

## STEP 1



This manual shows the assembly steps of a 3 and 4 gear laydown transmission ( for MHT = mid-high traction) in a Spyder SRX2 MM car.

To mount the 3 or 4 gear laydown transmission, the Upgrade set to aluminium chassis #500503 is also needed, as shown here below.

Left side column is 4 gear HT transmission, right side is 3 gear HT transmission.

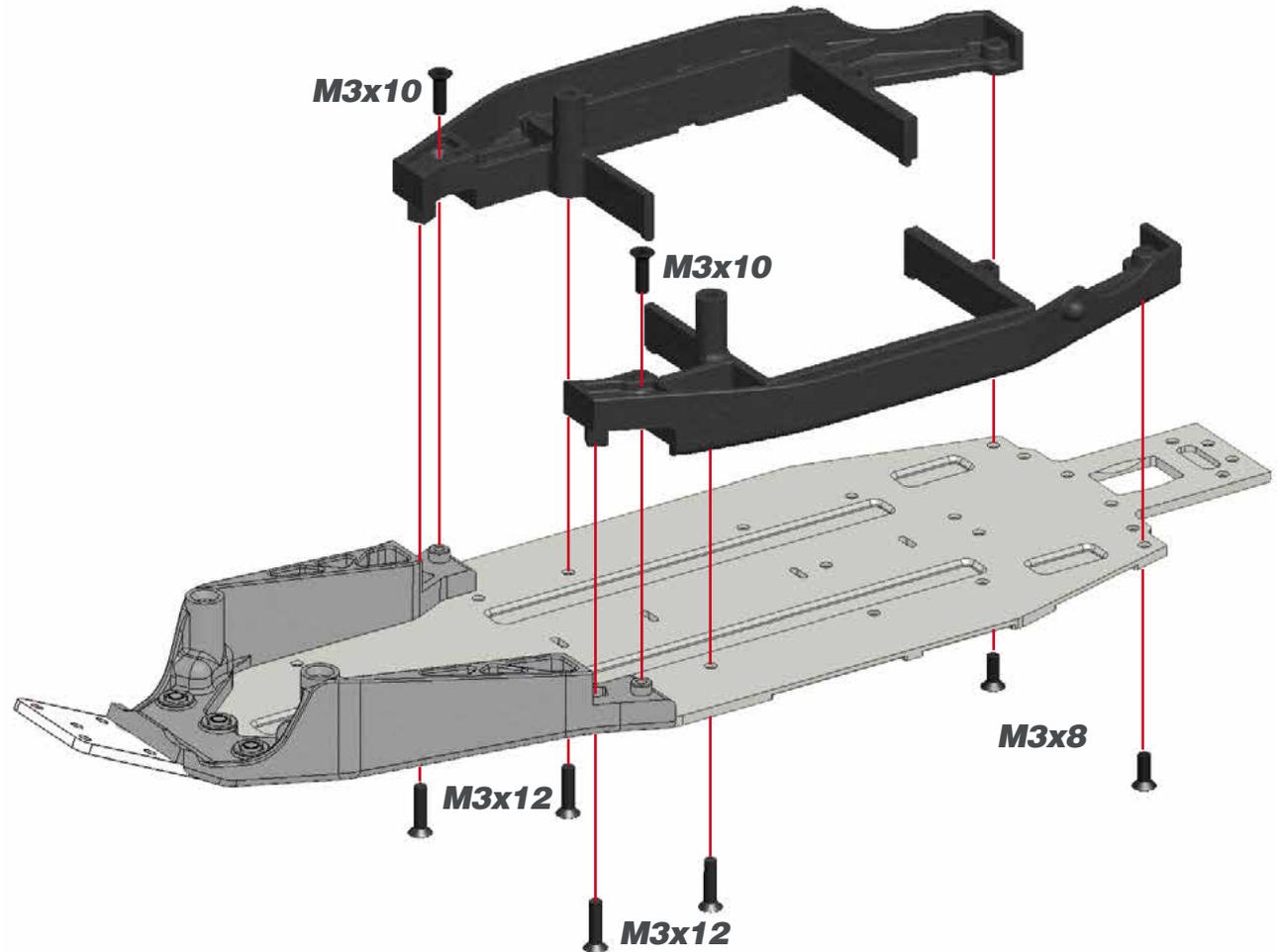
The laydown type gearbox for the Spyder SRX2 works best in high traction conditions.

The 4 gear laydown version is easier and less aggressive to drive.

The 3 gear laydown version is a little harder to drive and more aggressive.

Which version to use depends on type of driver and traction.

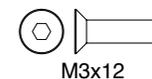
Team Serpent



M3x8



M3x10



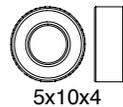
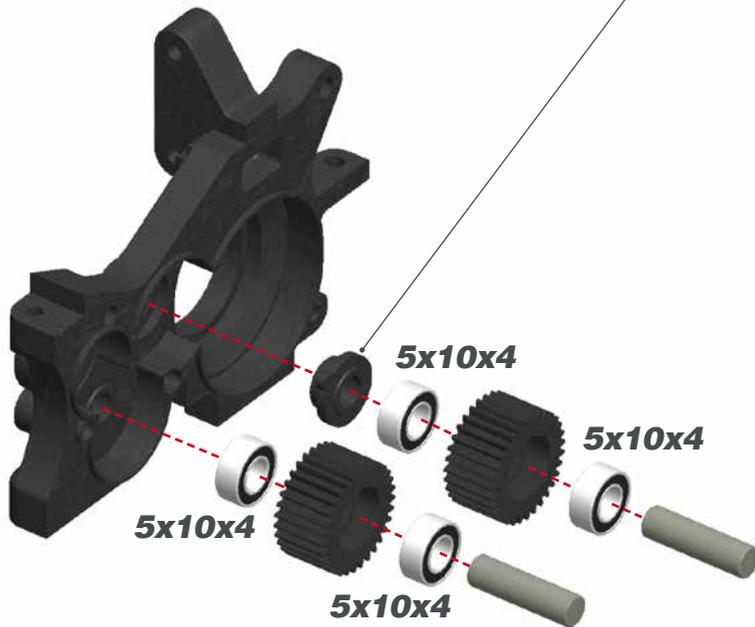
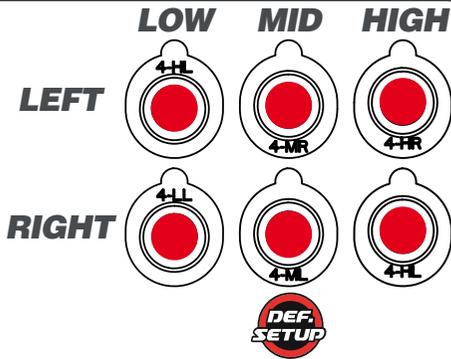
M3x12

