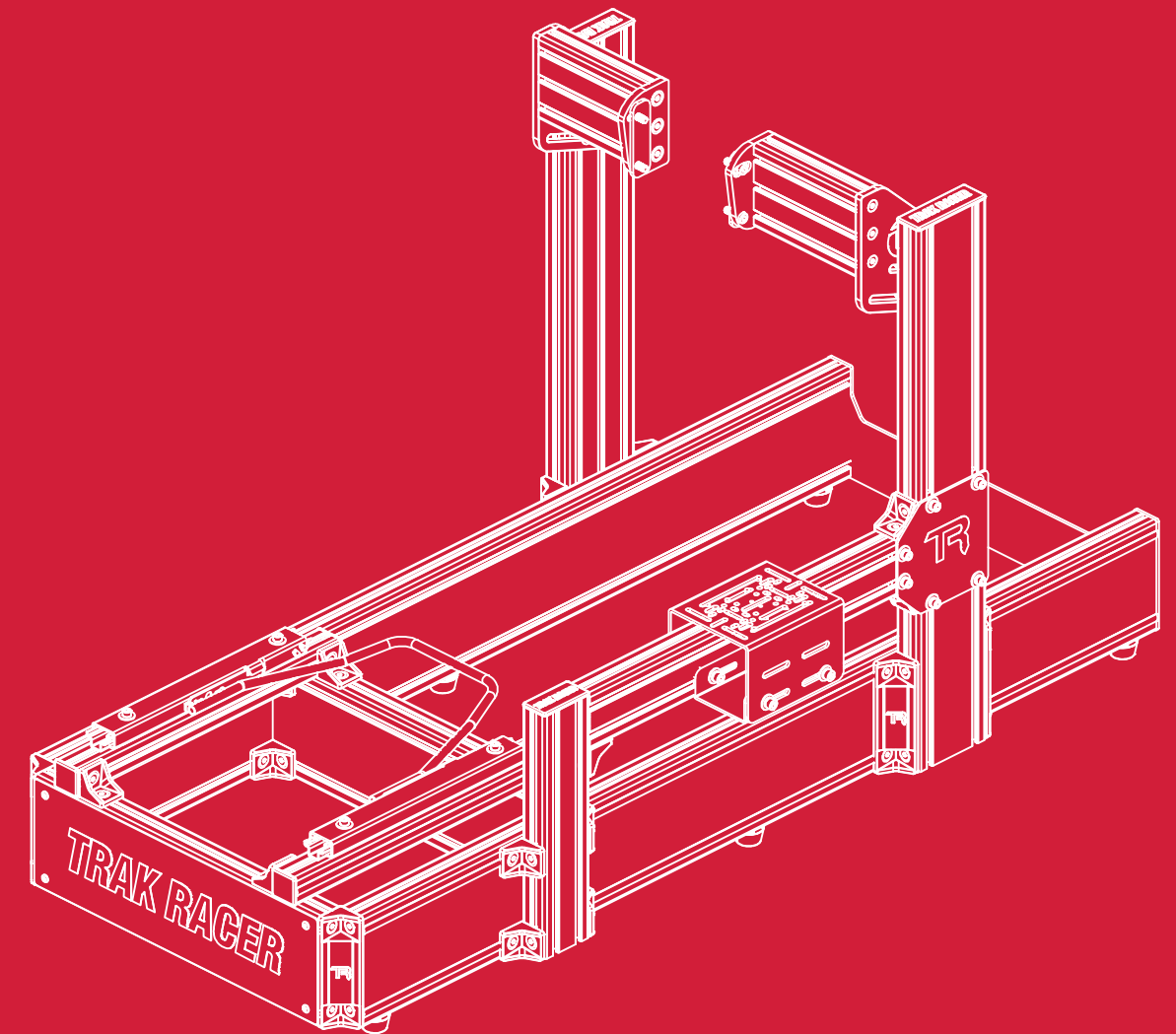
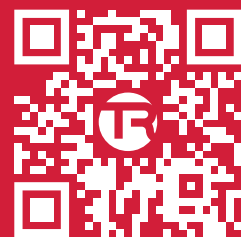




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TR1605 - MANUAL VERSION 1A

TR1605 SIMULATOR

Assembly Guide



IMPORTANT: Different regions may have different models. Please ensure the part numbers on the following pages match those on your product packaging.

01

SYMBOL LEGEND	01
---------------	----

02

PART LIST	02
-----------	----

03

ASSEMBLY NOTES	
TR1605	04

04

ASSEMBLY INSTRUCTIONS	
TR1605	07
PEDAL OPTIONS	21
TR80-PBPL2	22
TR80-PBAL2	30
TR80-HYPL2	40

SYMBOL LEGEND



IMPORTANT: Since there are different versions of each product based on your region, please make sure you are using the correct set of instructions. The part numbers on the following page should match the numbers on your product packaging.



IMPORTANT: Due to the nature of cut aluminum profiles, some metal shavings may remain despite our thorough QA cleaning process. We recommend opening boxes and packaging on a hard surface.



NOTE: Some screws and washers may be pre-installed. These are included in the parts list and will need to be loosened and reattached according to the instructions.



Recommended:
Two people for the task



Safety glasses required



Tighten the hardware



Attention/Priority needed



Keep the hardware loose
for adjustments



Reserve for the next step



Make the necessary adjustments



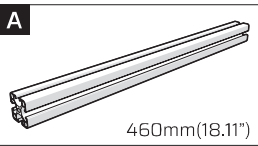
Mirrored components
(same on both sides)



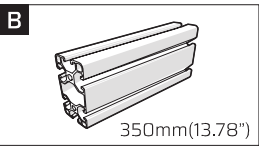
Break the tab off the corner bracket

PART LIST

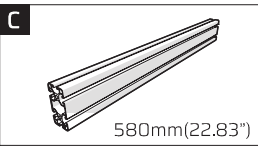
COMPONENTS



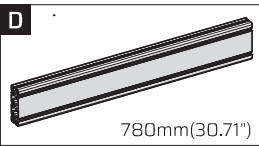
Aluminum Profile
AP-4040-460 **X2**



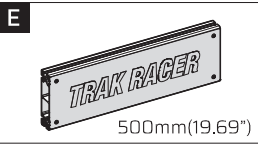
Aluminum Profile
AP-4080-350 **X1**



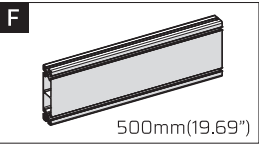
Aluminum Profile
AP-4080-580 **X1**



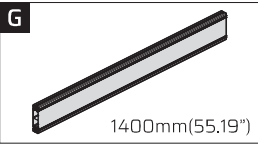
Aluminum Profile
AP-40120-780 **X2**



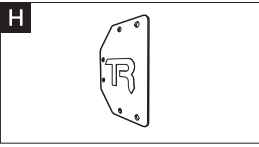
Chassis Rear End
AP-40160-500-A **X1**



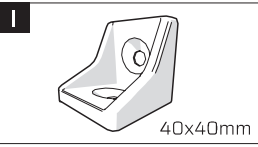
Aluminum Profile
AP-40160-500 **X1**



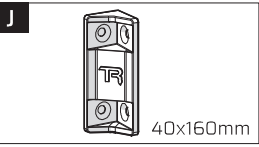
Aluminum Profile
AP-40160-1400 **X2**



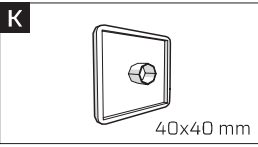
Shifter Side Plate
SFTSUP **X1**



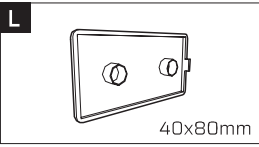
Corner Bracket
CB-40 **X15**



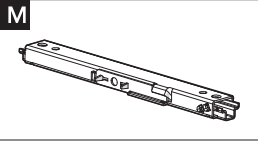
Corner Bracket
CB-160 **X6**



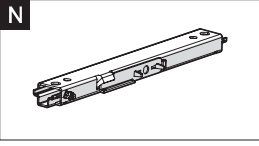
End Cap
EC-40 **X4**



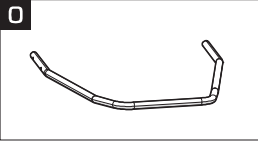
End Cap
EC-80 **X1**



Seat Slider Right
SSR-R **X1**



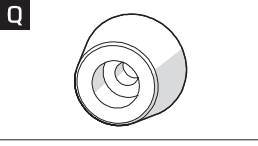
Seat Slider Left
SSL-L **X1**



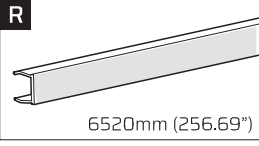
Seat Slider Lever
SSL-01 **X1**



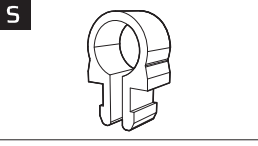
Front Logo Plate
FLP-02 **X1**



Rubber Feet
FR-01 **X6**



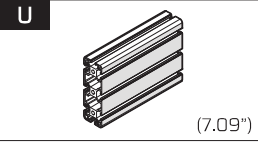
Red Profile Strip
PS-6520 **X1**



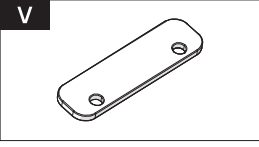
Cable Management Clip
CMC **X10**



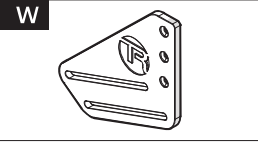
40x120 End Cap
EC-120 **X2**



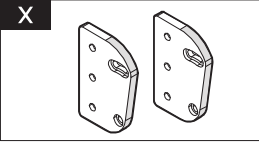
Aluminum Profile
TR-40120-180 **X2**



Mounting Plate
PM **X4**

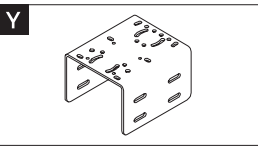


Outer Installation Plate
PIO **X2**

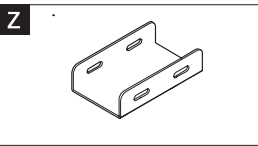


Middle Mounting Plate
PMM **X1**

PART LIST

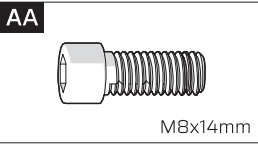


Shifter Plate
SM-01 **X1**

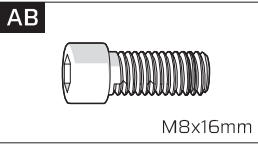


Shifter Support Plate
SM-02 **X1**

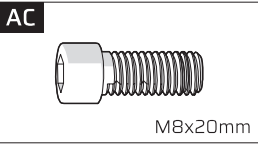
ACCESSORIES



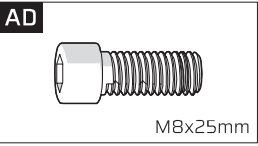
Hex Screw
SH-M8-14 **X4**



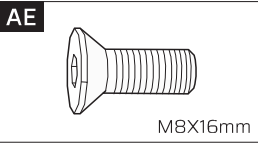
Hex Screw
SH-M8-16 **X4**



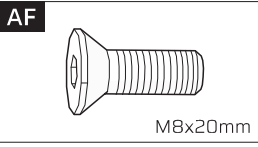
Hex Screw
SH-M8-20 **X21**



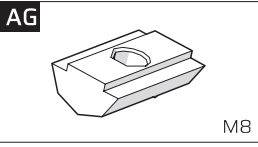
Hex Screw
SH-M8-25 **X12**



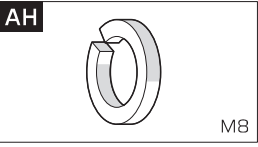
Screw (Flat)
SF-M8-16 **X48**



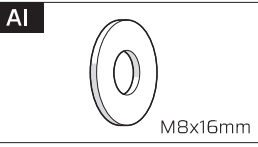
Screw (Flat)
SF-M8-20 **X26**



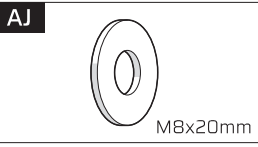
Ball Bearing Nut
NS-M8 **X78**



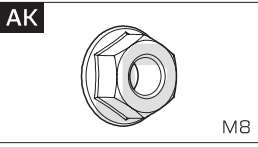
Washer (Lock)
WL-M8 **X22**



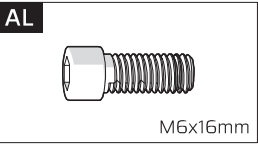
Washer (Flat)
WF-M8-16 **X6**



Washer (Flat)
WF-M8-20 **X26**

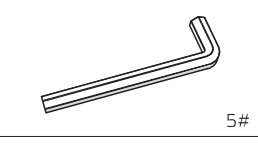


Flange Nut
NF-M8 **X2**

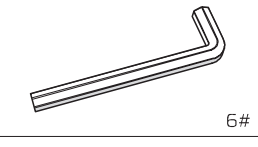


Hex Screw
SH-M6-16 **X2**

INCLUDED TOOLS



5mm Hex Key
5# **X1**

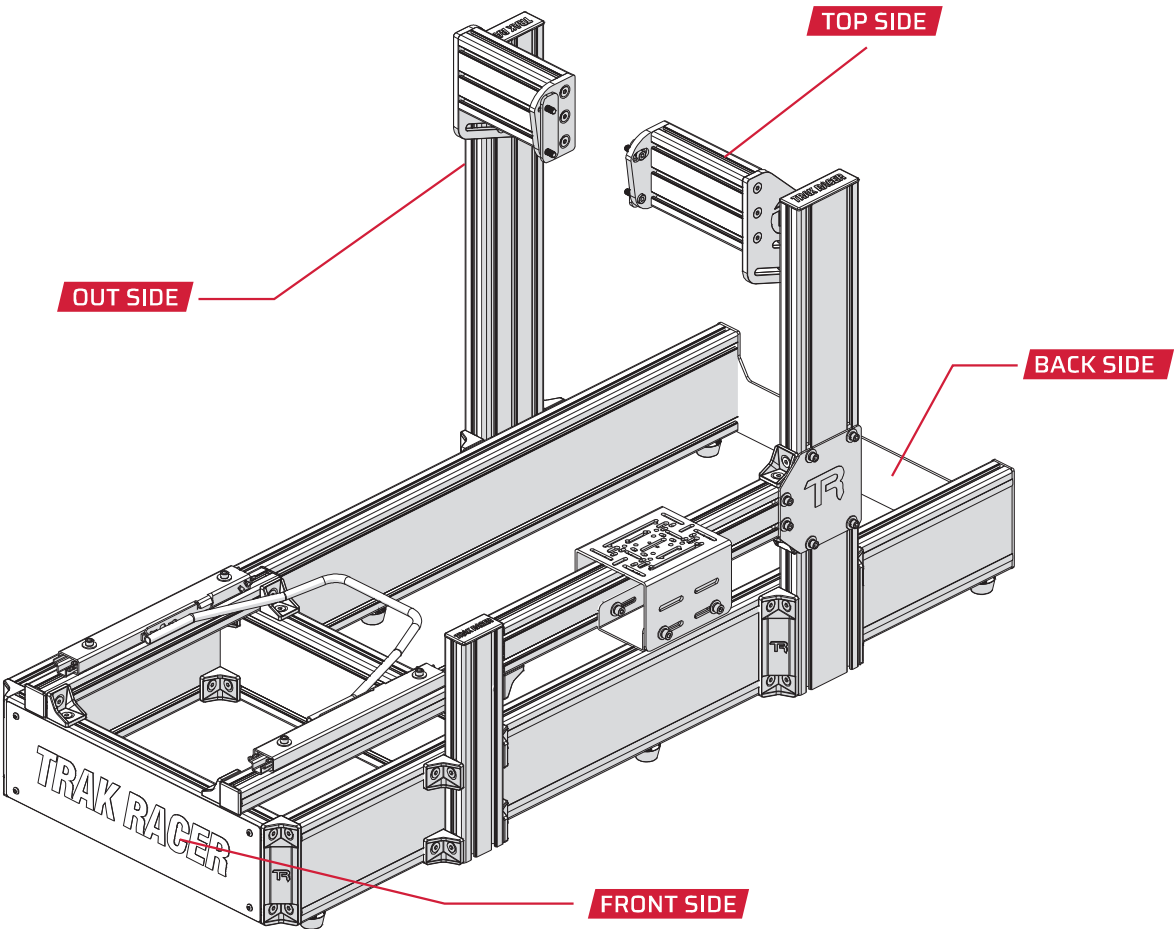


6mm Hex Key
6# **X1**

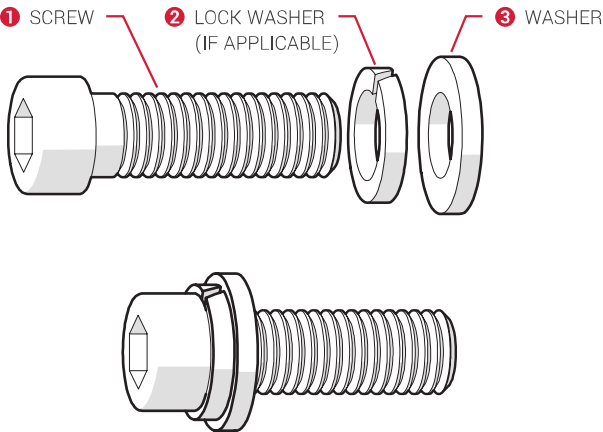
NOTE: Extra hardware may be included as spare parts.

