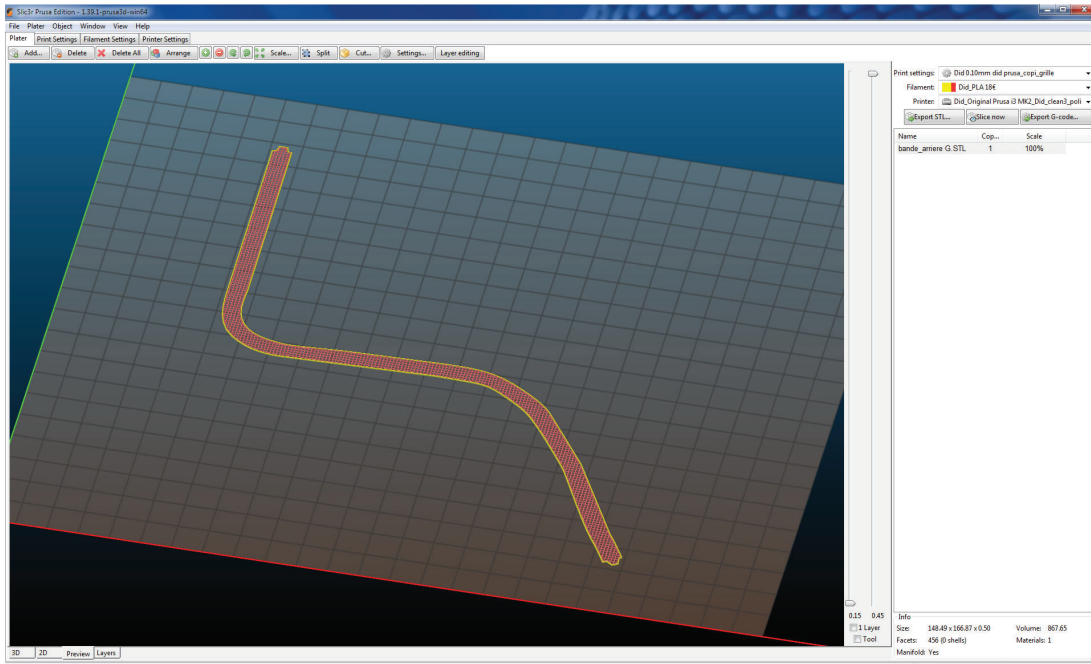
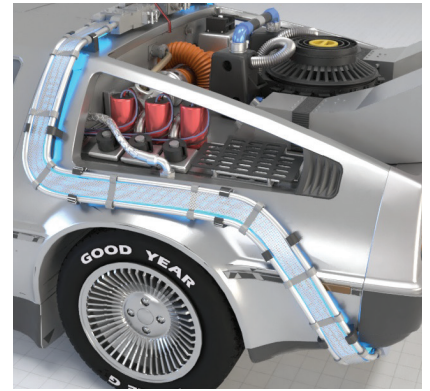
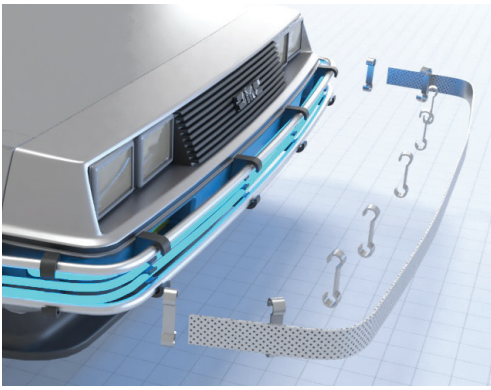
RECAP AND COLOR FINISHES