# STEP 2

## 4 GEARS LAYDOWN TRANSMISSION

### DIFF HEIGHT SETTING

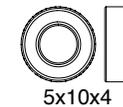
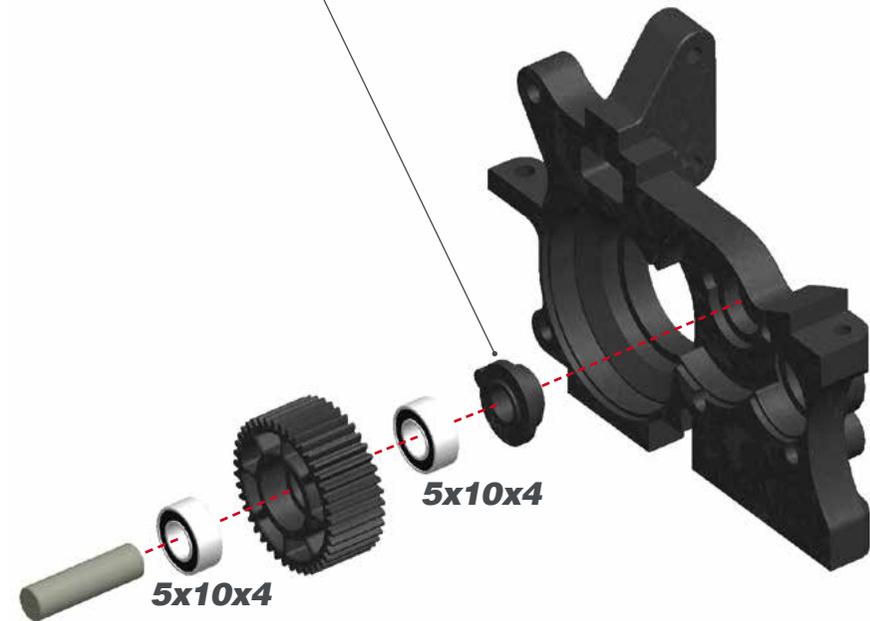
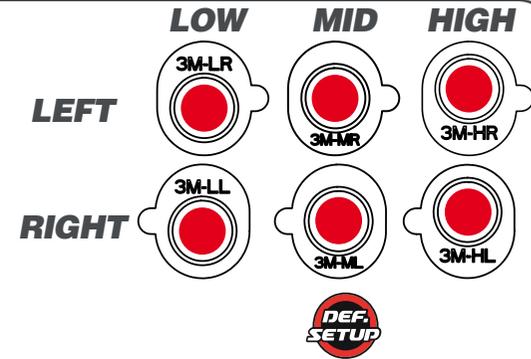
Using different idler and diff inserts is it possible to move the diff up or down. Adapt the idler and diff, and left and right insert accordingly.



## 3 GEARS LAYDOWN TRANSMISSION

### DIFF HEIGHT SETTING

Using different idler and diff inserts is it possible to move the diff up or down. Adapt the idler and diff, and left and right insert accordingly.



# STEP 3

## 4 GEARS LAYDOWN TRANSMISSION



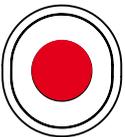
DIFF HEIGHT SETTING

Change the indicated inserts to move the diff up or low. Inner part of right insert is shown below pictures.

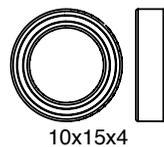
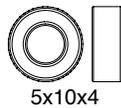
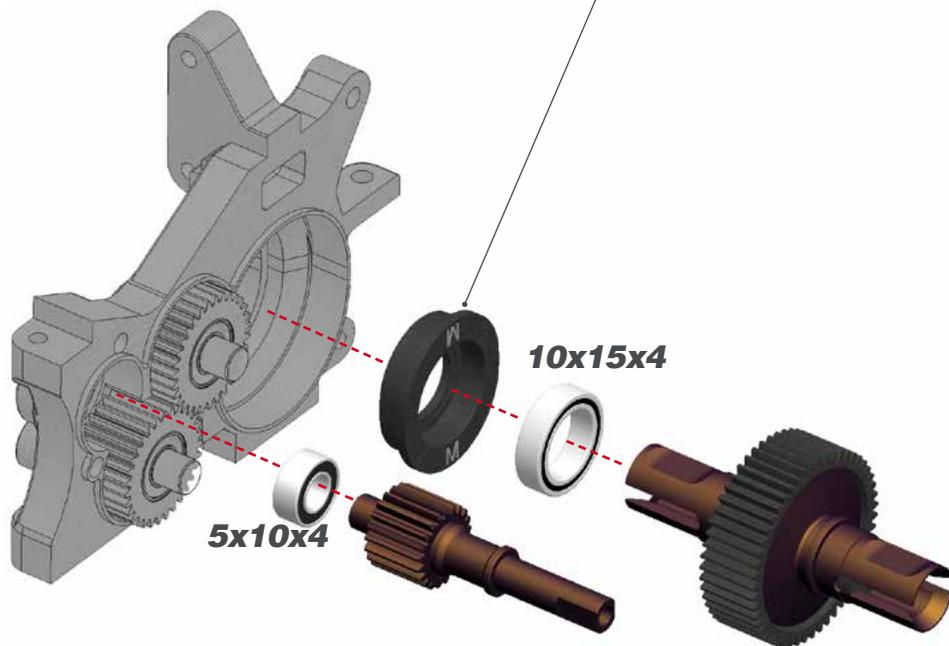
LOW



MID



HIGH



## 3 GEARS LAYDOWN TRANSMISSION



DIFF HEIGHT SETTING

Change the indicated inserts to move the diff up or low. Inner part of right insert is shown below pictures.

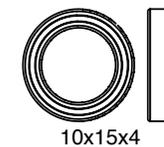
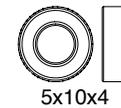
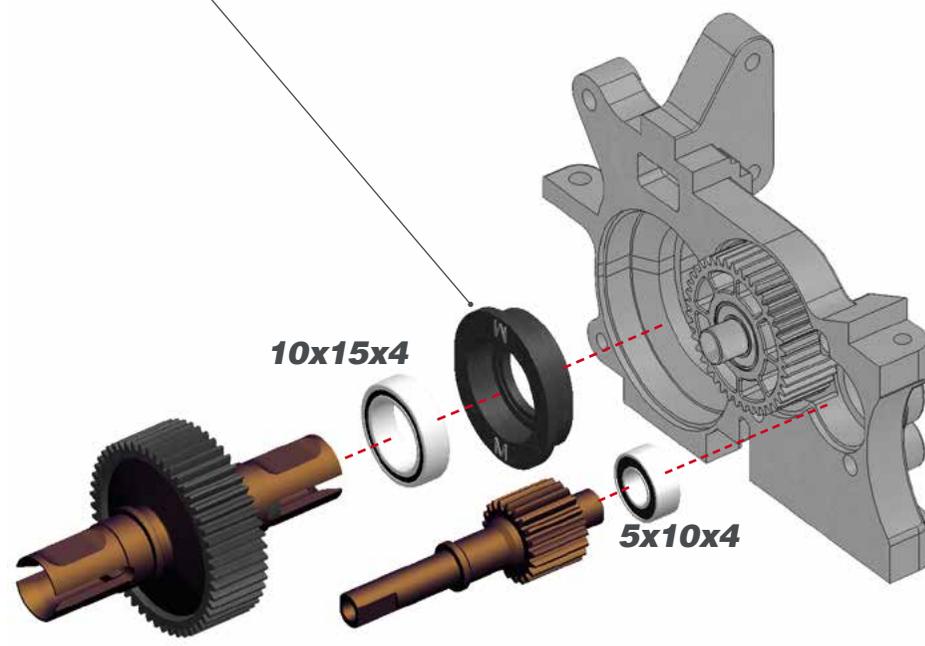
LOW