ASSEMBLY NOTES

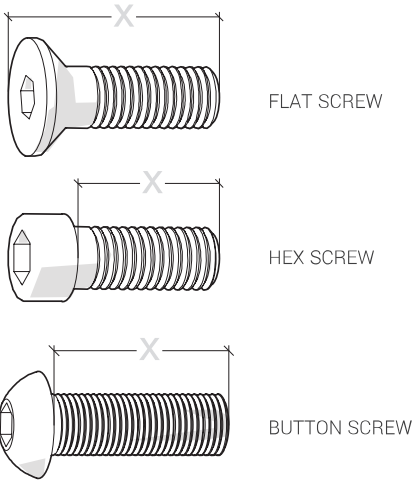
TR1605



INSTALLATION ORDER FOR SCREWS WASHERS

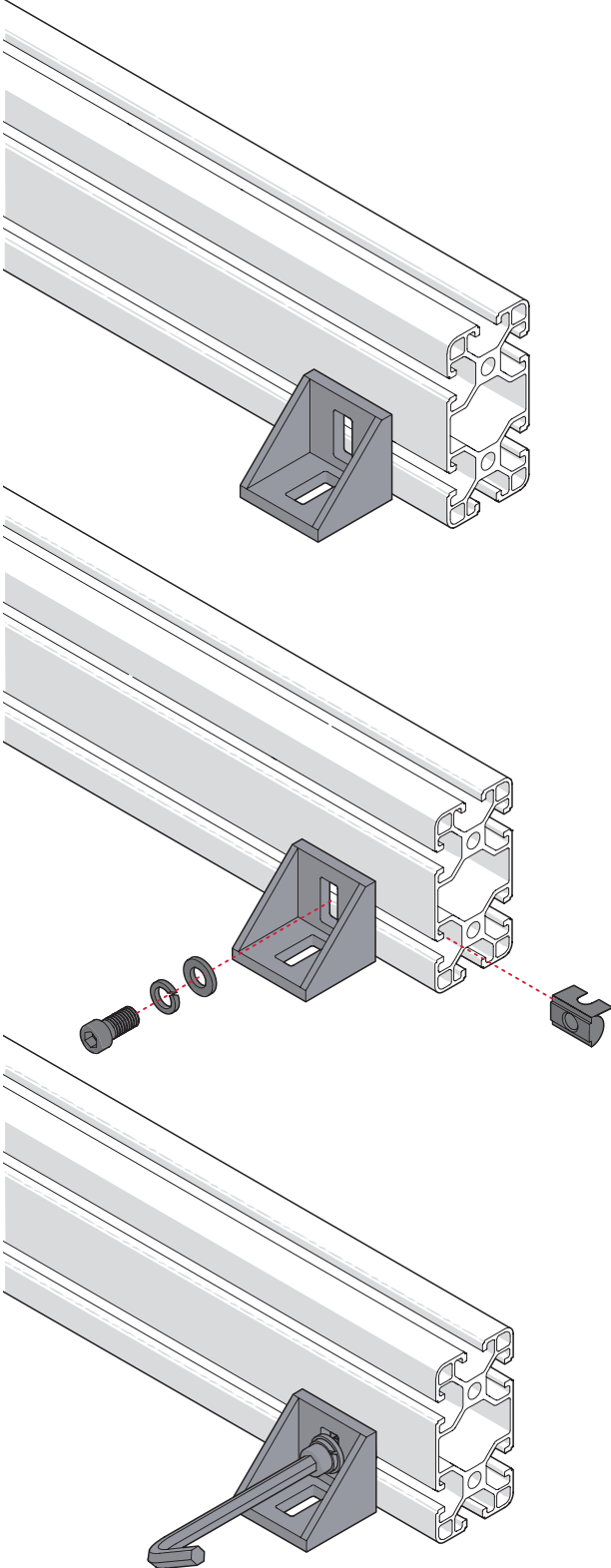


HOW TO MEASURE SCREWS

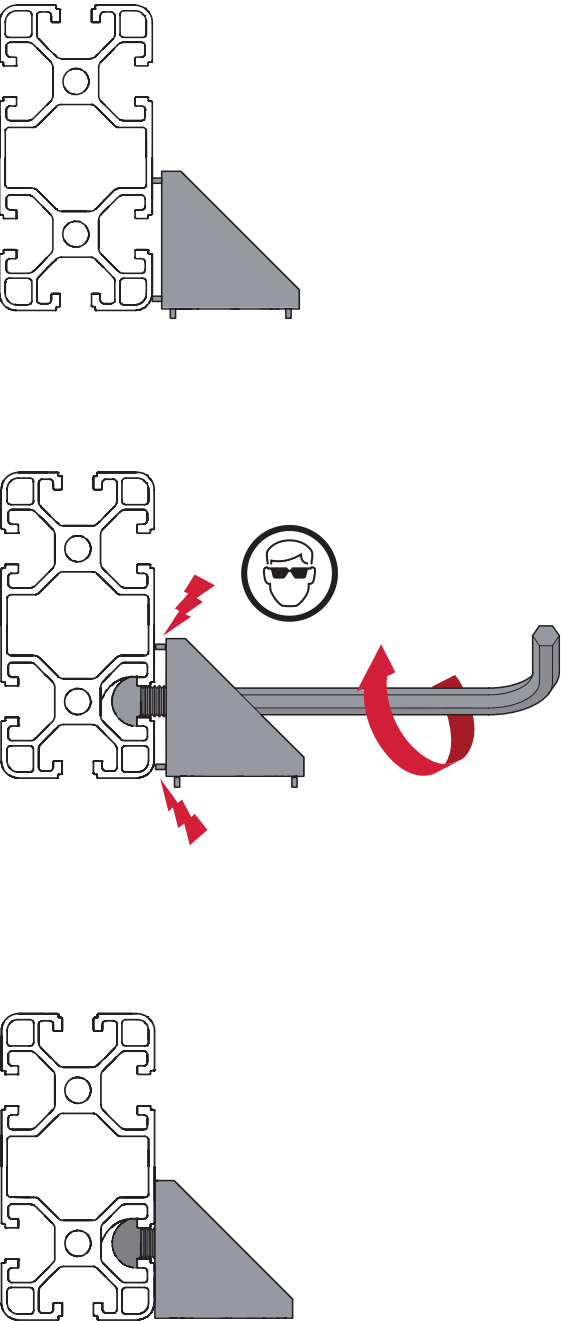


ASSEMBLY NOTES

BC-40-BLK & CB-40



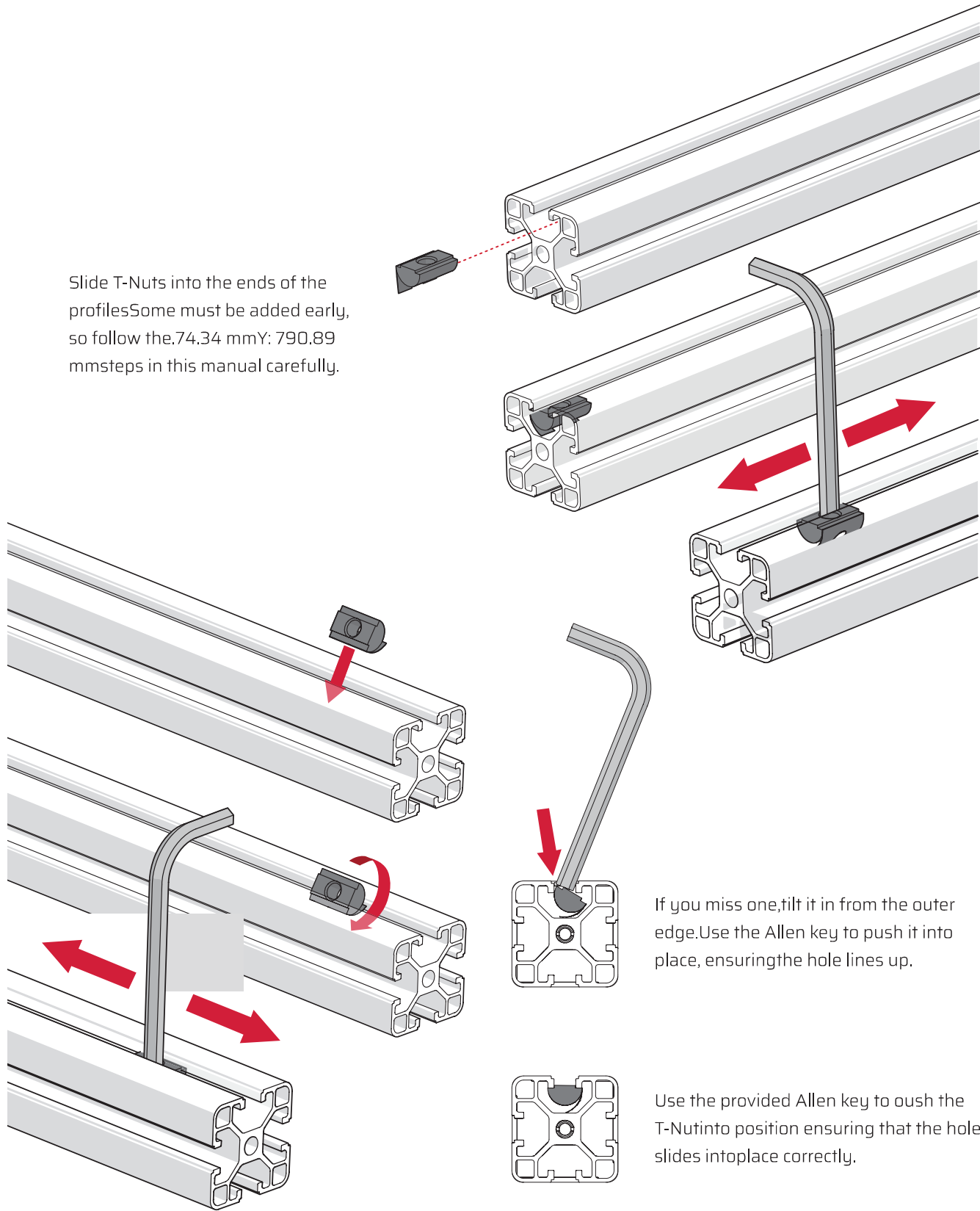
These brackets come with guide tabs on the rear. These tabs help align the brackets to the profile when fitted in the same orientation as the profile. When used in the alternate orientation, these tabs are designed to snap off for a flush mount against the profile.



ASSEMBLY NOTES

NS-M8 & NS-M6

Slide T-Nuts into the ends of the profiles. Some must be added early, so follow the 74.34 mm Y: 790.89 mm steps in this manual carefully.