PRINTING TIPS

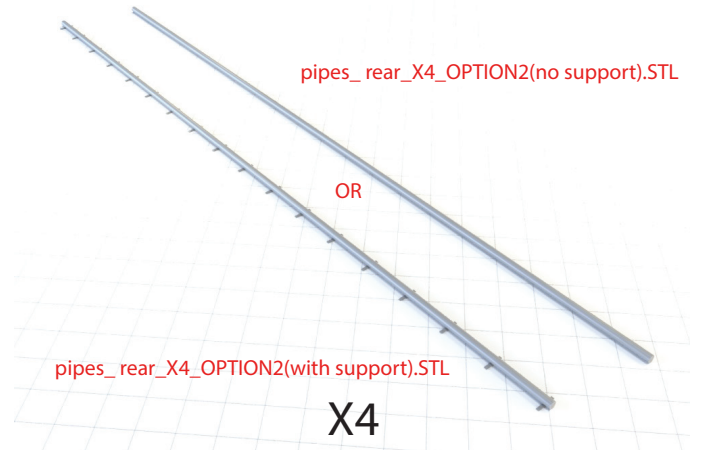
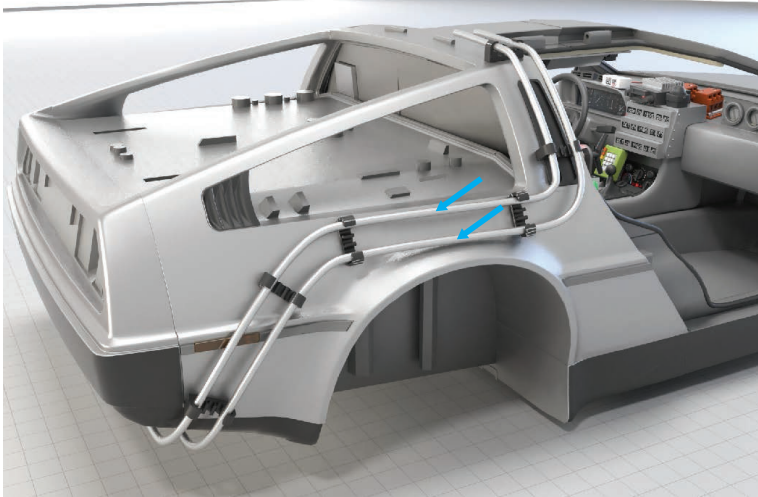
This Tapes/grid is too thin to be printed normally, you must use the settings below to make a print without top or bottom with a filling of 40%. If the grid is too tight reduce the filling by 5% and inversely.