MID



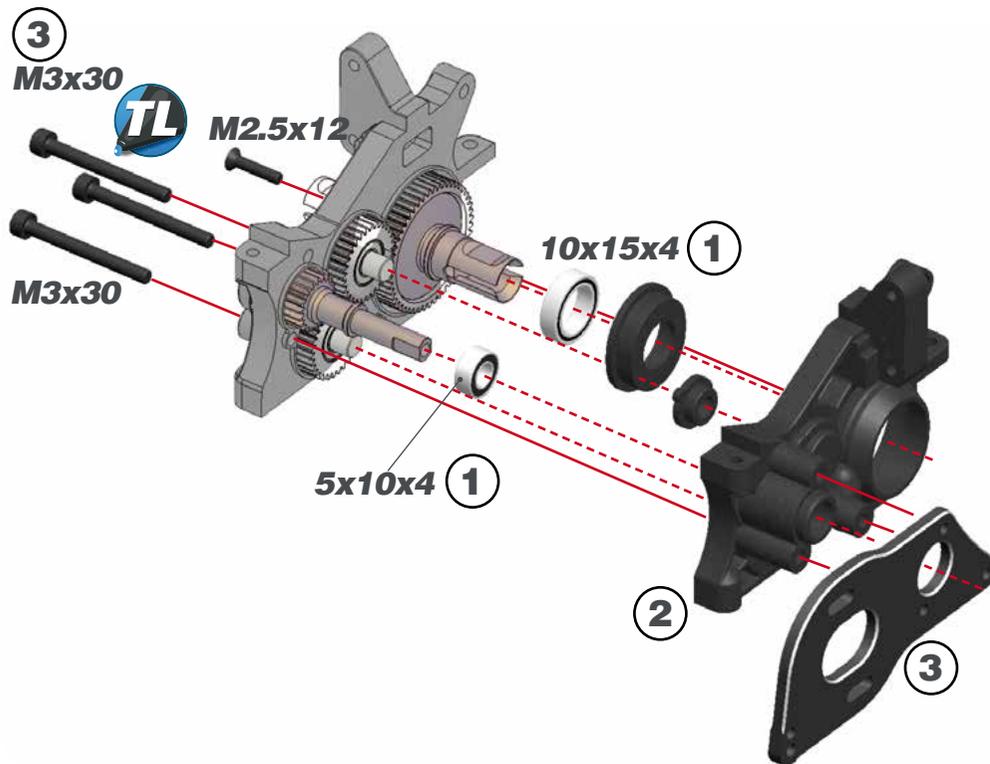
HIGH



# STEP 4

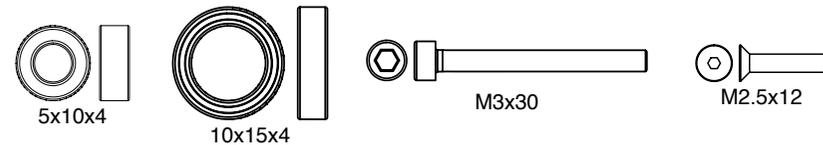
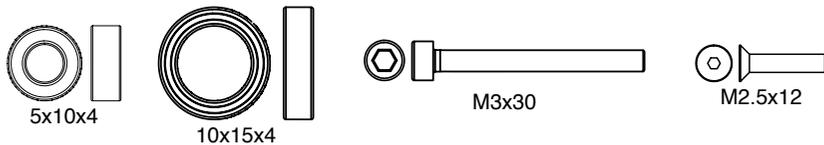
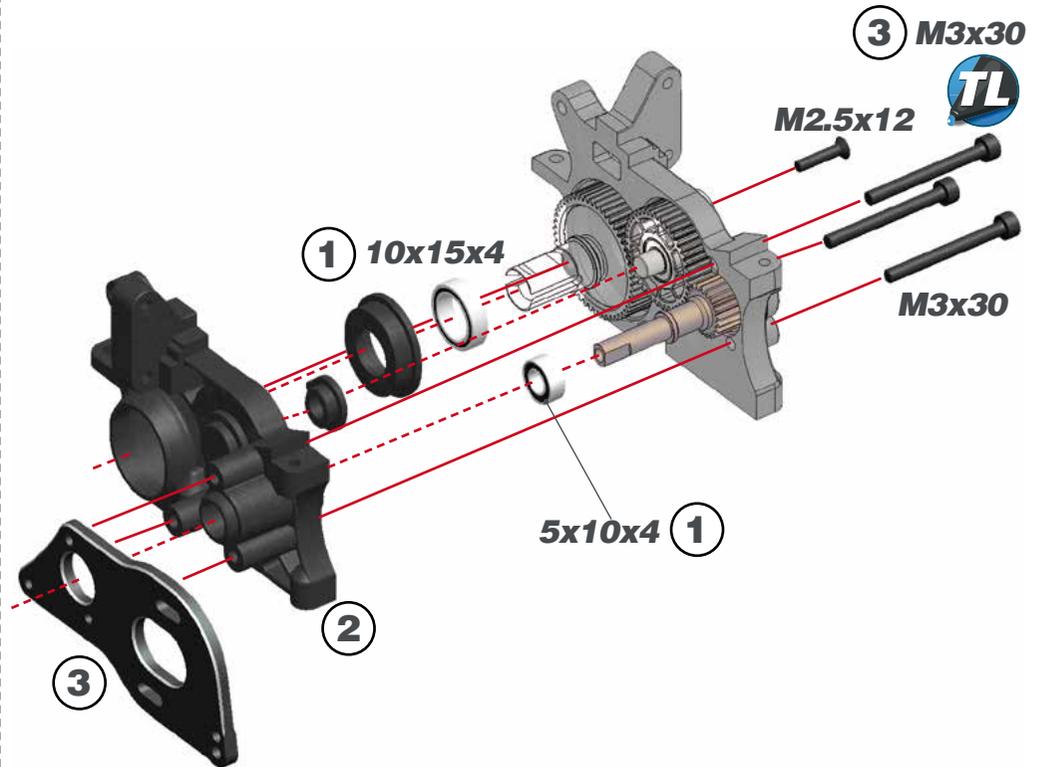
## 4 GEARS LAYDOWN TRANSMISSION

**!** Remember to assemble the right idler and diff insert accordingly to the inserts assembled in the left side in the previous steps.