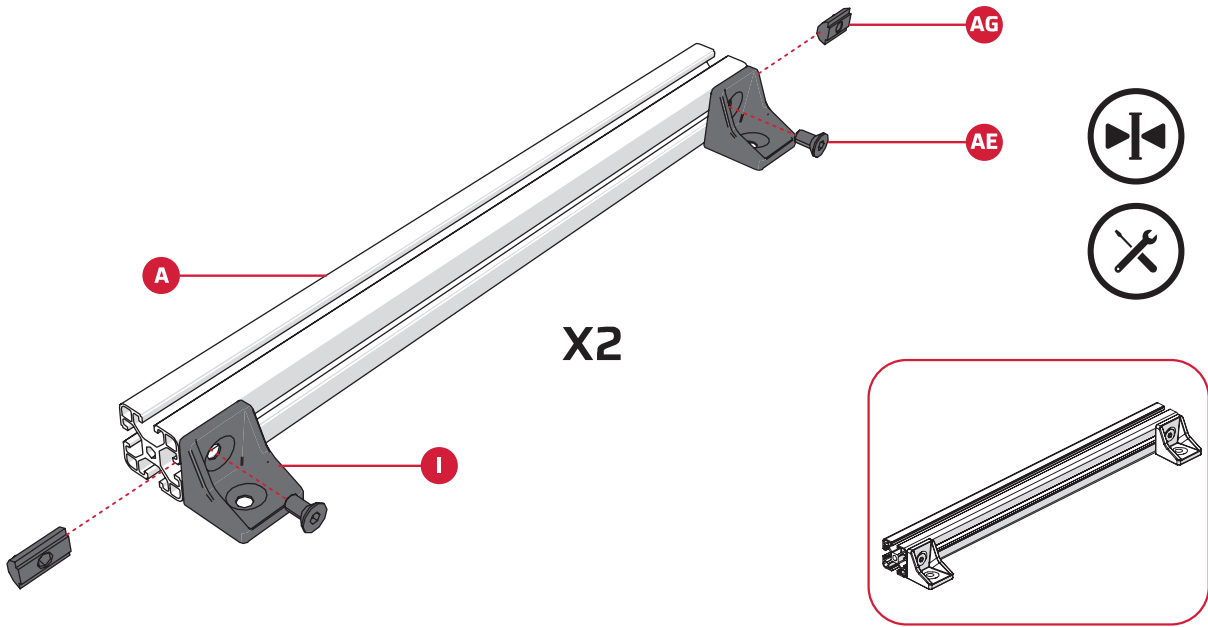


ASSEMBLY INSTRUCTIONS

TR1605

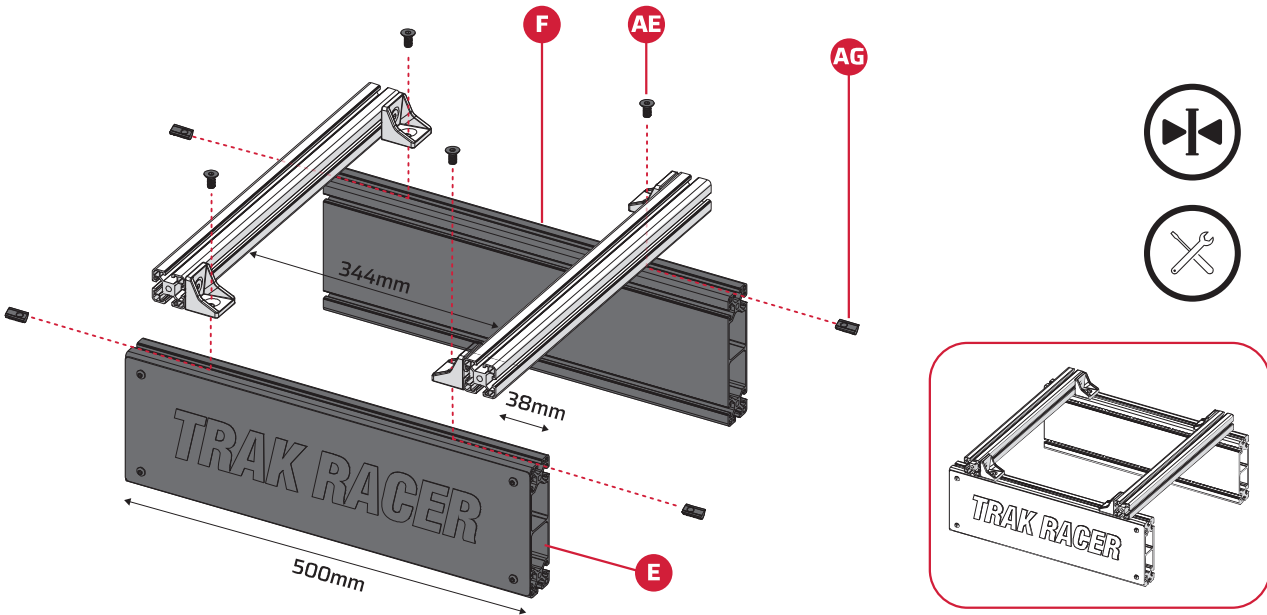
01

SUPPLIED			
A X2	I X4	AE X4	AG X4
AP-4040-460	CB-40	SF-M8-16	NS-M8



02

SUPPLIED			
E X1	F X1	AG X4	AE X4
AP-40160-500-A	AP-40160-500	NS-M8	SF-M8-16



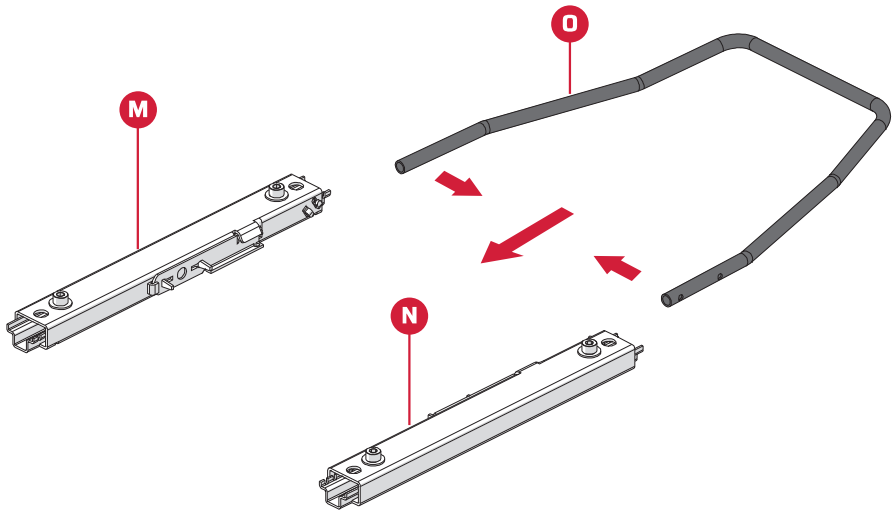
ASSEMBLY INSTRUCTIONS

TR1605

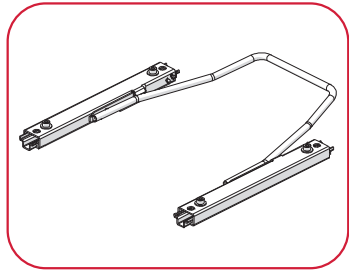
03

SUPPLIED

M X1	NX1	O X1
		
SSR-R	SSR-L	SSL-01

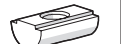


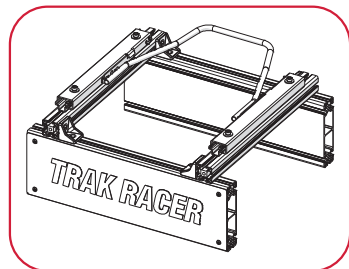
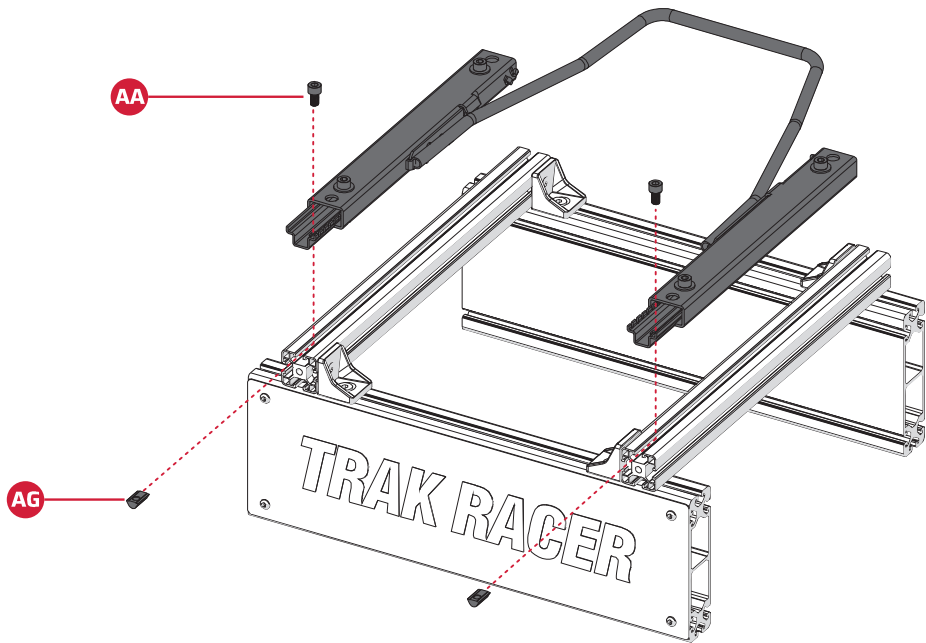
Fit tabs into holes of one side of the lever then squeeze lever and repeat for opposite side.



04

SUPPLIED

AG X2	AA X2
	
NS-M8	SH-M8-14



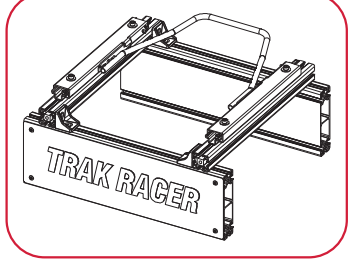
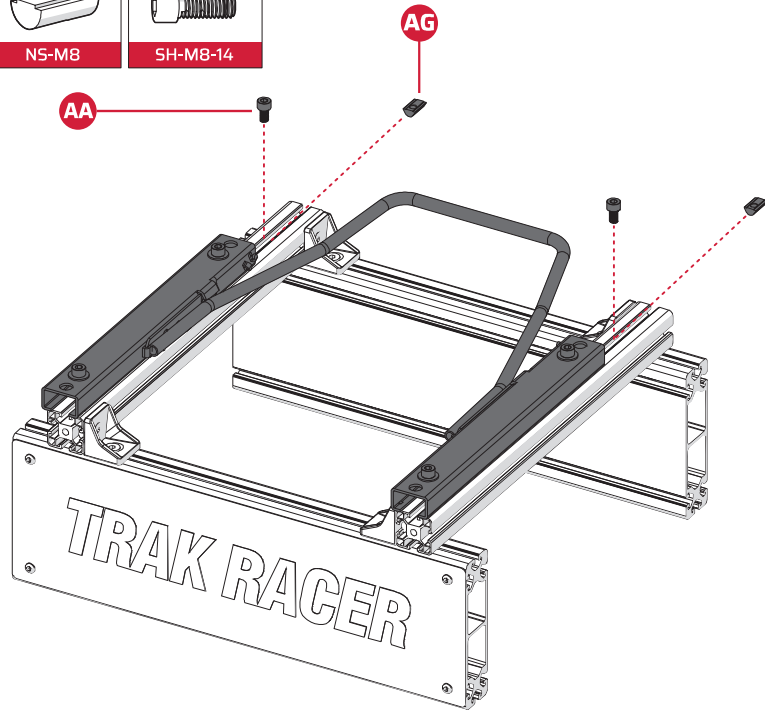
ASSEMBLY INSTRUCTIONS

TR1605

05

SUPPLIED

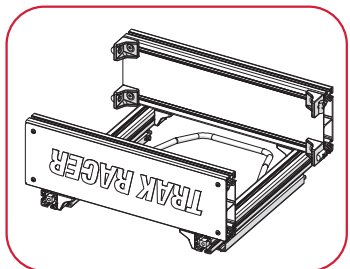
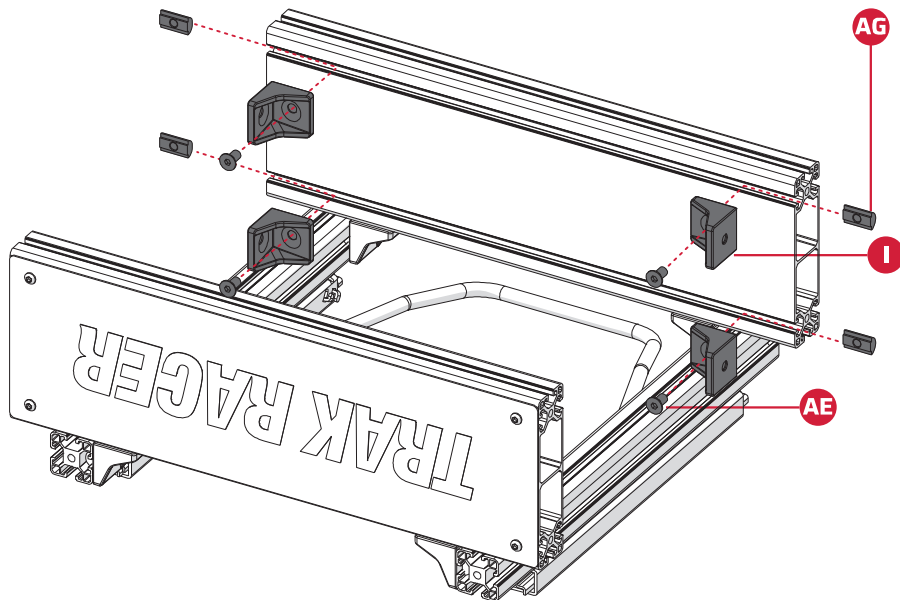
AG X2	AA X2
	