these settings work with most slicers

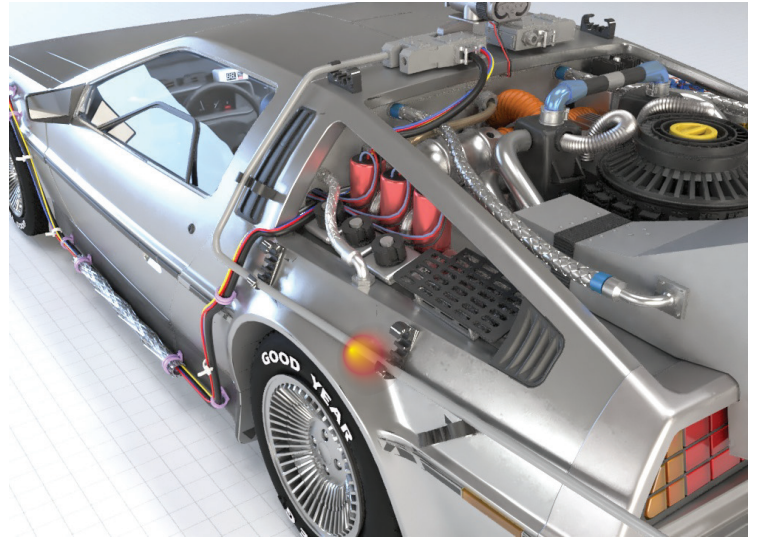
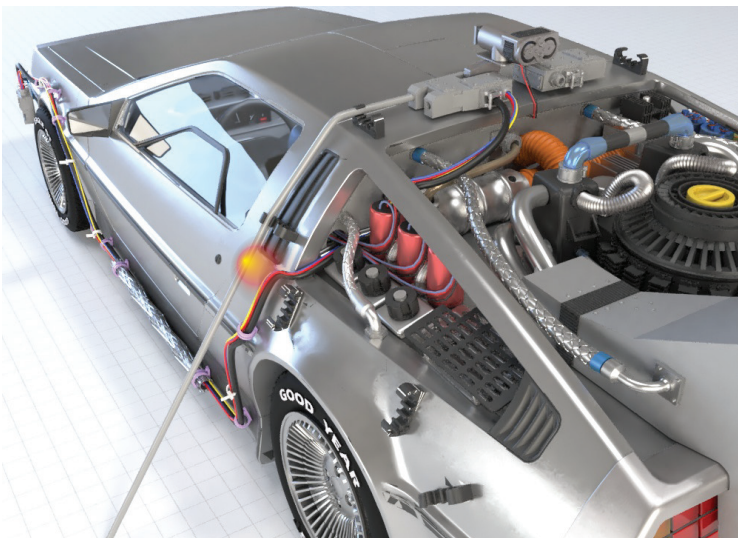
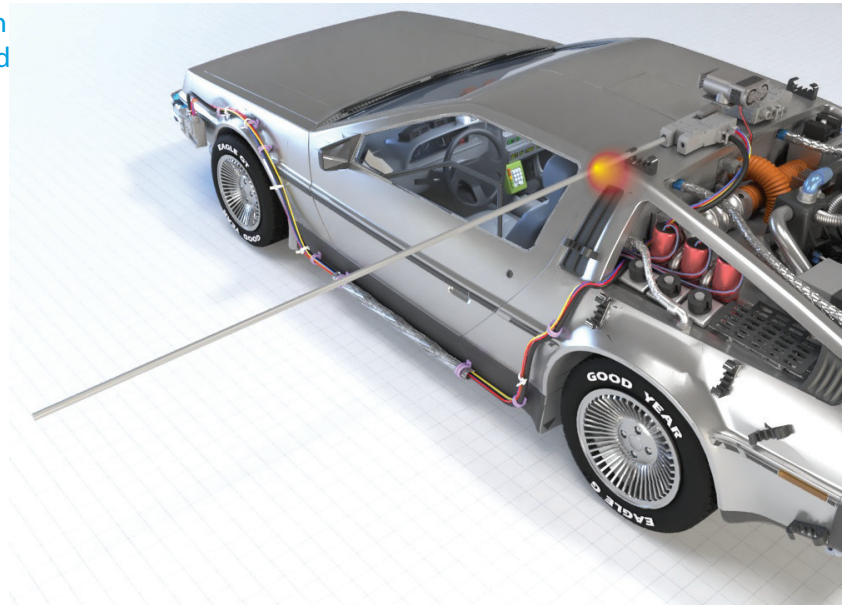


PRINTING TIPS

if you are unable to printed the too fine pipes used option 2 (file "pipes_rear_X4_OPTION2.STL")



use a hair dryer or a small kitchen torch and heated **VERY LITTLE** at every bend



TIPS

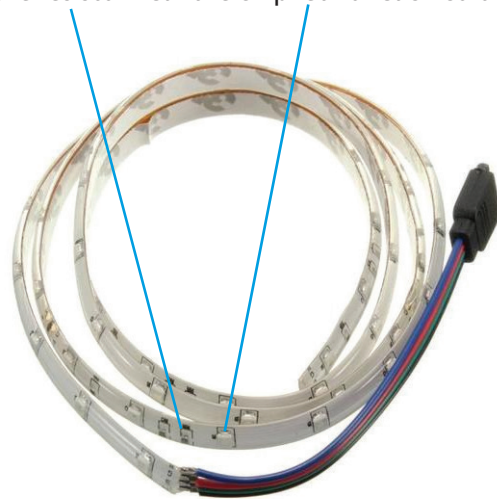
COLORS WIRES :
you can use the wires of a
used monitor cable