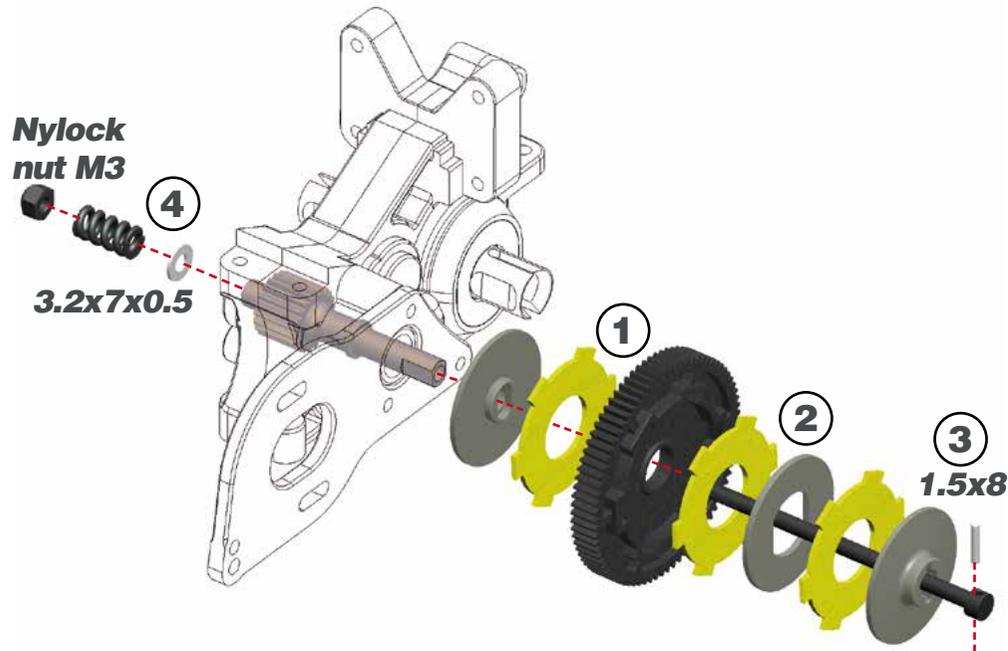
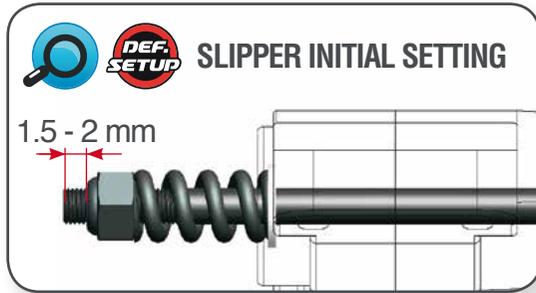
## 3 GEARS LAYDOWN TRANSMISSION

**!** Remember to assemble the right idler and diff insert accordingly to the inserts assembled in the left side in the previous steps.

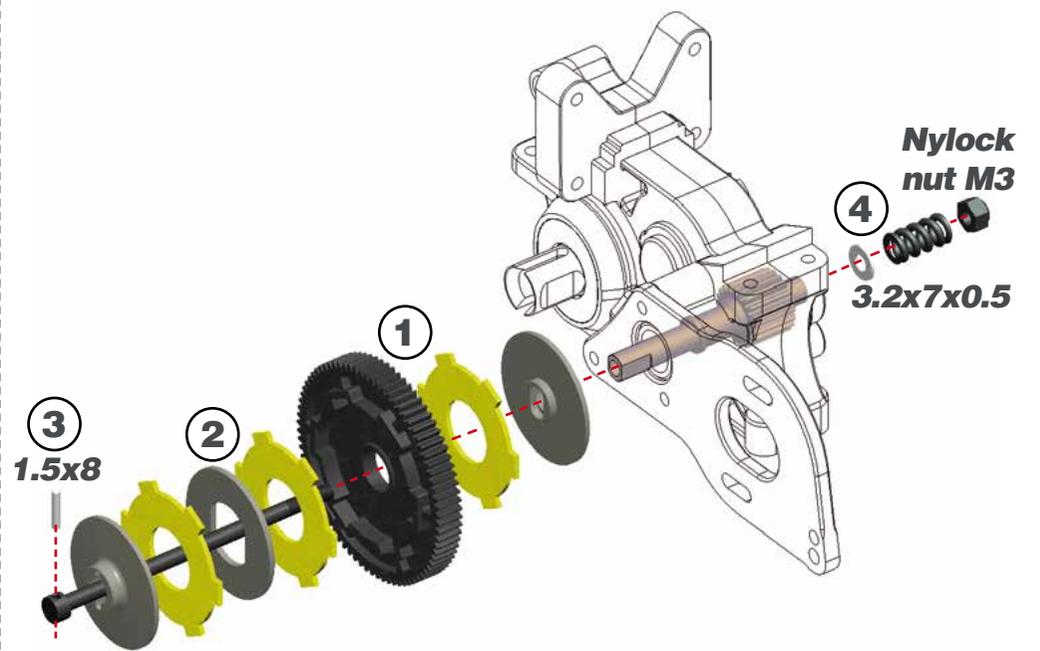
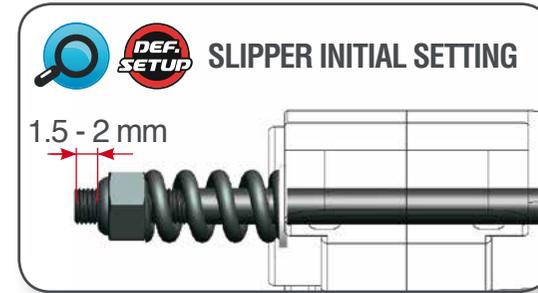