NS-M8	SH-M8-14



06

SUPPLIED

I X4	AE X4	AG X4
		
CB-40	SF-M8-16	NS-M8

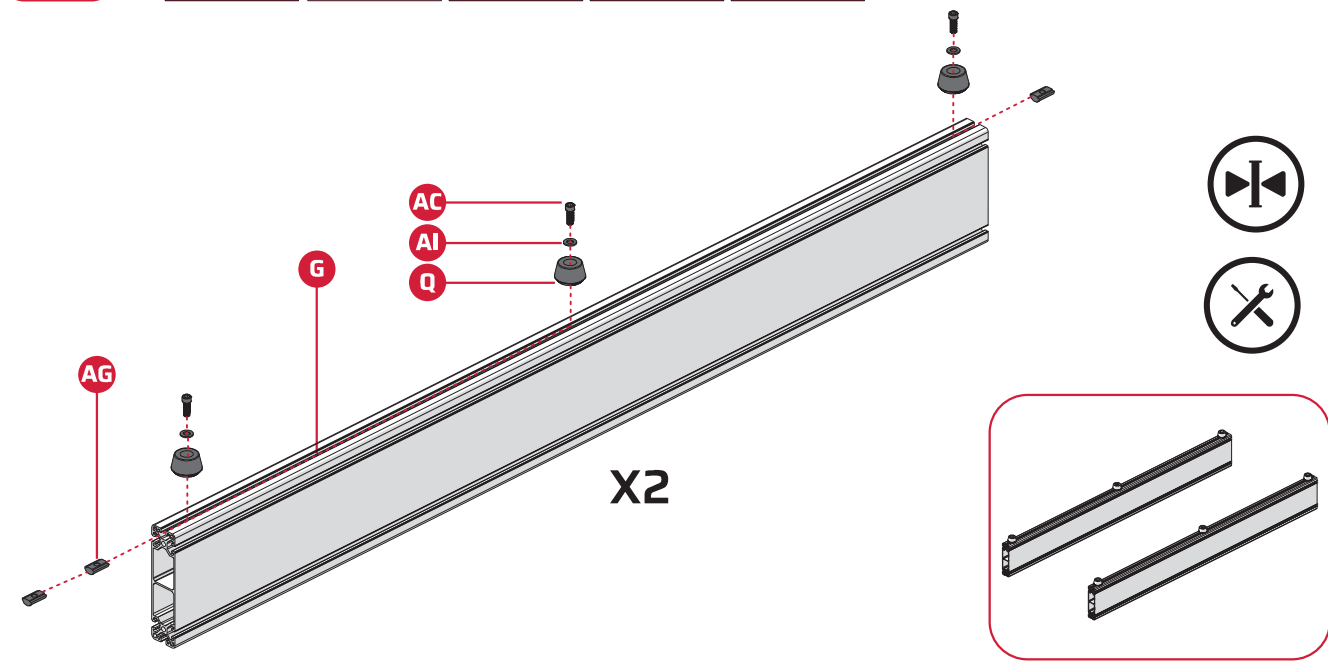


ASSEMBLY INSTRUCTIONS

TR1605

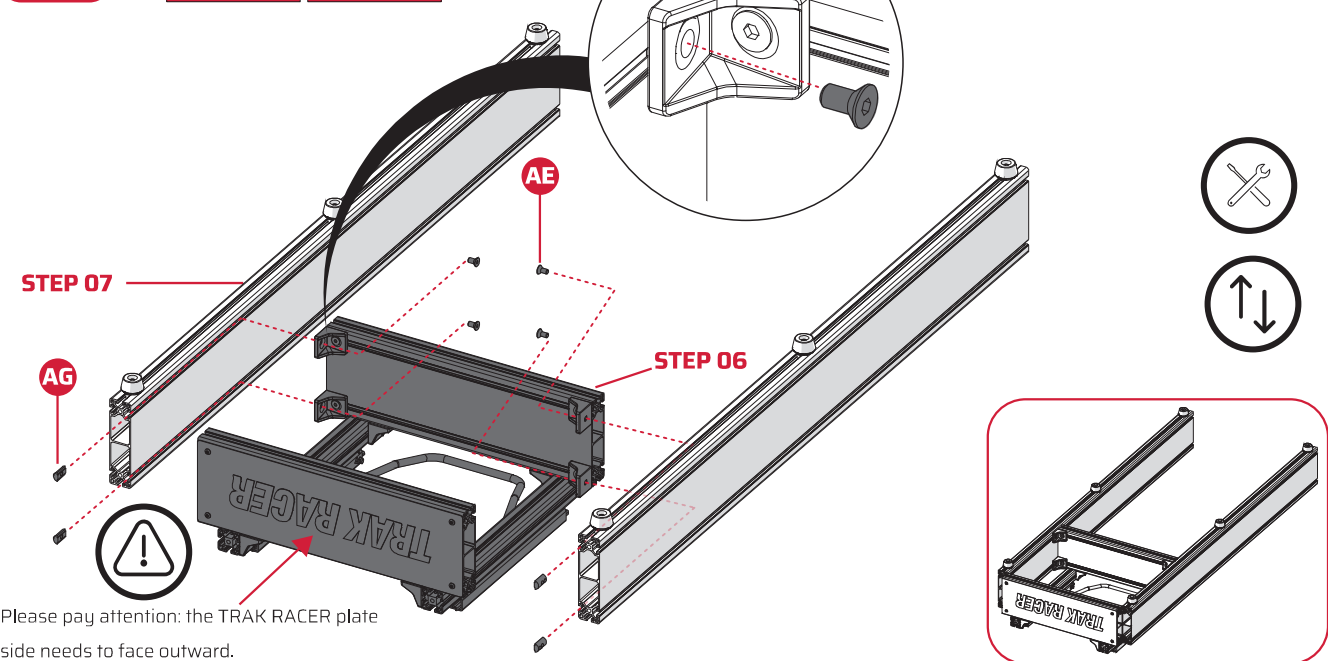
07

SUPPLIED				
G X2	Q X6	AGX6	AC X6	AI X6
AP-40160-1400	FR-01	NS-M8	SH-M8-20	WF-M8-16



08

SUPPLIED	
AE X4	AG X4
SF-M8-16	NS-M8

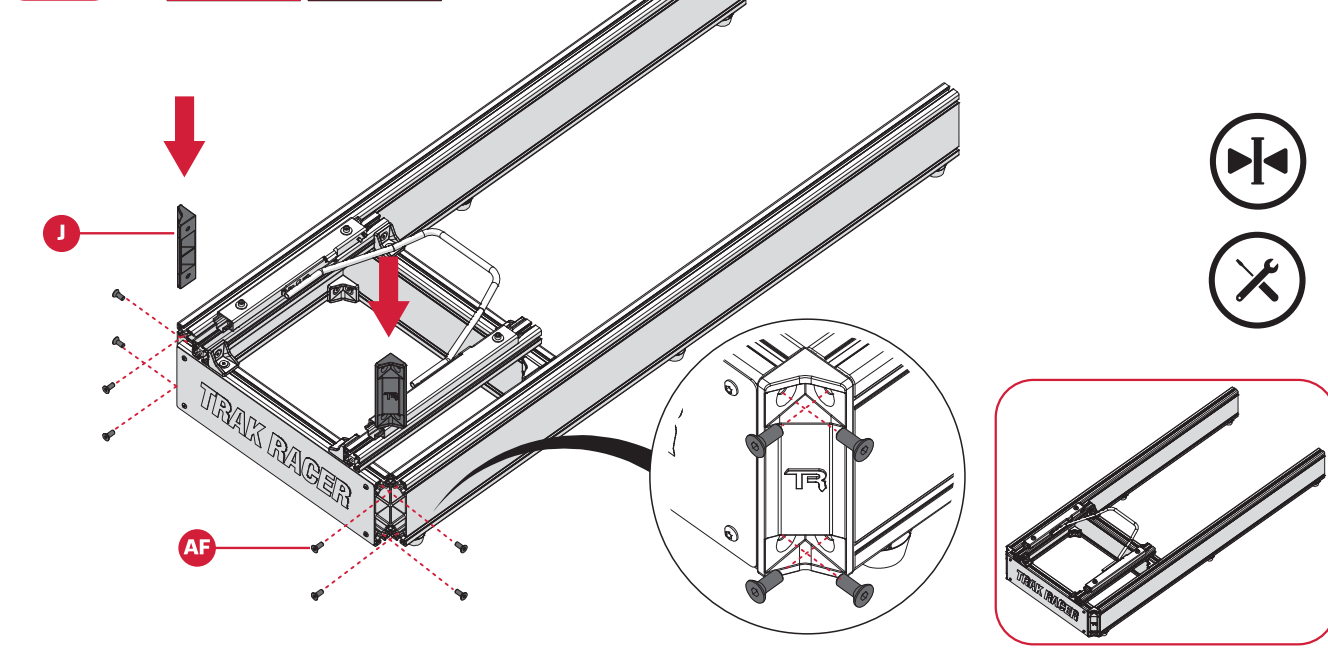


ASSEMBLY INSTRUCTIONS

TR1605

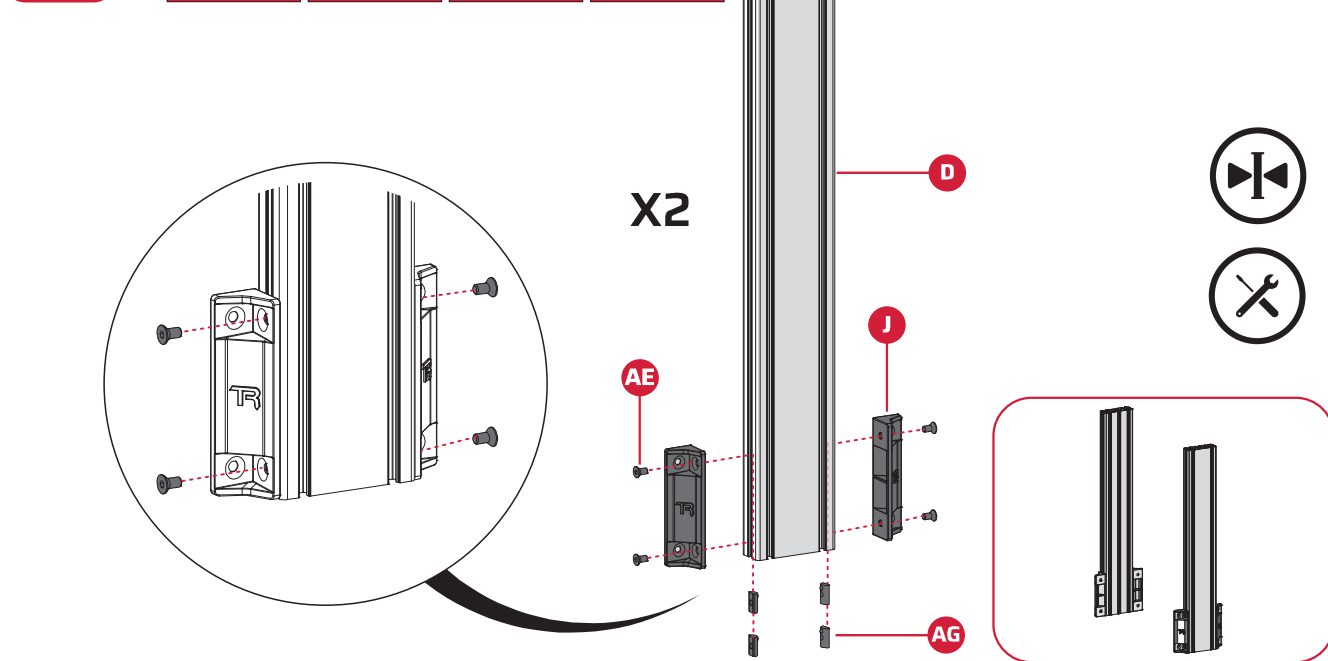
09

SUPPLIED	
J X2	AF X8
CB-160	SF-M8-20



10

SUPPLIED			
D X2	J X4	AE X8	AG X8
AP-40120-780	CB-160	SF-M8-16	NS-M8

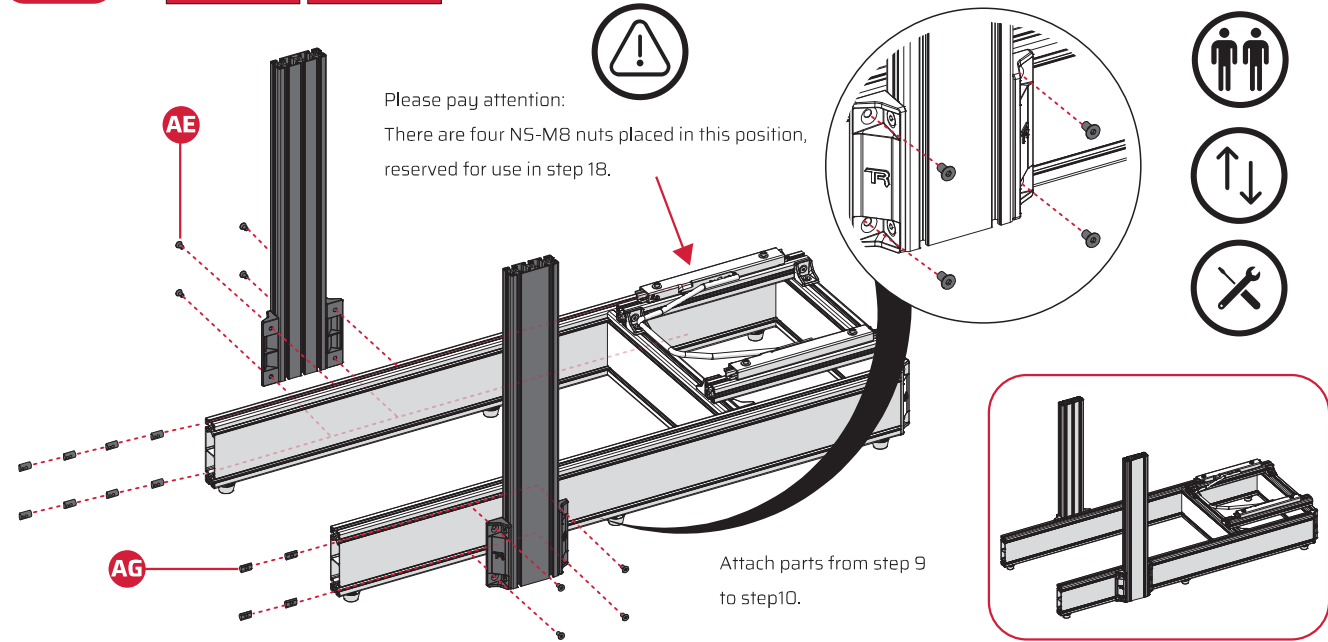


ASSEMBLY INSTRUCTIONS

TR1605

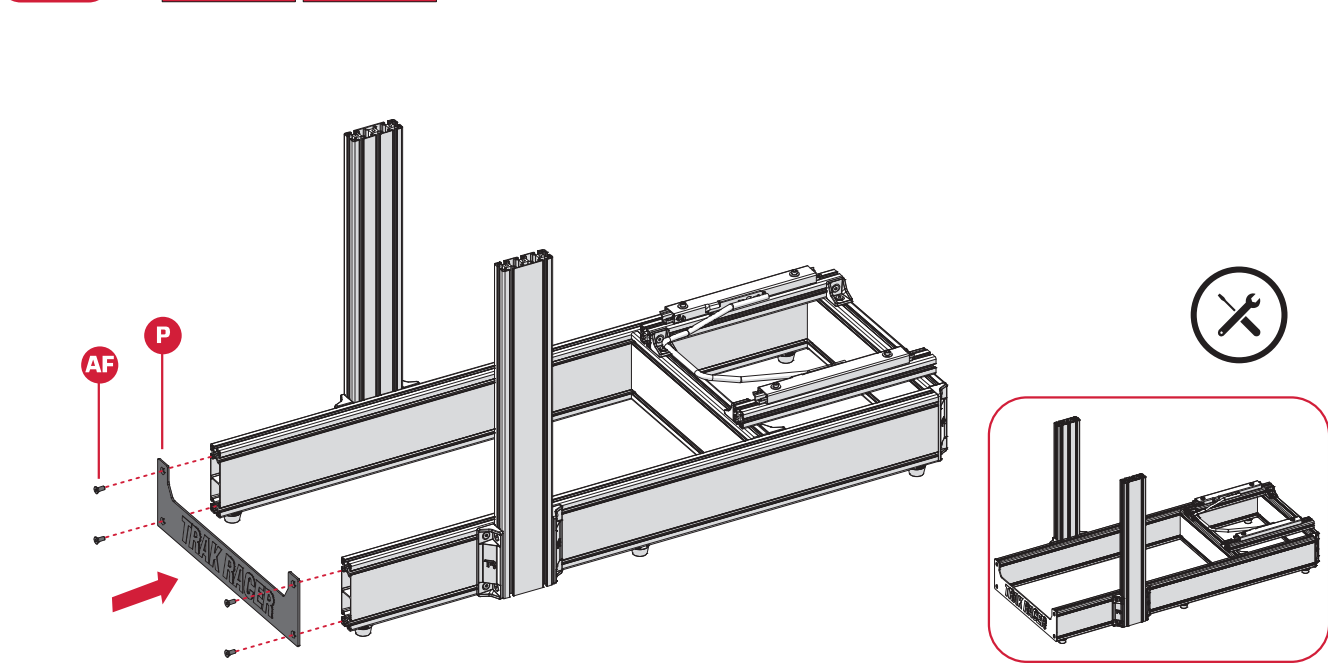
11

SUPPLIED	
AE X8 SF-M8-16	AG X12 NS-M8



12

SUPPLIED	
P X1 FLP-02	AF X4 SF-M8-20

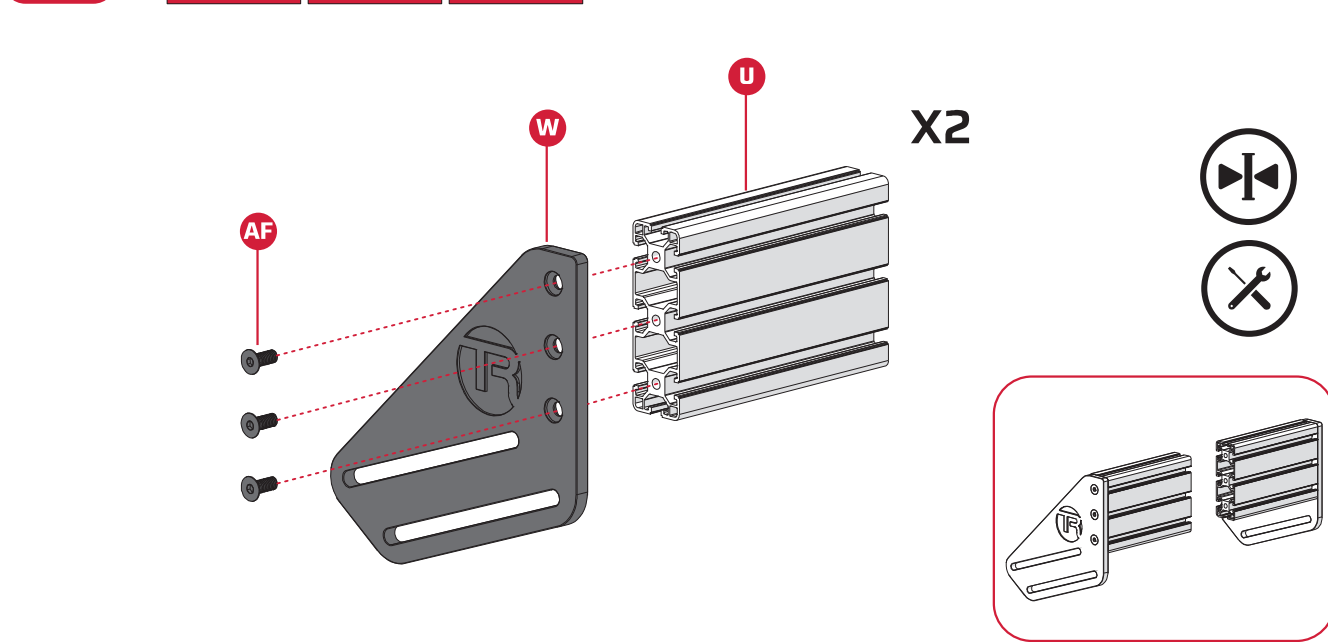


ASSEMBLY INSTRUCTIONS

TR1605

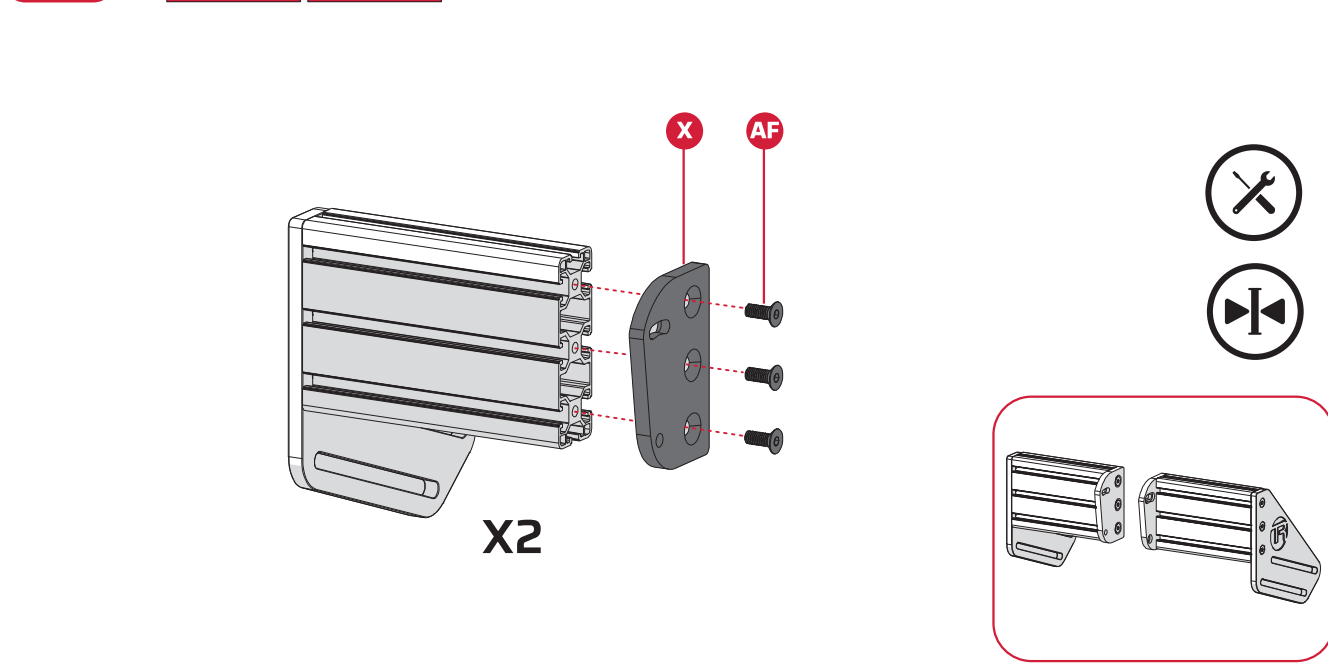
13

SUPPLIED		
U X2 TR-40120-180	W X2 PIO	AF X6 SF-M8-20



14

SUPPLIED	
X X1 PMM	AF X6 SF-M8-20

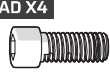


ASSEMBLY INSTRUCTIONS

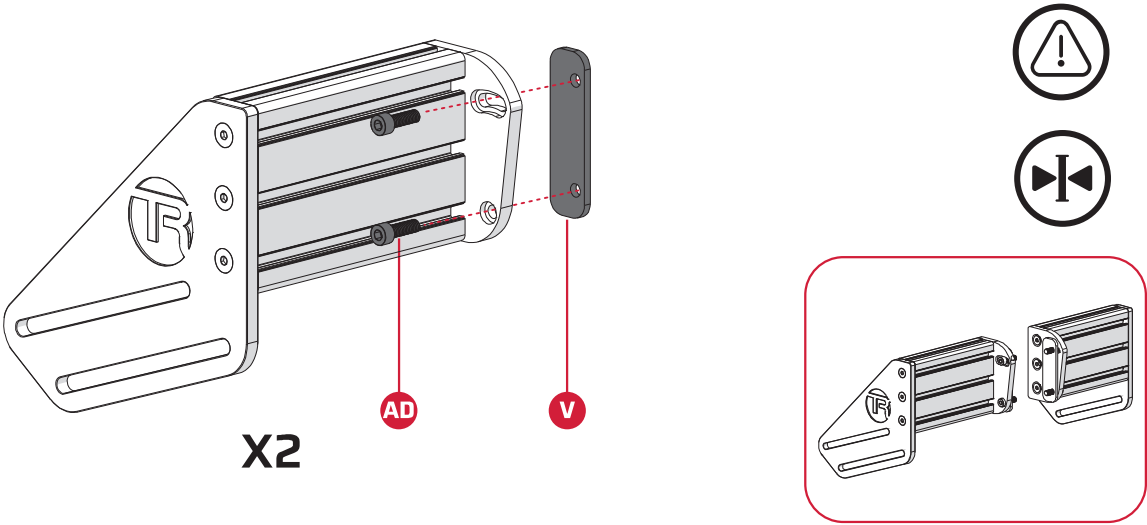
TR1605

15

SUPPLIED

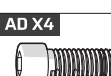
V X2	AD X4
	
PM	SH-M8-25

NOTE:
Thread screws just enough to hold PM in place
so screws donot protrude past PM plate.