LEDs WHITE WARM



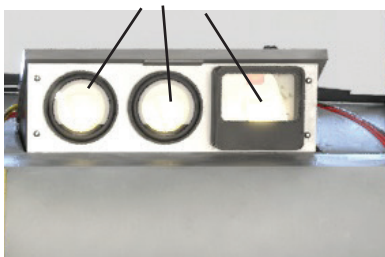
cheap strip LED RGB (be careful use Red green blue
separately , not TrichromeLED)
use the resistor near the chip led for each color.



Micro led



USE micro LED here

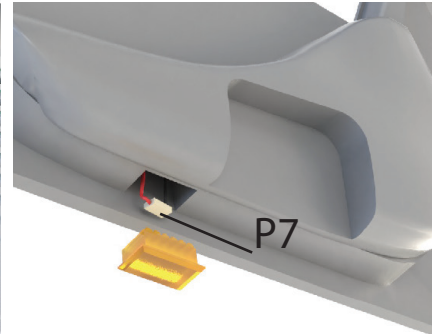
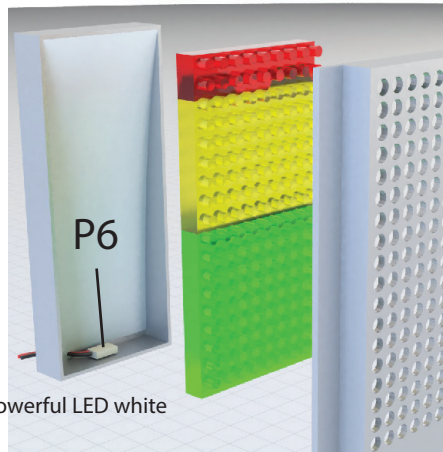
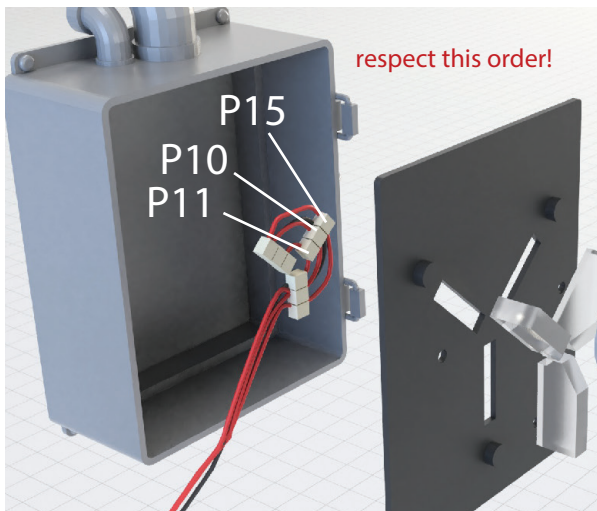
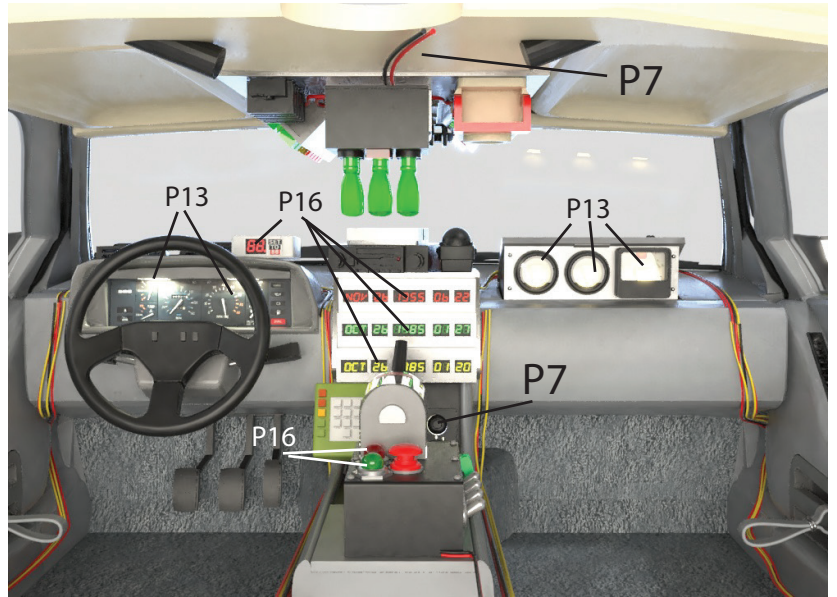
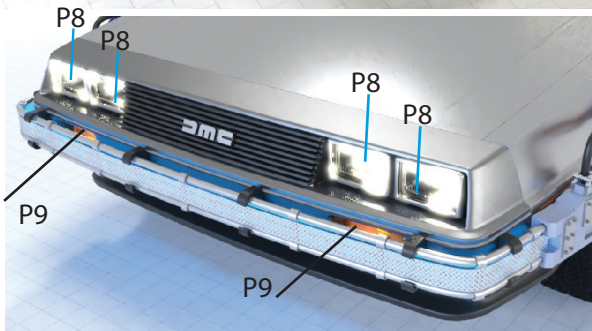
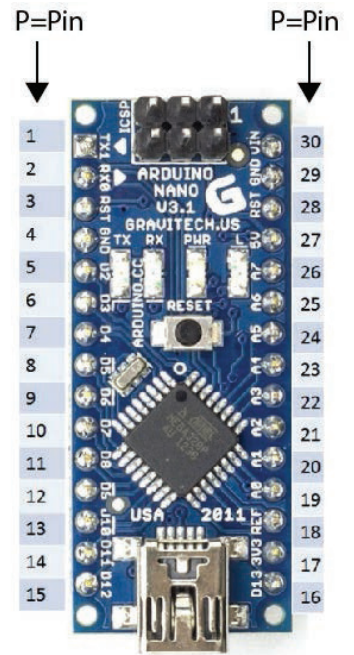
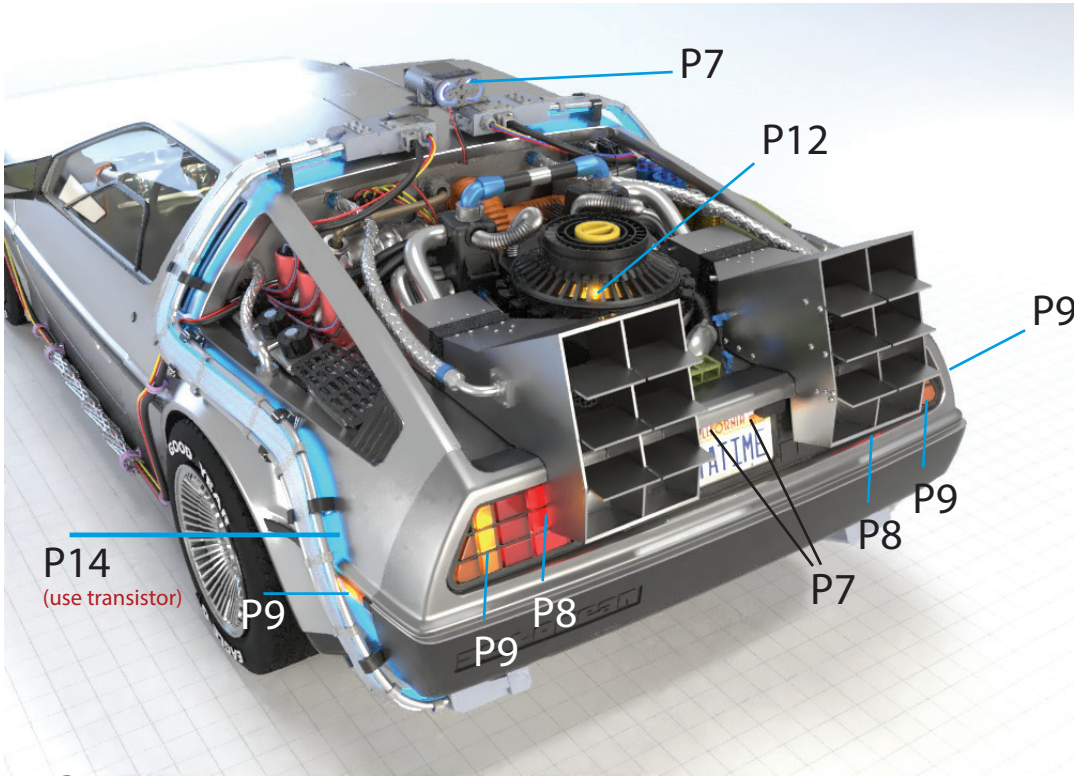