# STEP 5

## 4 GEARS LAYDOWN TRANSMISSION



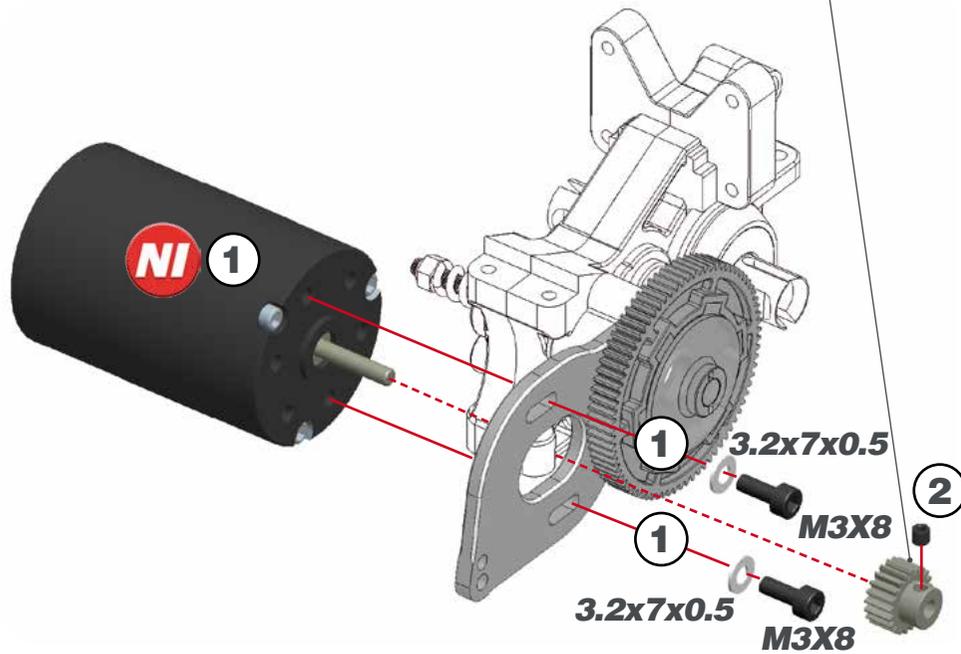
## 3 GEARS LAYDOWN TRANSMISSION



# STEP 6

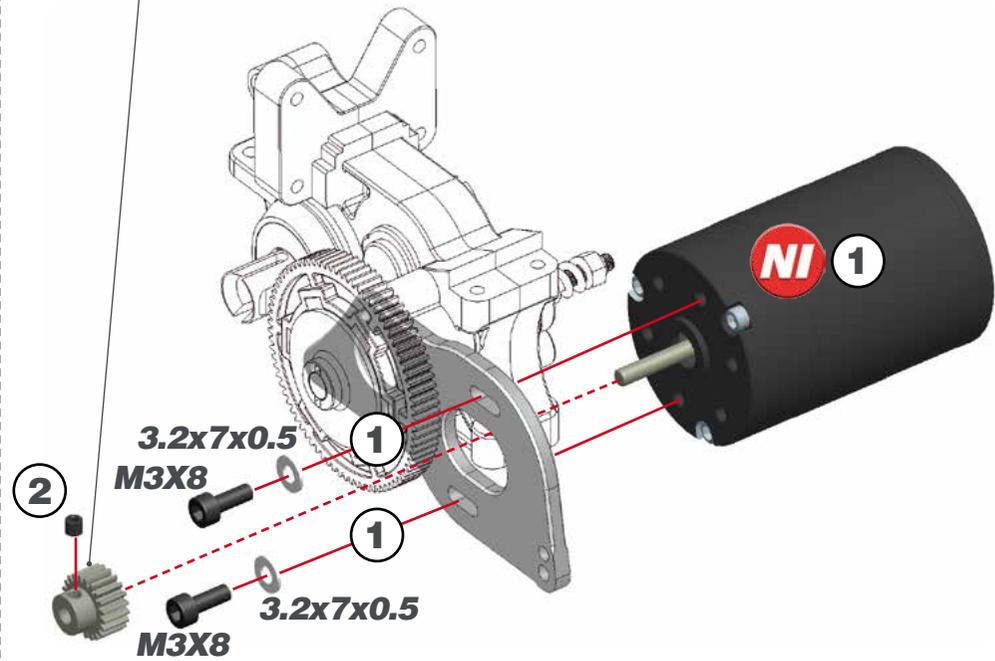
## 4 GEARS LAYDOWN TRANSMISSION

**!** **NI** Pinion is NOT INCLUDED in the kit. See Serpent pinion list in the ref-guide.



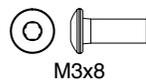
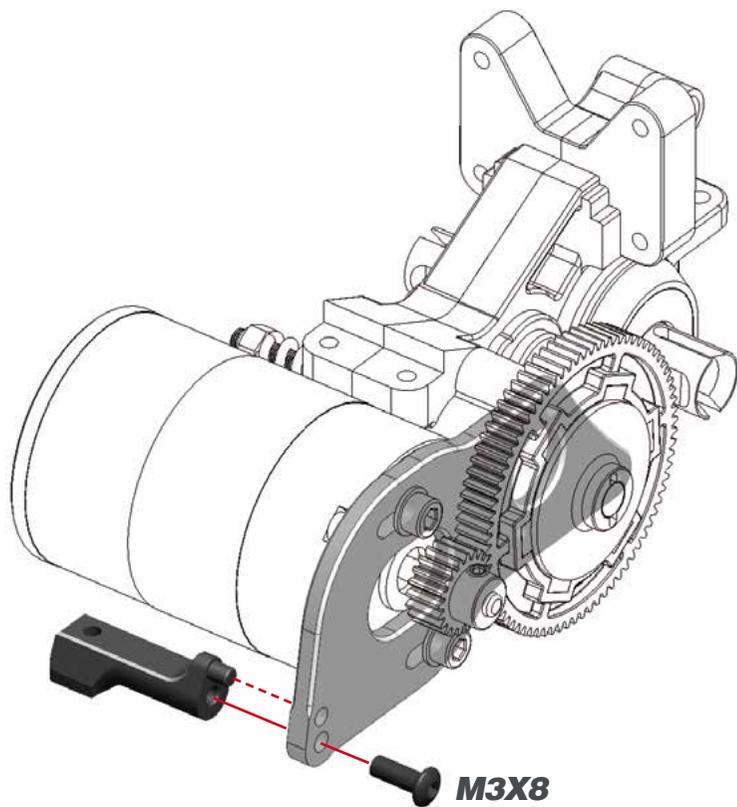
## 3 GEARS LAYDOWN TRANSMISSION

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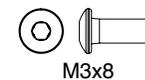
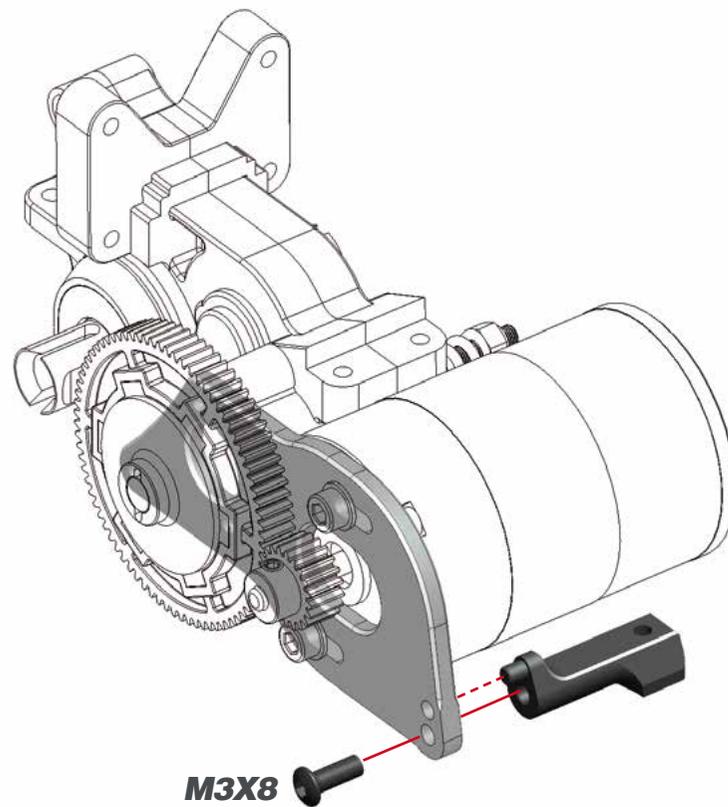