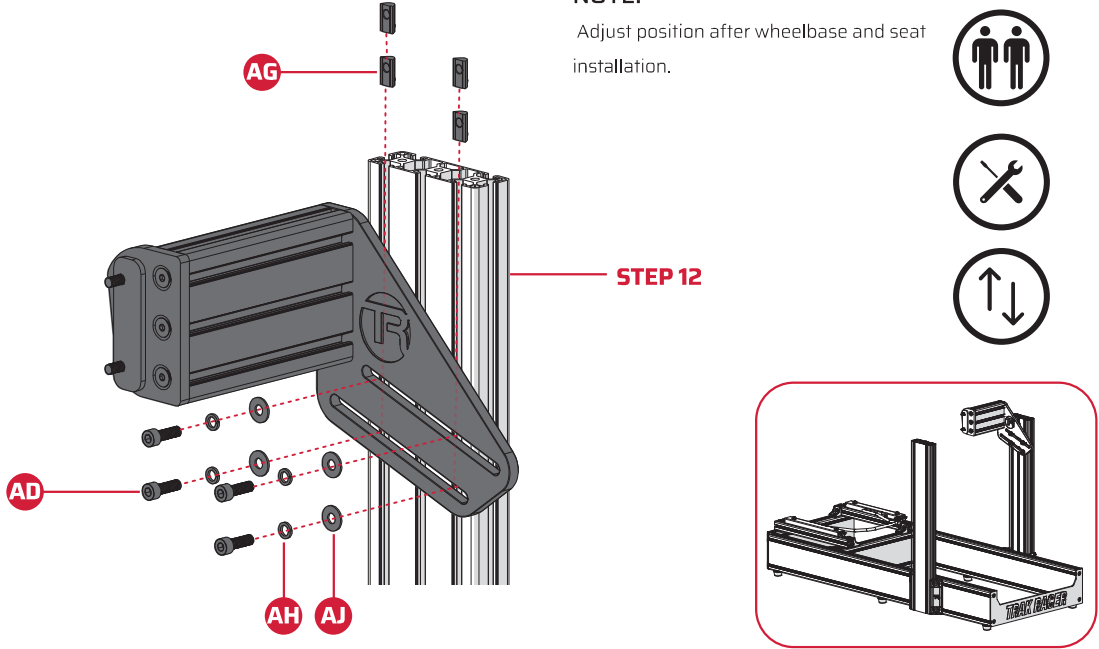


16

SUPPLIED

AH X4	AJ X4	AD X4	AG X4
			
WL-M8	WF-M8-20	SH-M8-25	N5-M8

NOTE:
Adjust position after wheelbase and seat
installation.

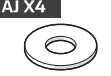
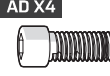


ASSEMBLY INSTRUCTIONS

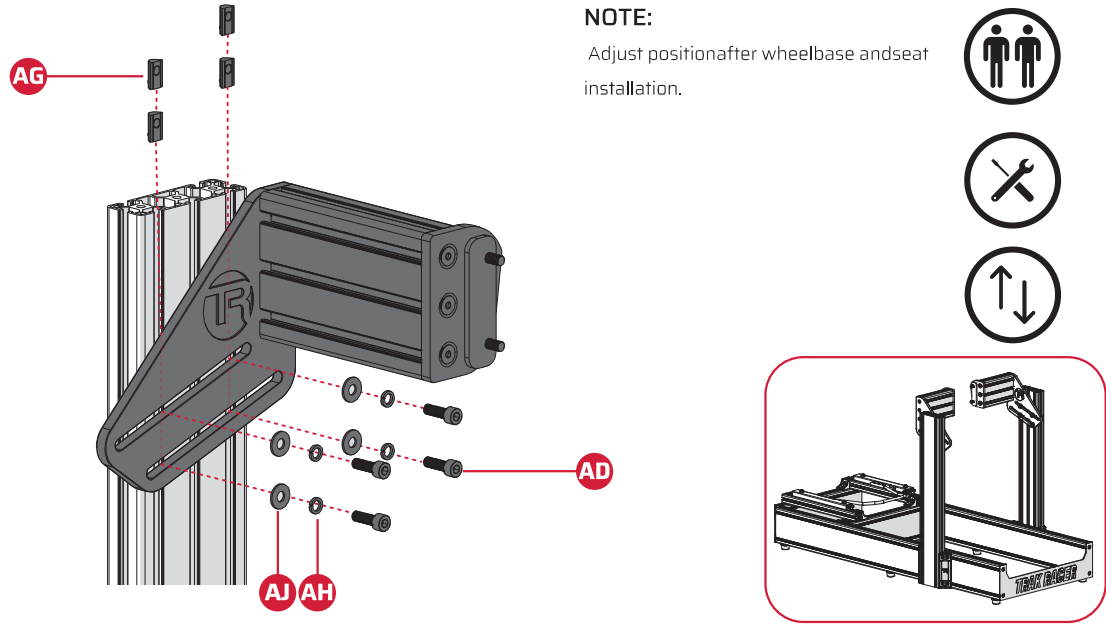
TR1605

17

SUPPLIED

AH X4	AJ X4	AD X4	AG X4
			
WL-M8	WF-M8-20	SH-M8-25	N5-M8

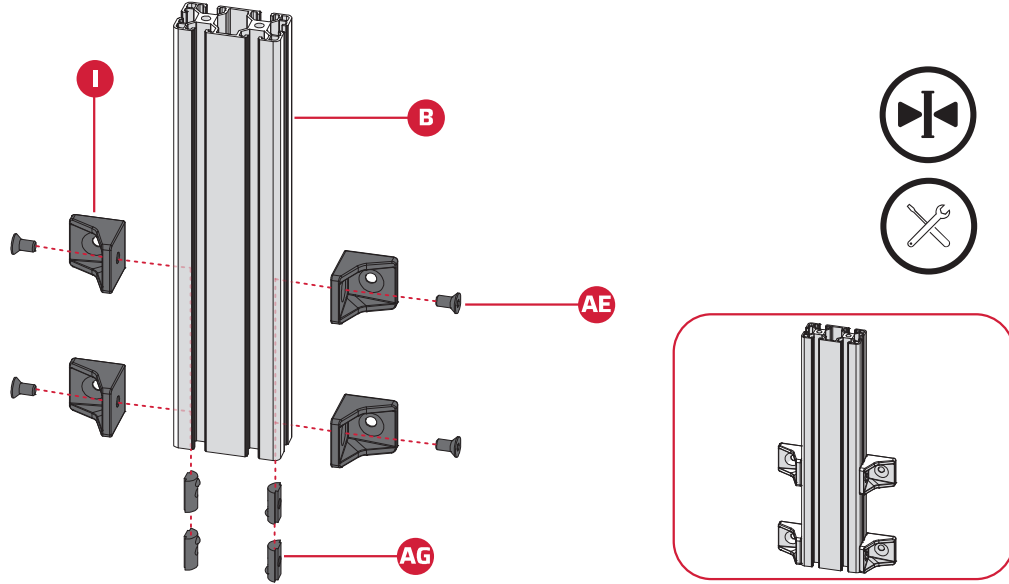
NOTE:
Adjust position after wheelbase and seat
installation.



18

SUPPLIED

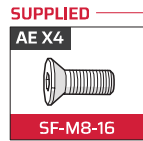
B X1	I X4	AE X4	AG X4
			
AP-4080-350	CB-40	SF-M8-16	N5-M8



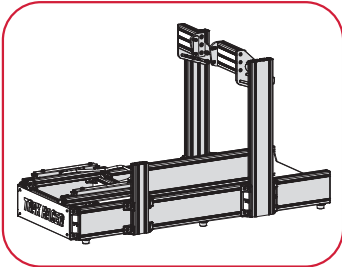
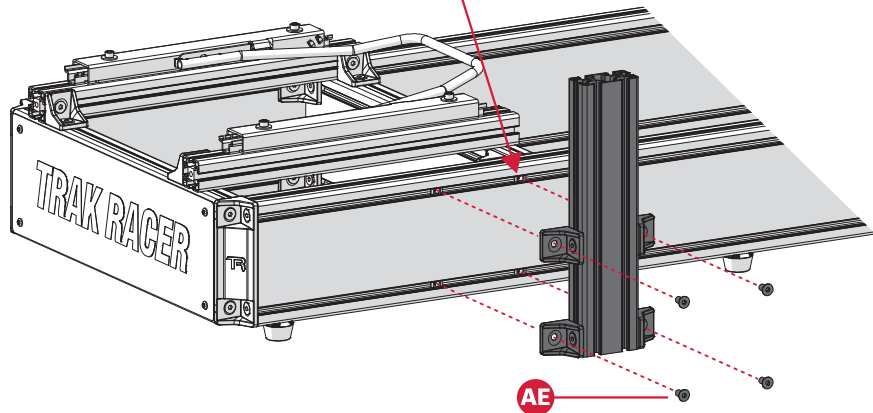
ASSEMBLY INSTRUCTIONS

TR1605

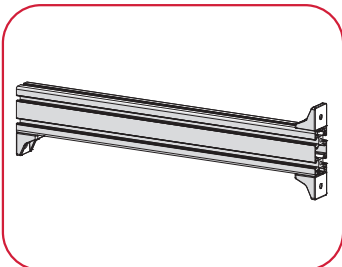
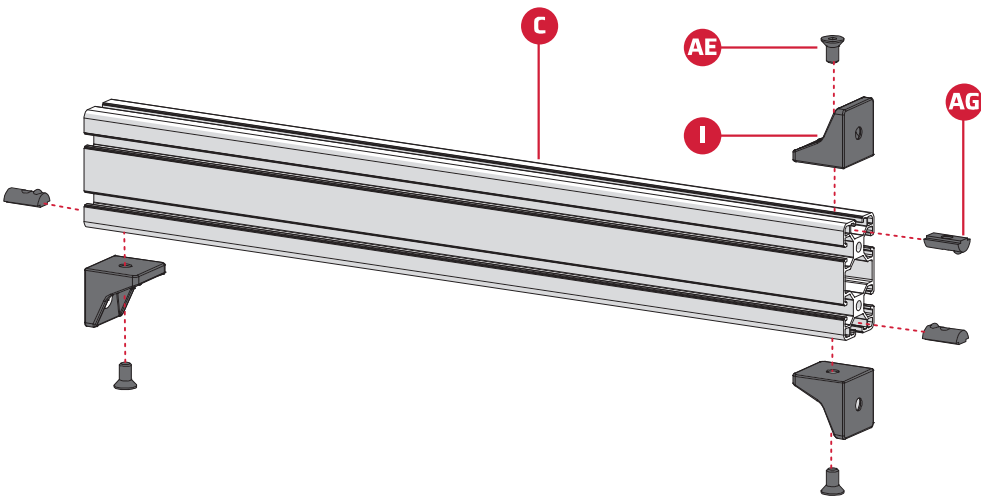
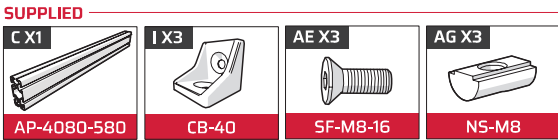
19



There are four N5-M8 nuts reserved in Step 11.



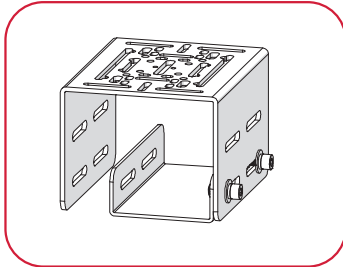
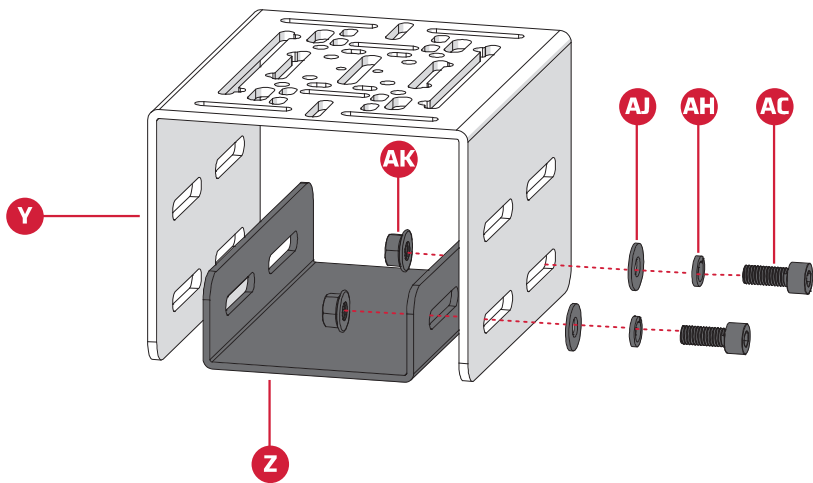
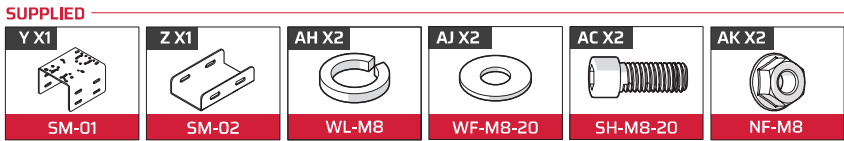
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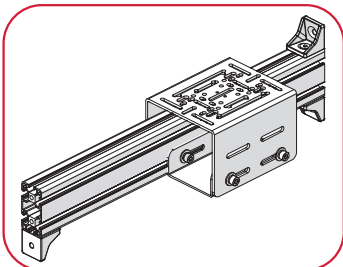
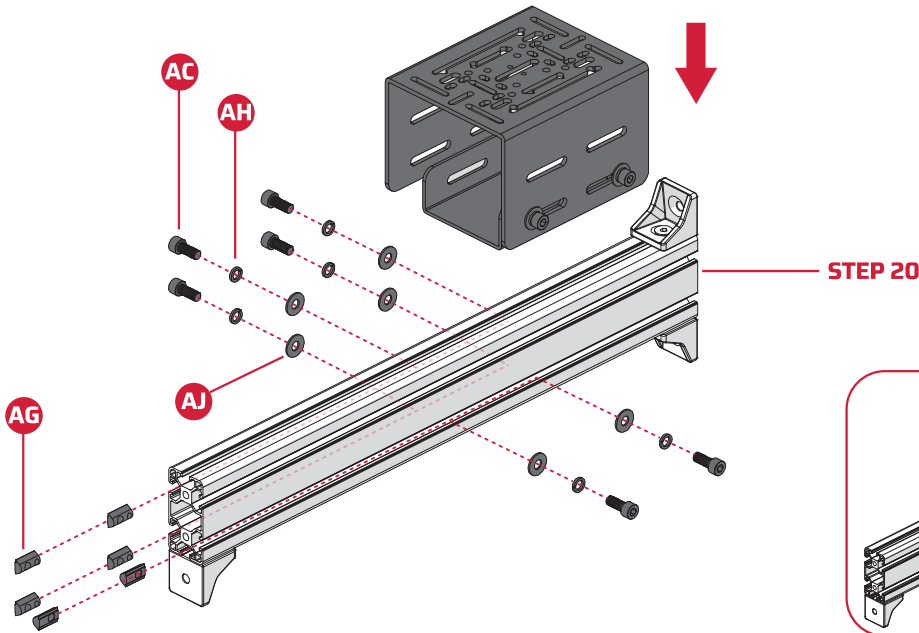
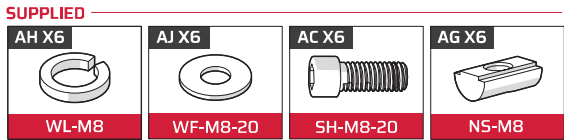
ASSEMBLY INSTRUCTIONS