EL WIRE BLUE

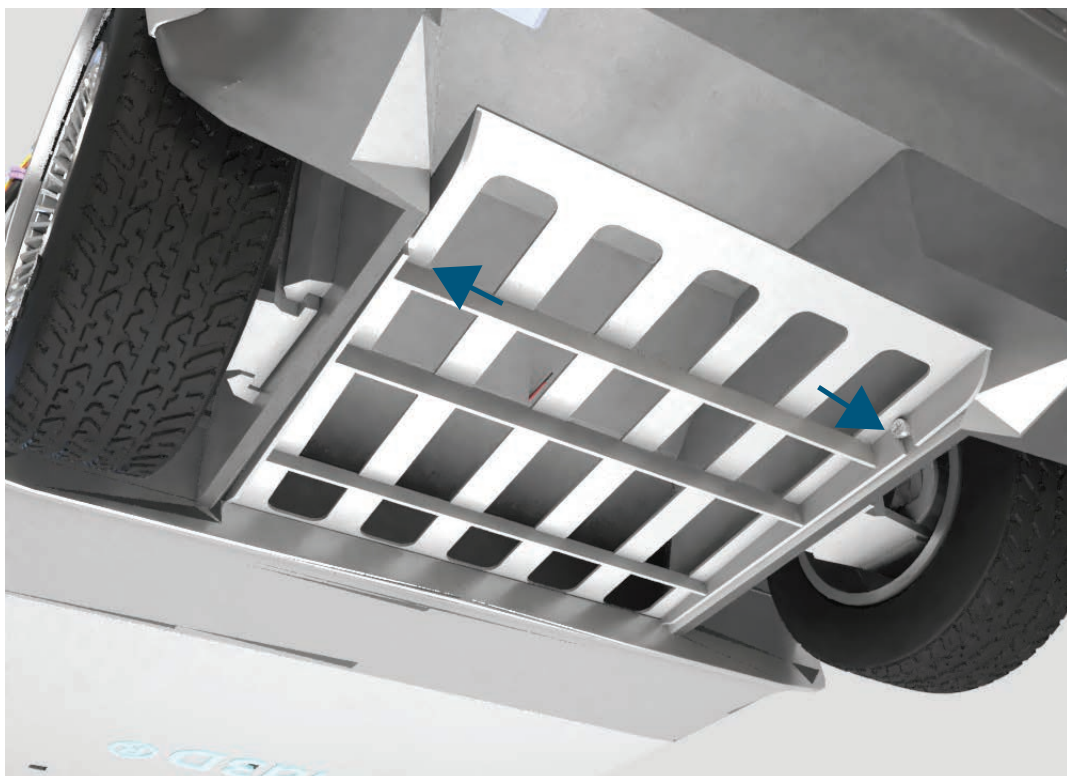


TIPS

installation instructions Wiring Arduino NANO



Closed the box containing the electronics with the provided door and 2 screws



End!