# STEP 7

## 4 GEARS LAYDOWN TRANSMISSION

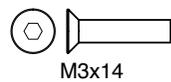
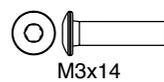
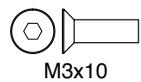
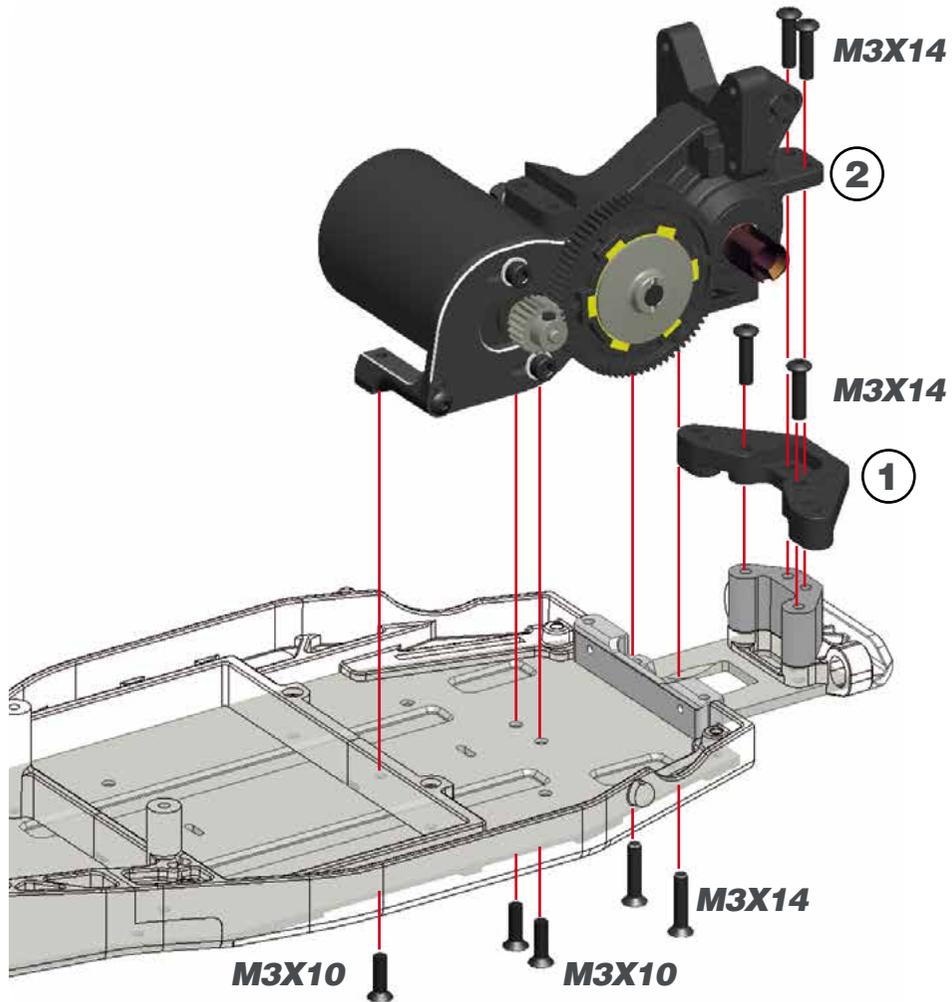


## 3 GEARS LAYDOWN TRANSMISSION

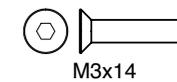
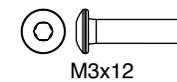
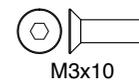
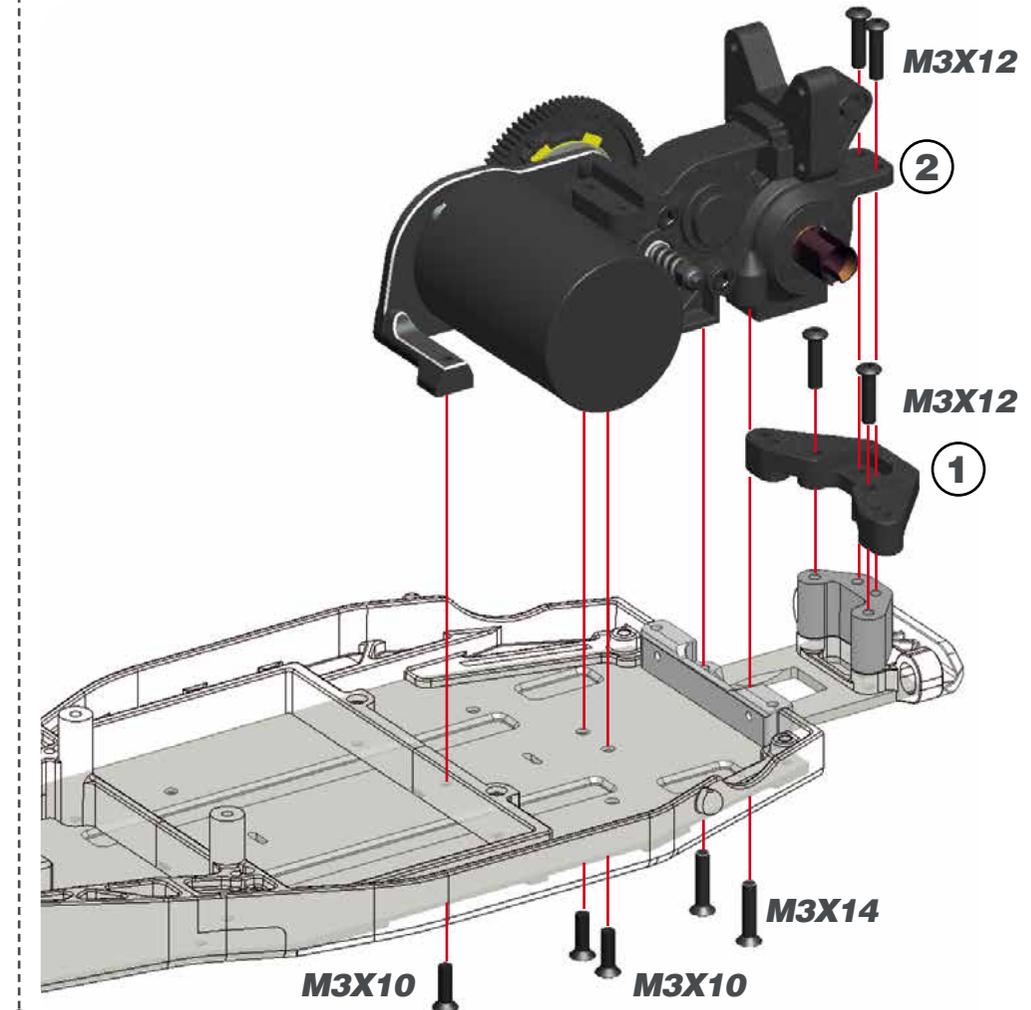