TR1605

21



22

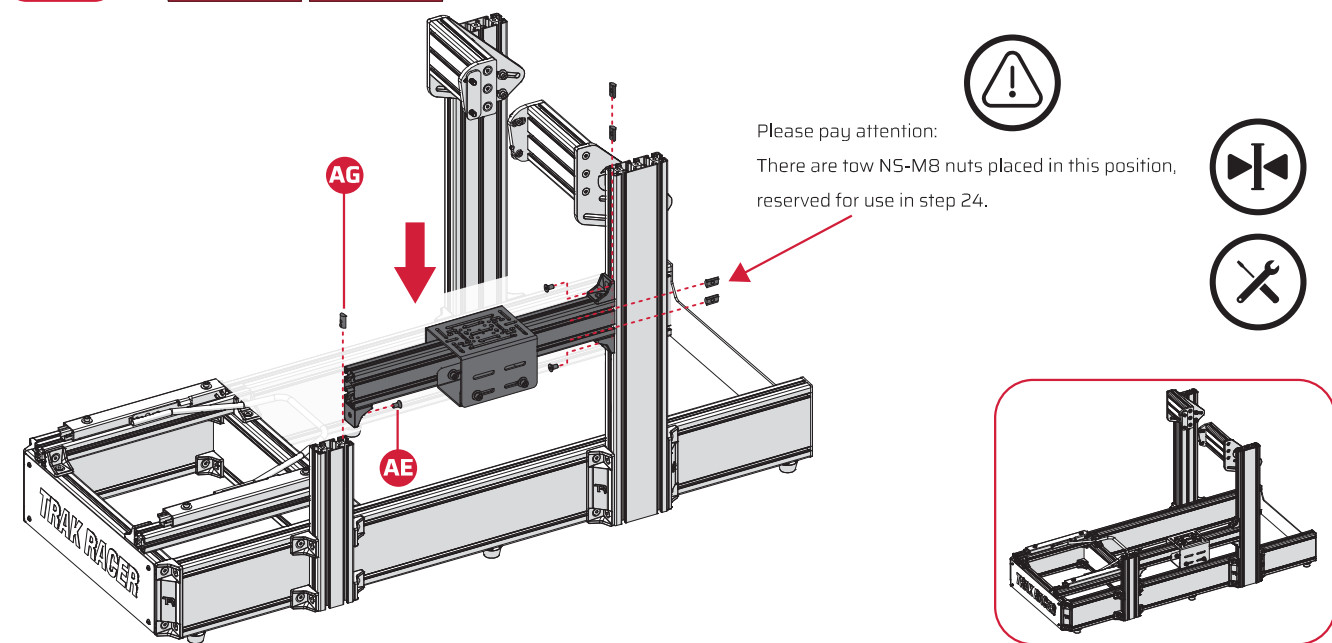


ASSEMBLY INSTRUCTIONS

TR1605

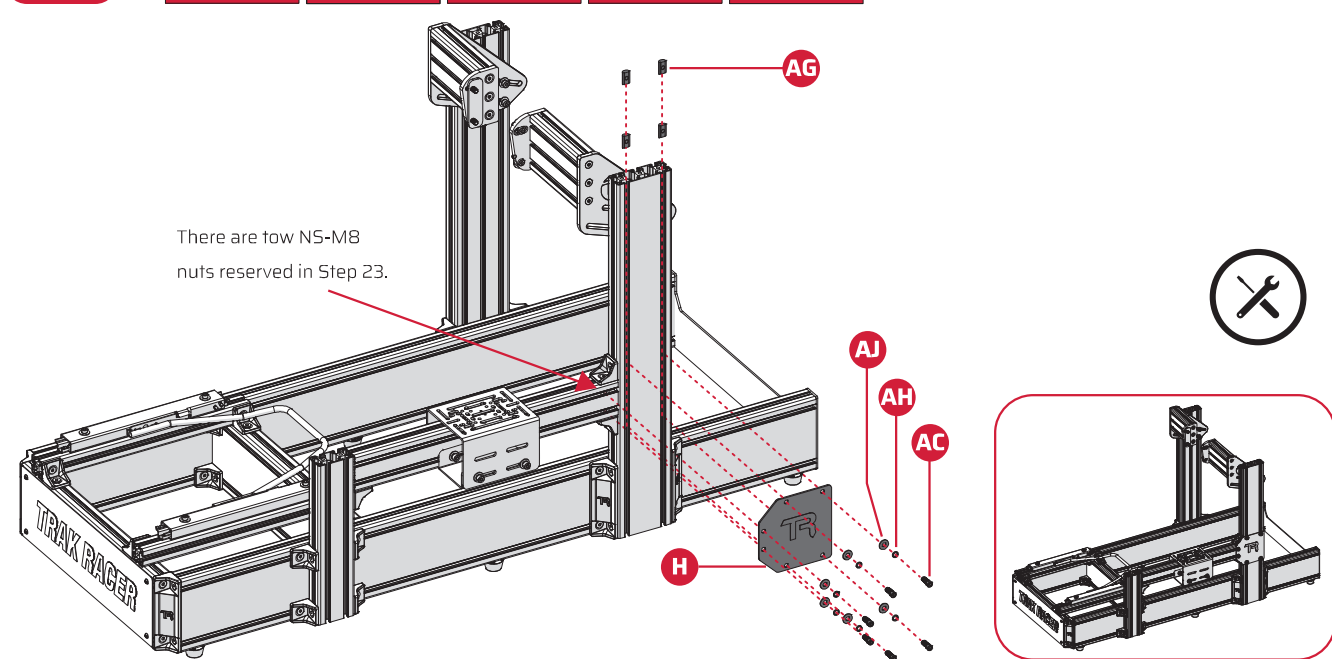
23

SUPPLIED	
AE X3	AG X5
	
SF-M8-16	NS-M8



24

SUPPLIED				
H X1	AH X6	AJ X6	AC X6	AG X4
				
SFTSUP	WL-M8	WF-M8-20	SH-M8-20	NS-M8

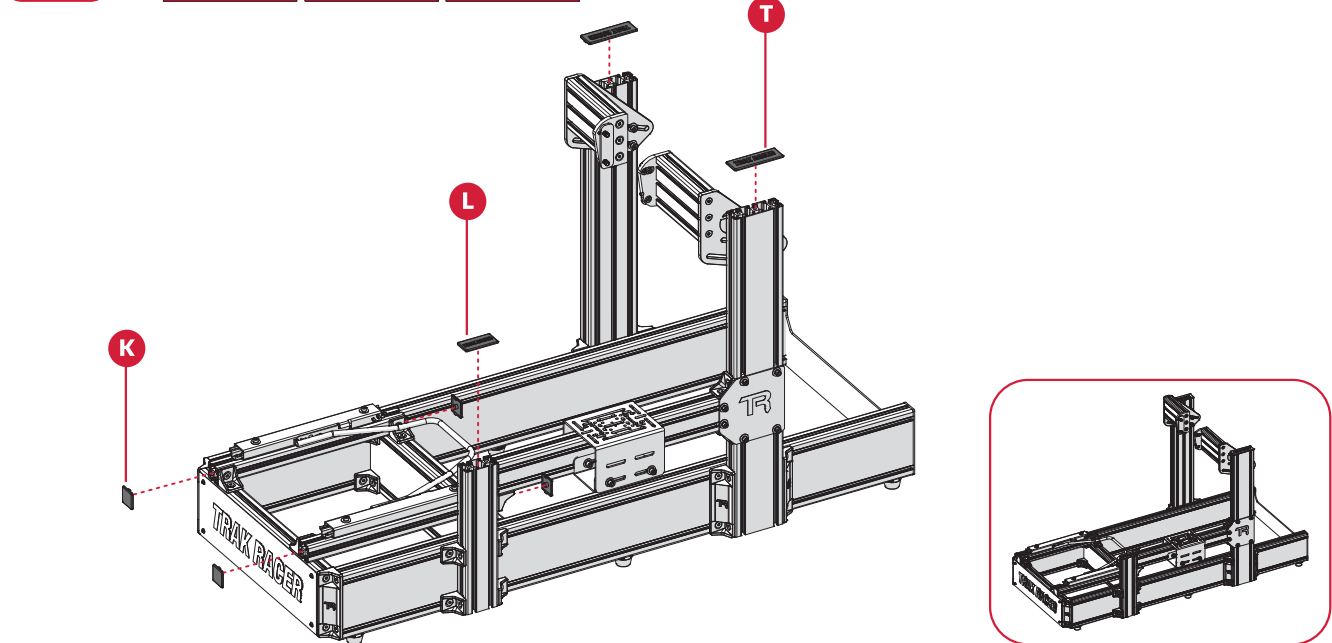


ASSEMBLY INSTRUCTIONS

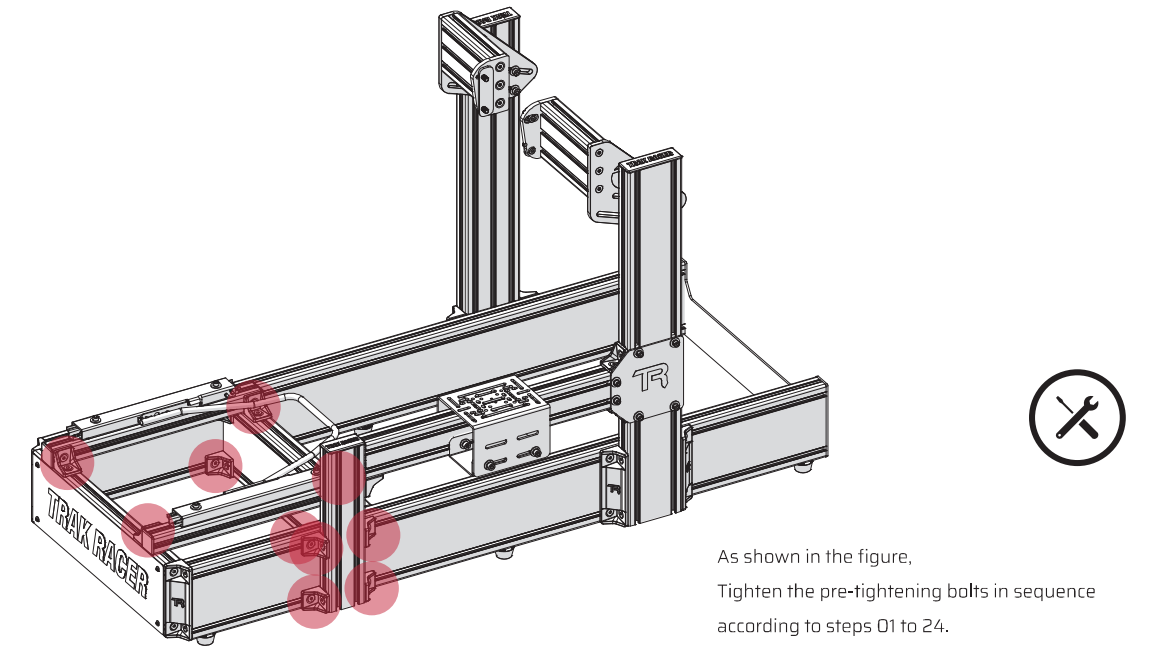
TR1605

25

SUPPLIED		
K X4	L X1	T X2
		
EC-40	EC-80	EC-120



26

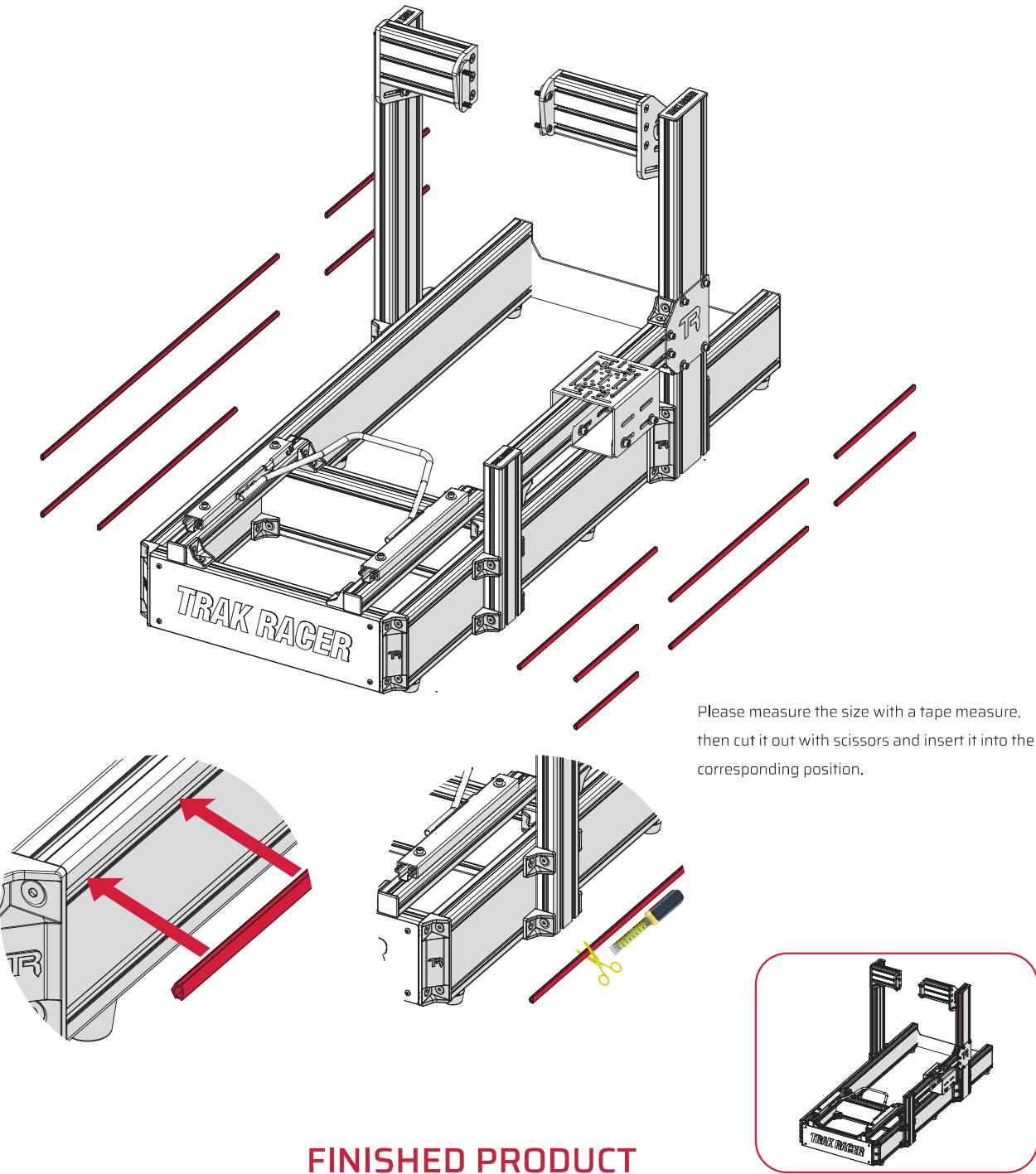


As shown in the figure,
Tighten the pre-tightening bolts in sequence
according to steps 01 to 24.

ASSEMBLY INSTRUCTIONS

TR1605

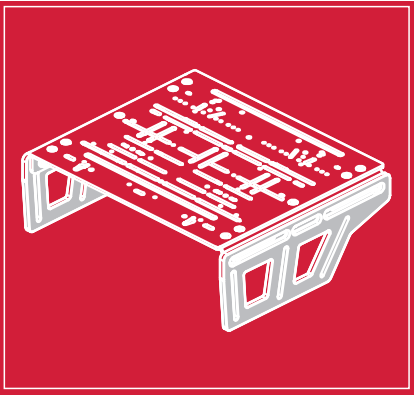
27



PEDAL OPTIONS

Please skip to the pages corresponding to the wheelbase mounting method you have chosen for your TR1605 rig.