# STEP 8

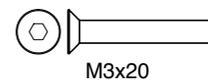
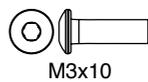
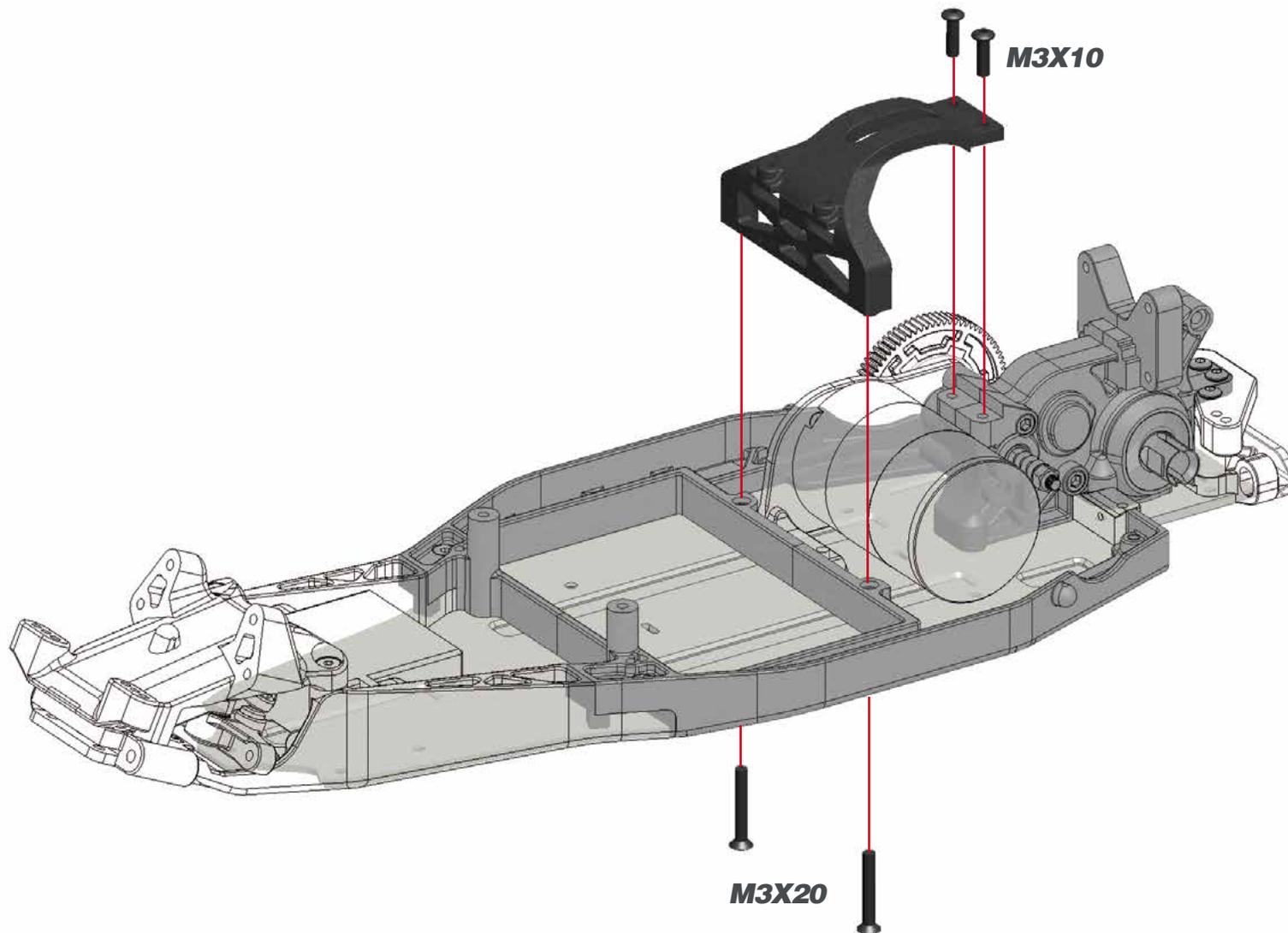
## 4 GEARS LAYDOWN TRANSMISSION