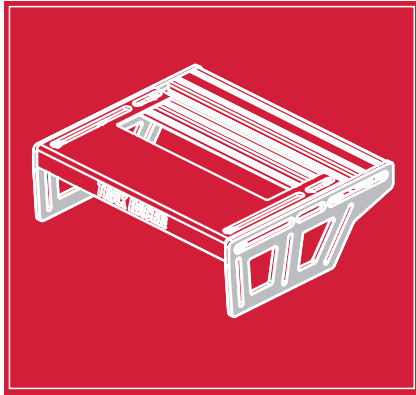
OPTION 1



BRAKE PEDAL

TR80-PBPL2

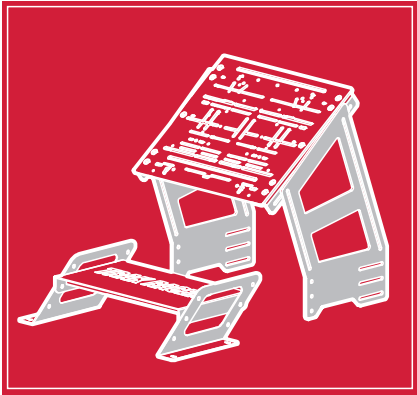
OPTION 2



BRAKE PEDAL

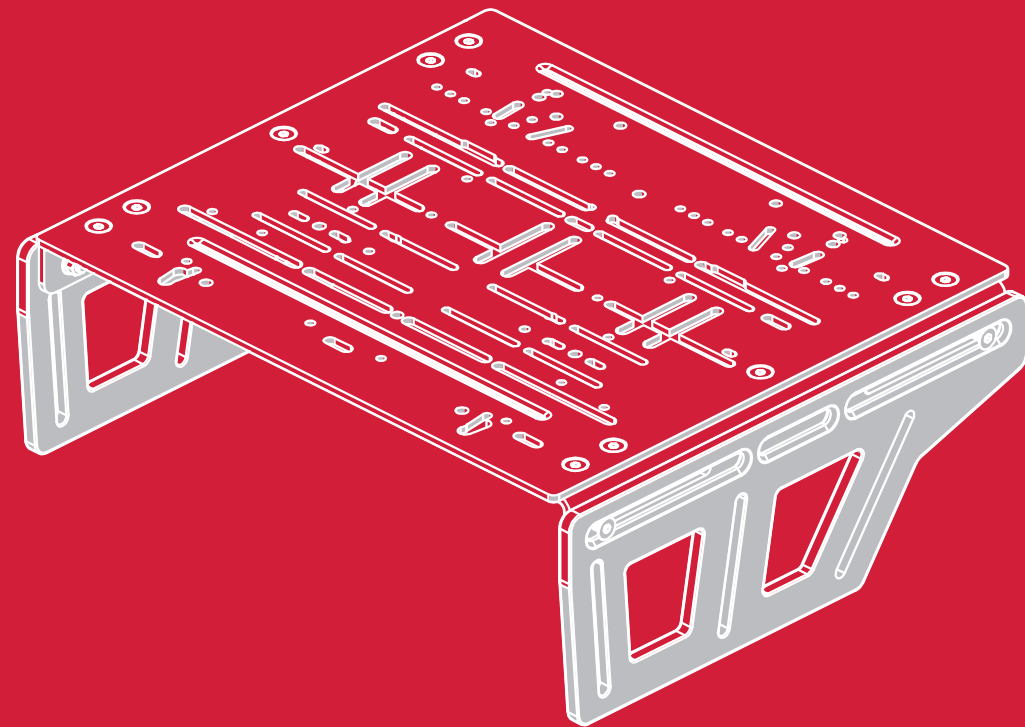
TR80-PBAL2

OPTION 3



BRAKE PEDAL

TR80-HYPL2



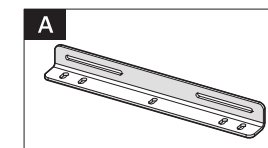
BRAKE PEDAL

Assembly Guide

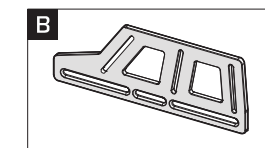
TR80-PBPL2

TR80-PBPL2 PART LIST

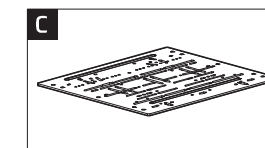
ACCESSORIES (NOTE: Extra hardware may be included as spare parts)



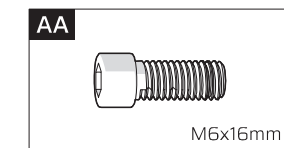
Pedal Plate Connector
TR80-PPC **X2**



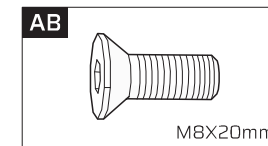
Pedal Plate Side Mount
TR80-PP5M **X2**



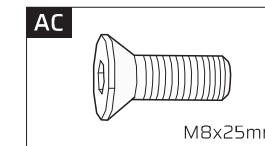
Pedal Plate
TR80-PP **X1**



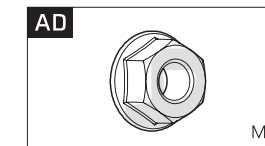
Hex Screw
SH-M6-16 **X4**



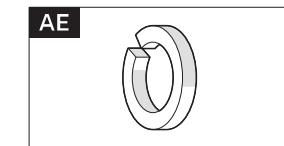
Screw (Flat)
SF-M8-20 **X18**



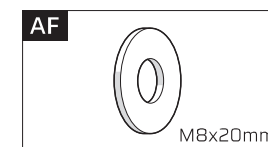
Screw (Flat)
SF-M8-25 **X8**



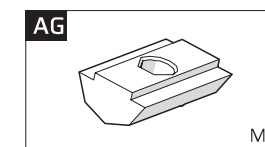
Flange Nut
NF-M8 **X18**



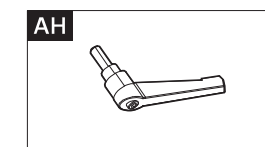
Lock Washer
WL-M8 **X4**



Washer (Flat)
WF-M8-20 **X4**



Ball Bearing Nut
NS-M8 **X4**



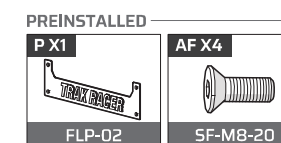
Offset Hex Key
OHK-M8-25 **X4**

NOTE:
Use screws and washers included
in the TR1605 assembly.

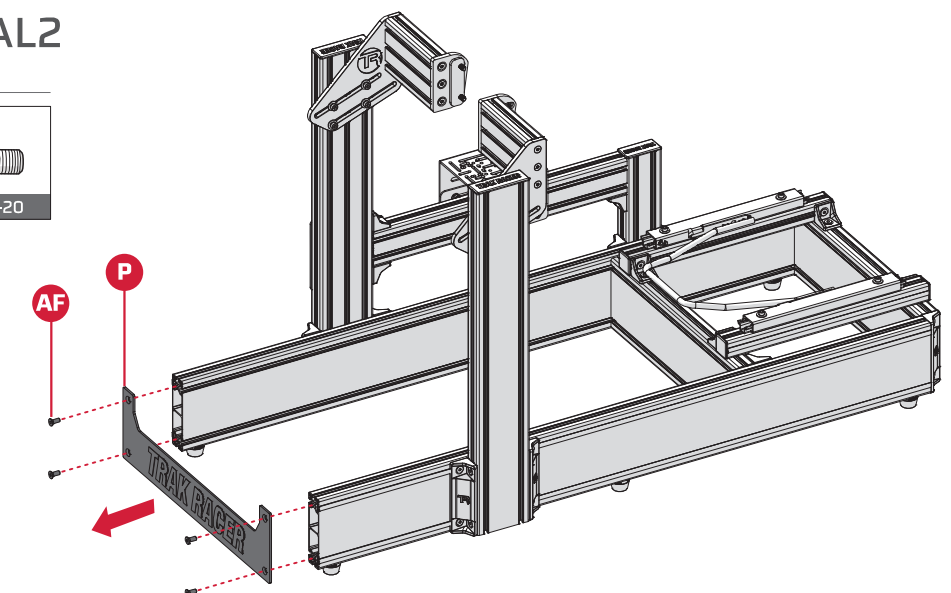
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

01



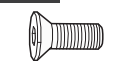
NOTE:
This step can also be changed
to start after Step 11 on page 12.



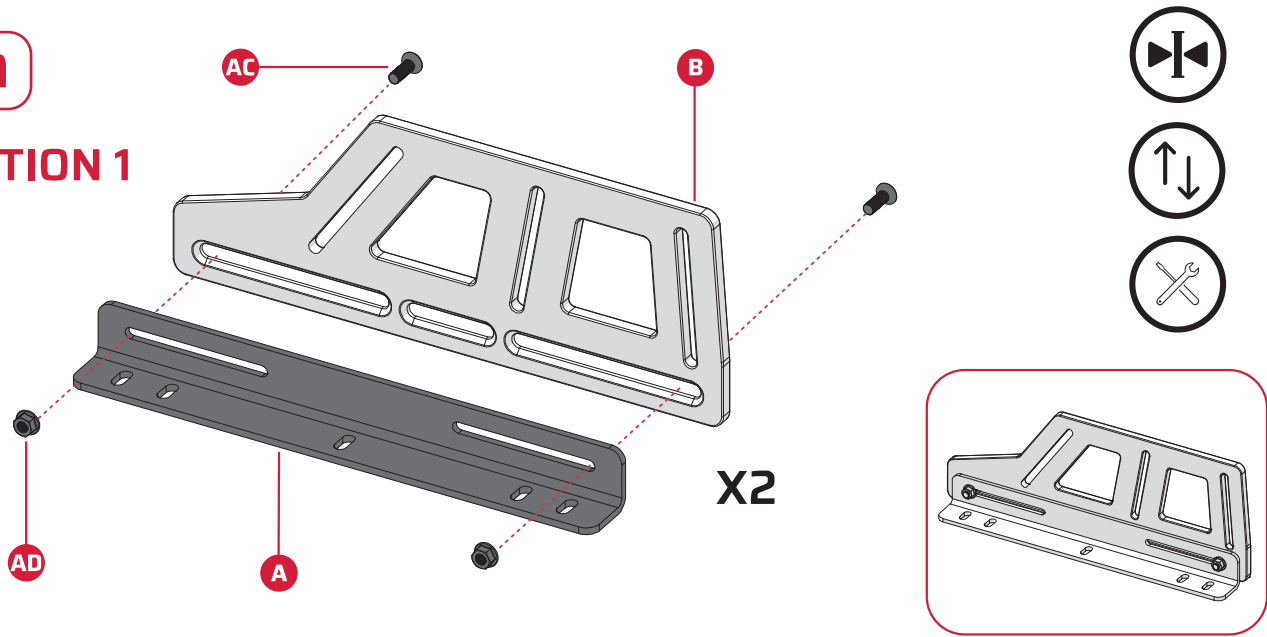
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBPL2

02

SUPPLIED			
A X2	B X2	AC X4	AD X4
			
TR80-PPC	TR80-PPSM	SF-M8-25	NF-M8

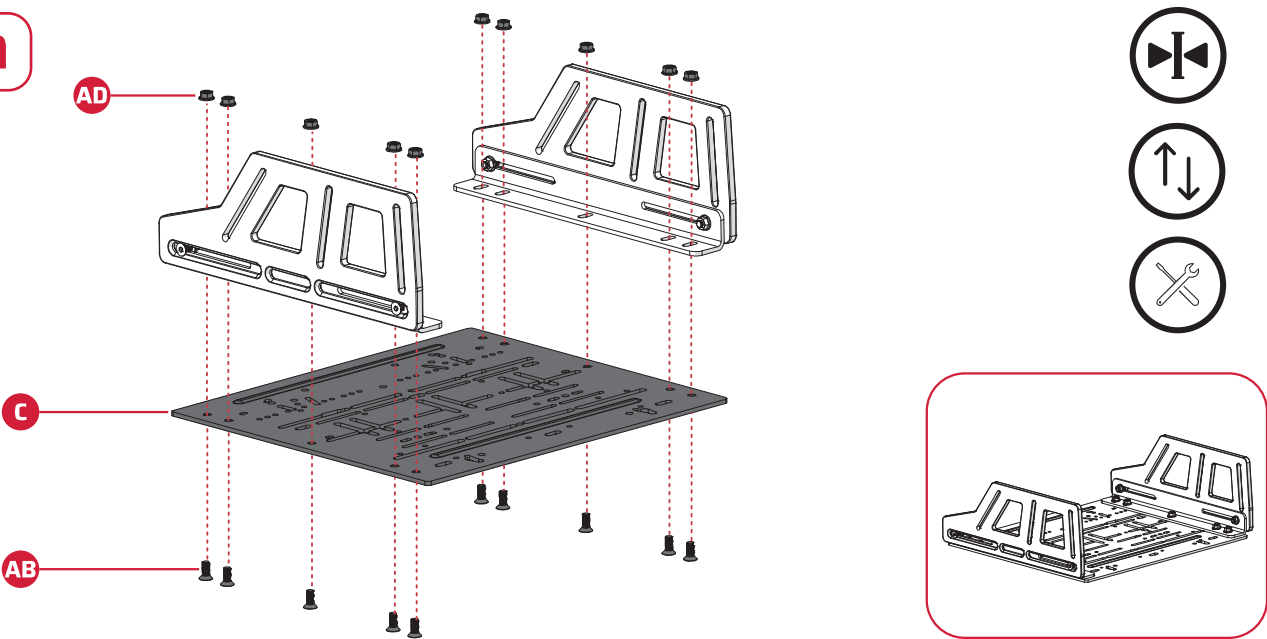
a
OPTION 1



03

SUPPLIED		
C X1	AB X10	AD X10
		
TR80-PP	SF-M8-20	NF-M8

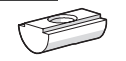
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ASSEMBLY INSTRUCTIONS

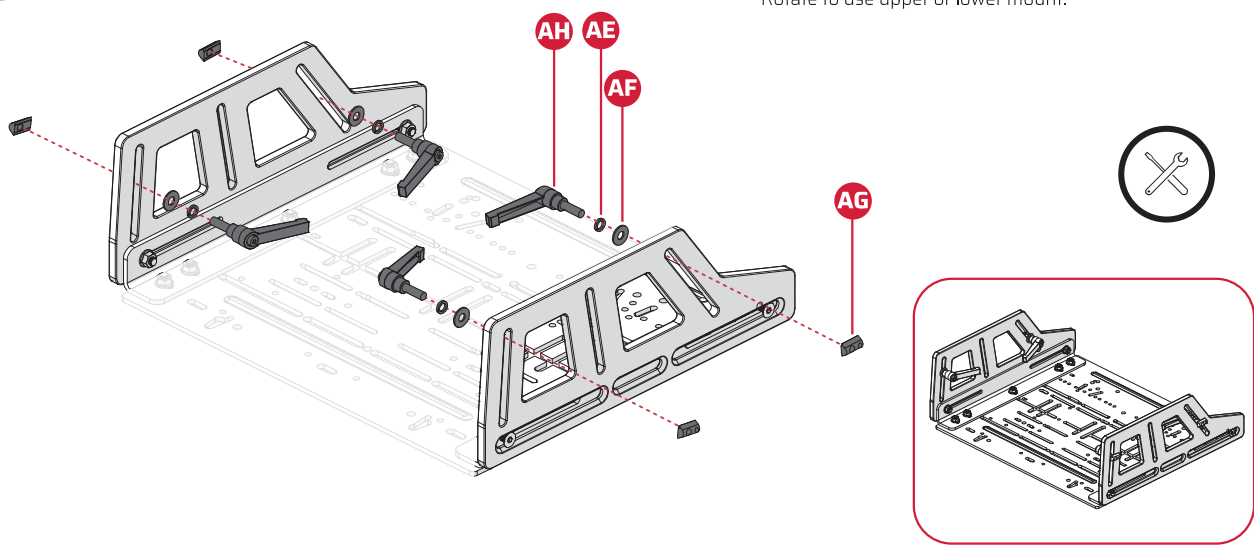
TR1605--TR80-PBPL2

04

SUPPLIED			
AE X4	AF X4	AH X4	AG X4
			
WL-M8	WF-M8-20	OHK-M8-25	NS-M8

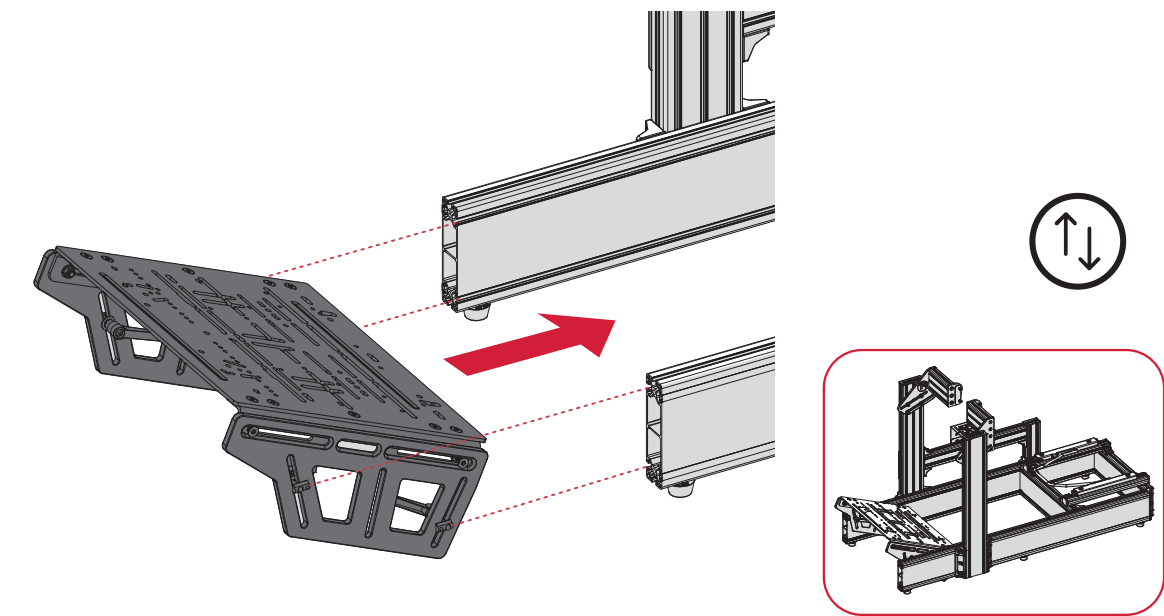
a

NOTE:
Rotate to use upper or lower mount.