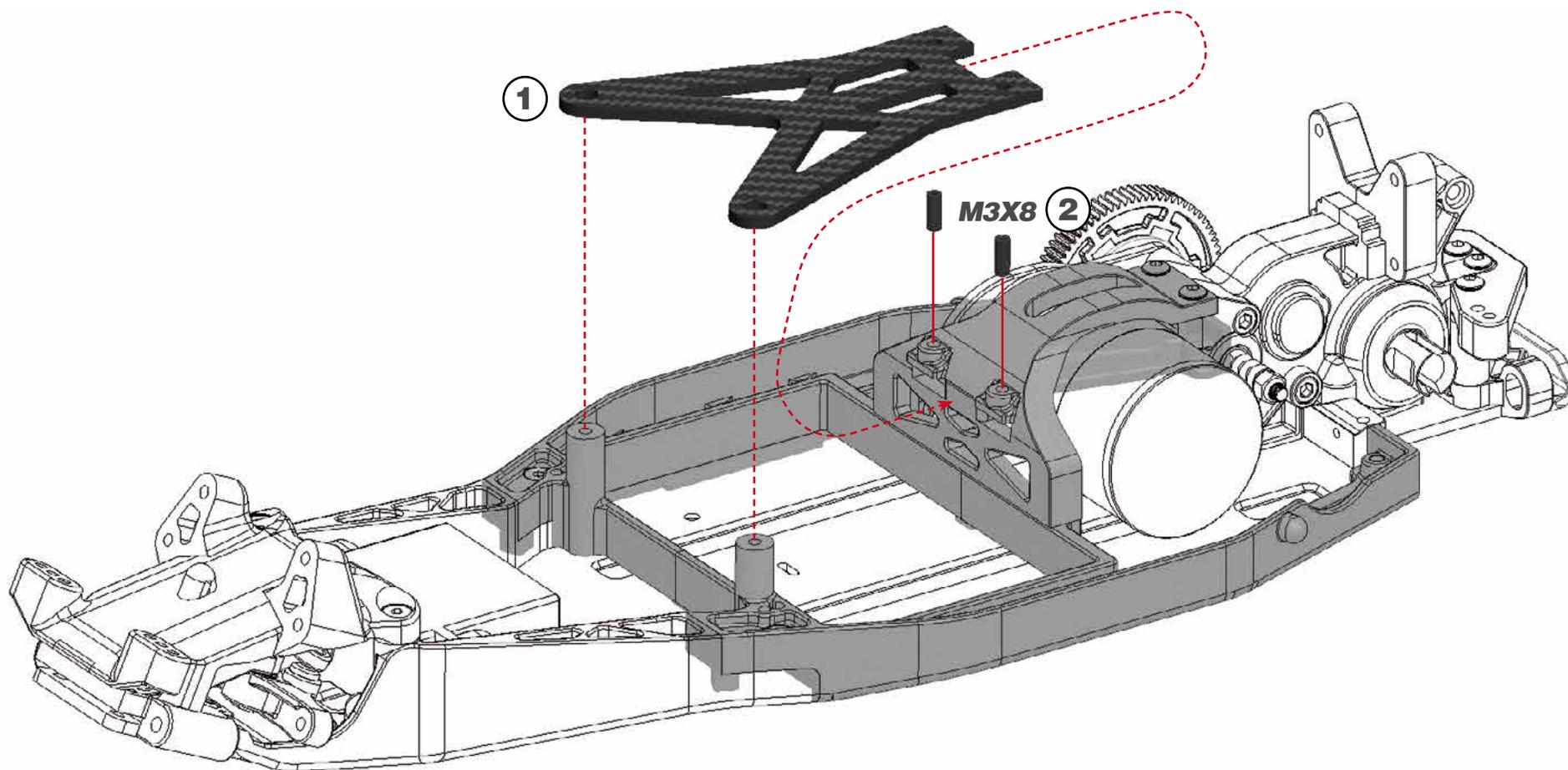
## 3 GEARS LAYDOWN TRANSMISSION



STEP 9



STEP 10

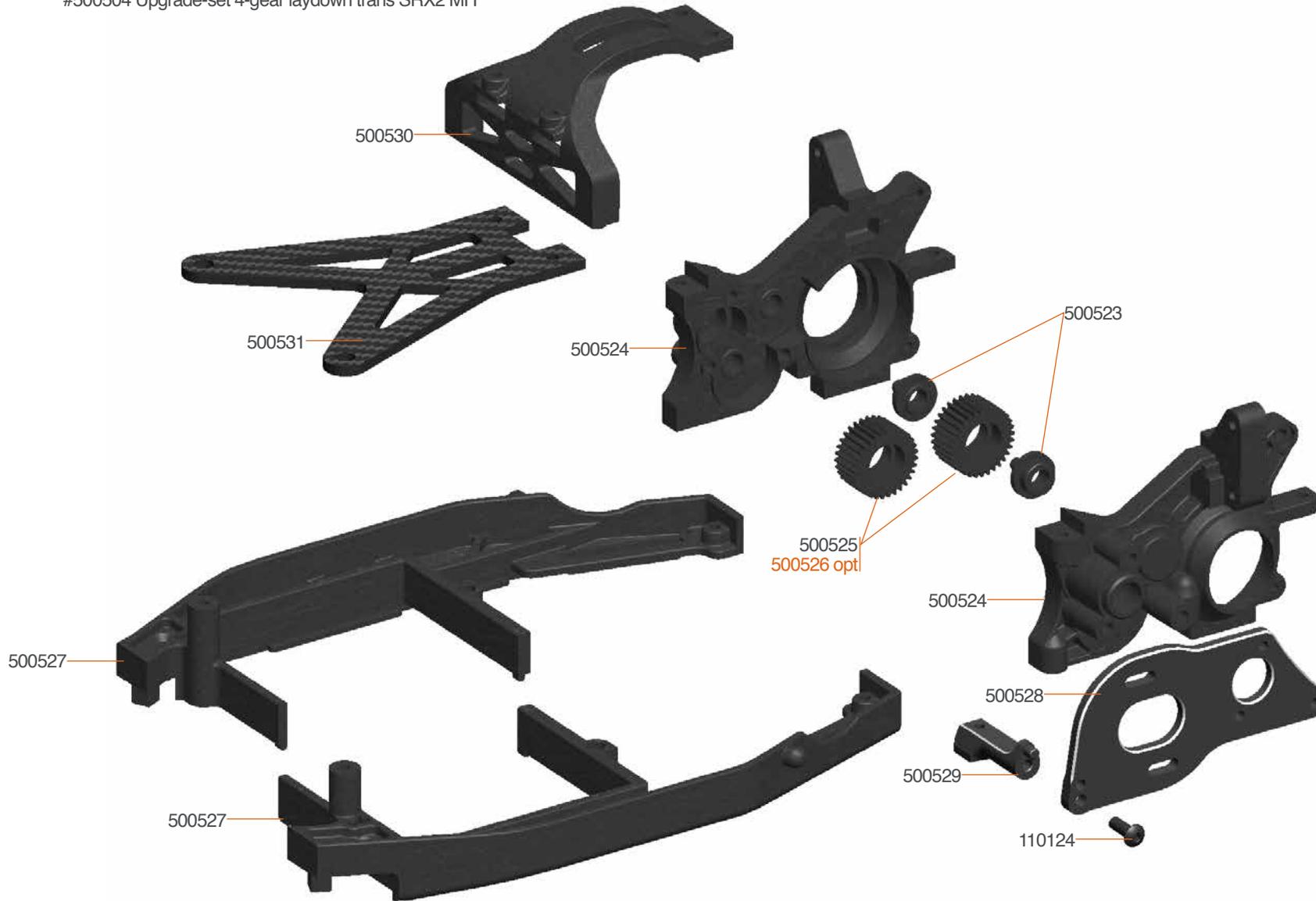


M3x8

# EXPLODED VIEW 4-GEAR LAYDOWN TRANS SRX2 MH



#500504 Upgrade-set 4-gear laydown trans SRX2 MH



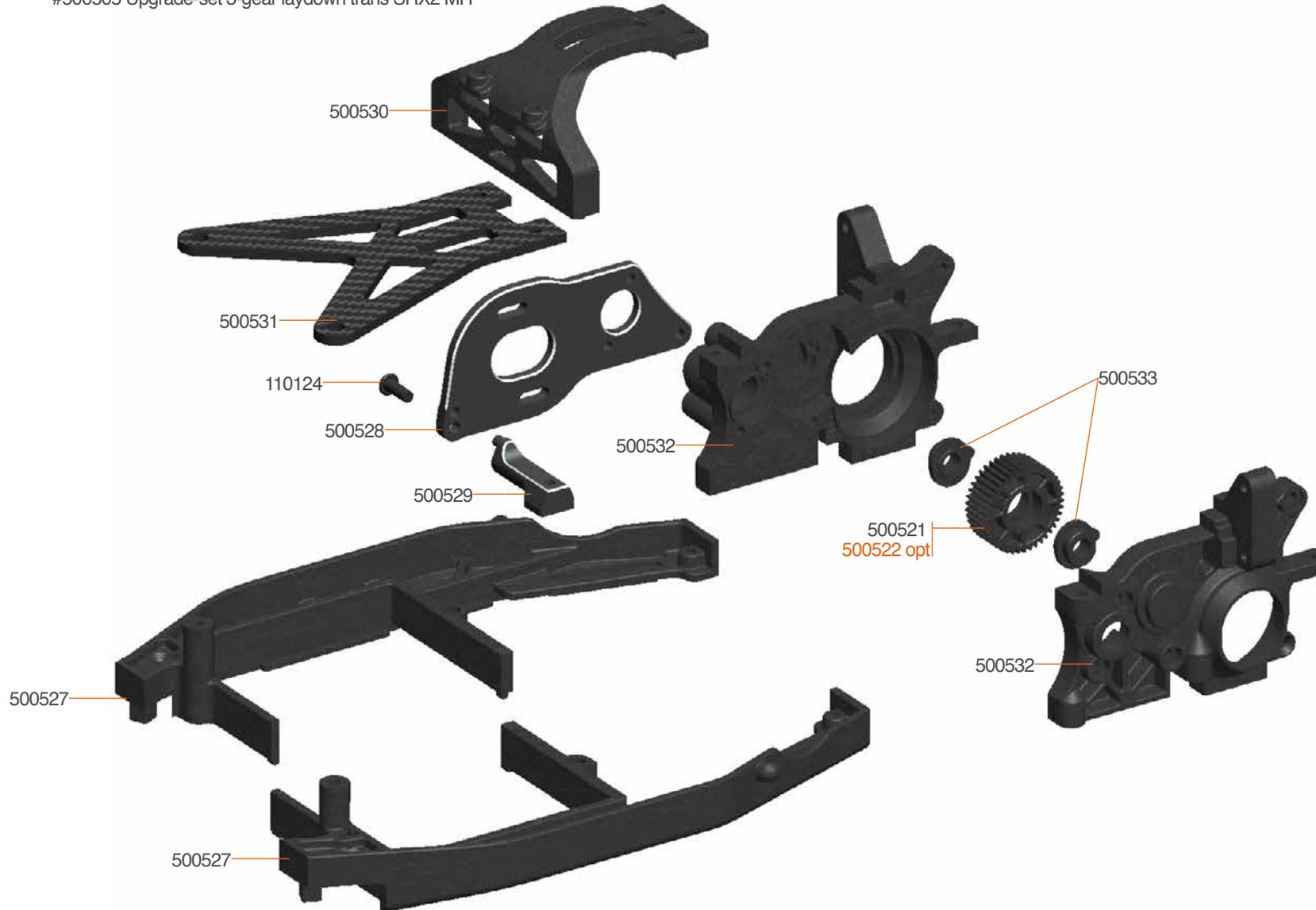
500526 Idler gear 31T alu 3 gear (2) SRX2 MH



# EXPLODED VIEW 3-GEAR LAYDOWN TRANS SXR2 MH



#500505 Upgrade-set 3-gear laydown trans SRX2 MH



500522 Idler gear 41T alu 3 gear SRX2 MH