05

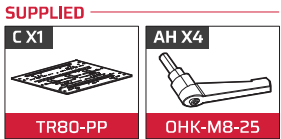
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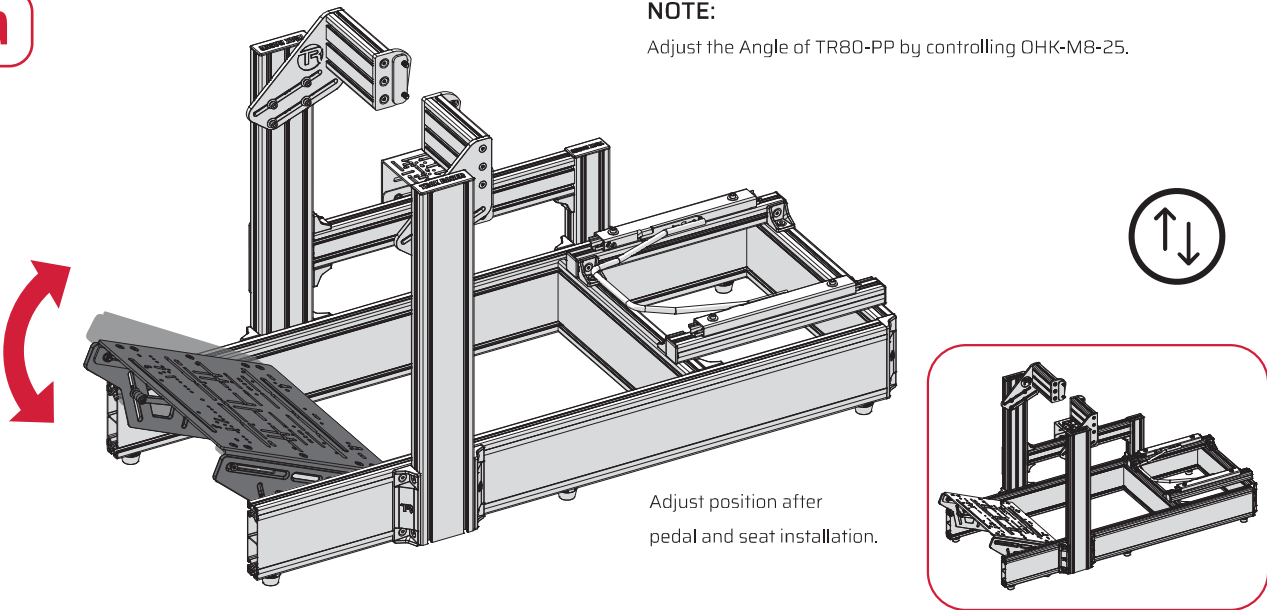
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBPL2

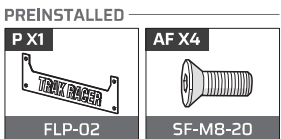
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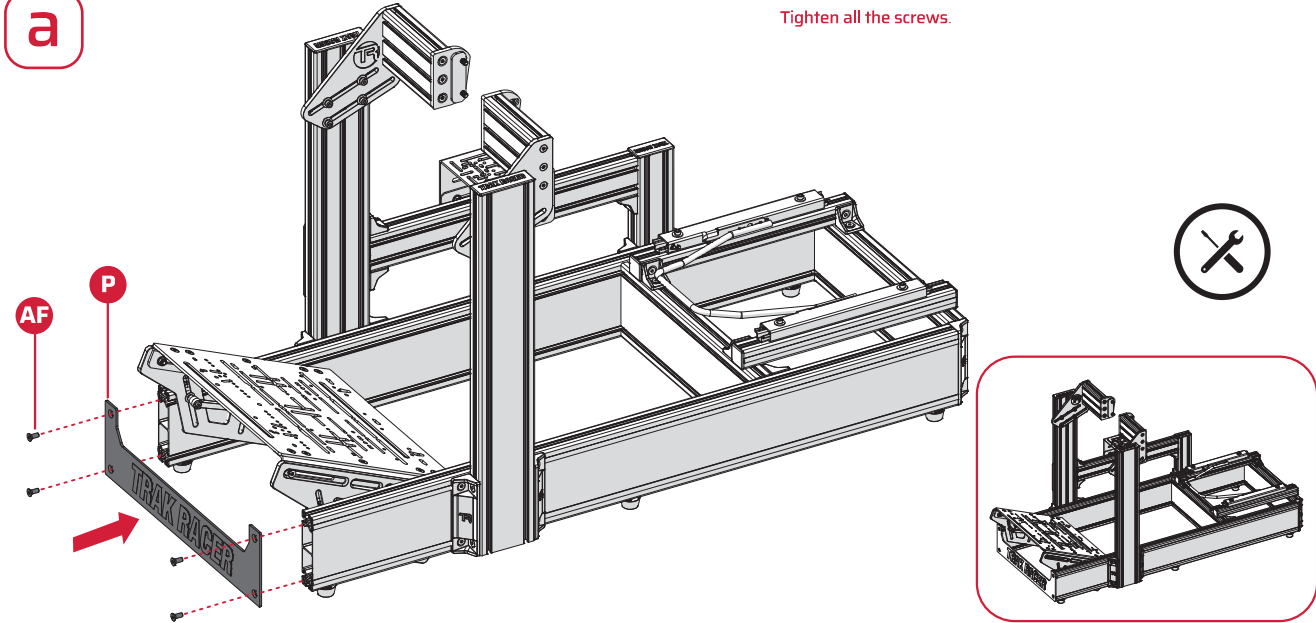
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07



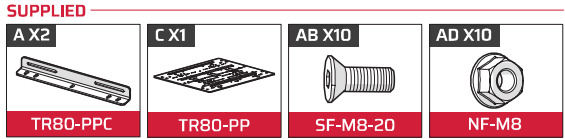
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ASSEMBLY INSTRUCTIONS

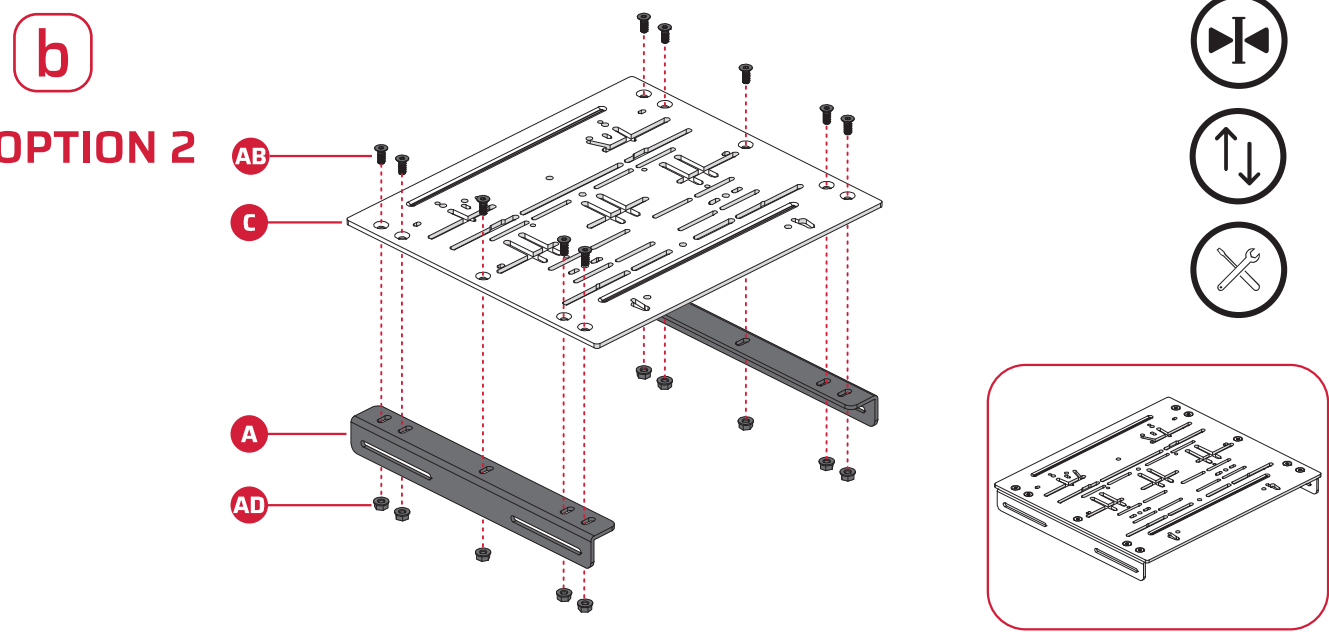
TR1605--TR80-PBPL2

02

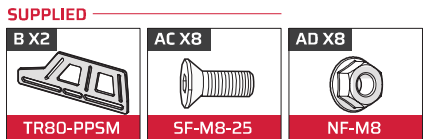


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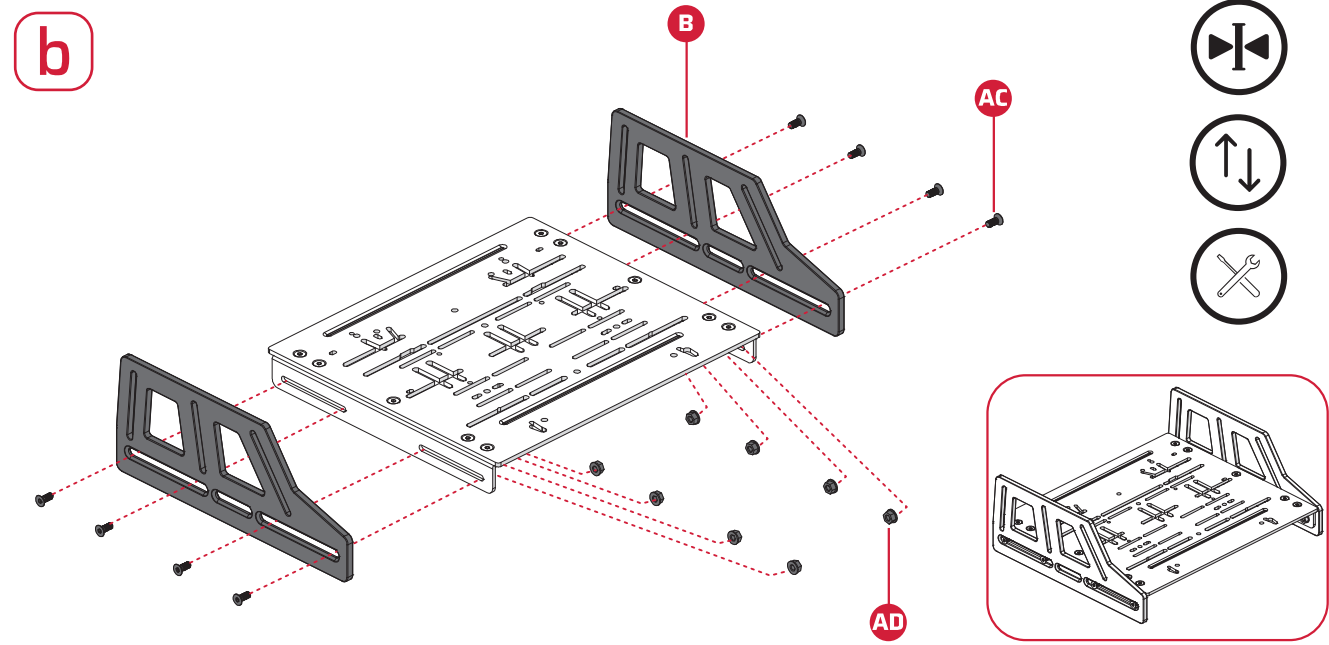
OPTION 2



03



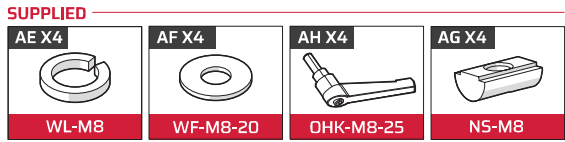
b



ASSEMBLY INSTRUCTIONS

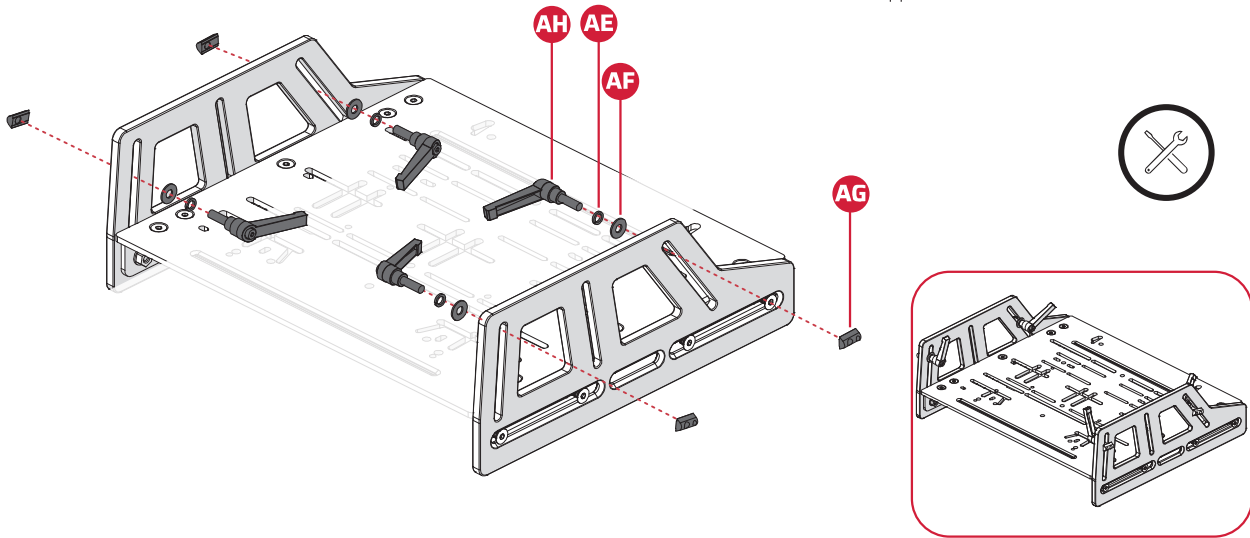
TR1605--TR80-PBPL2

04



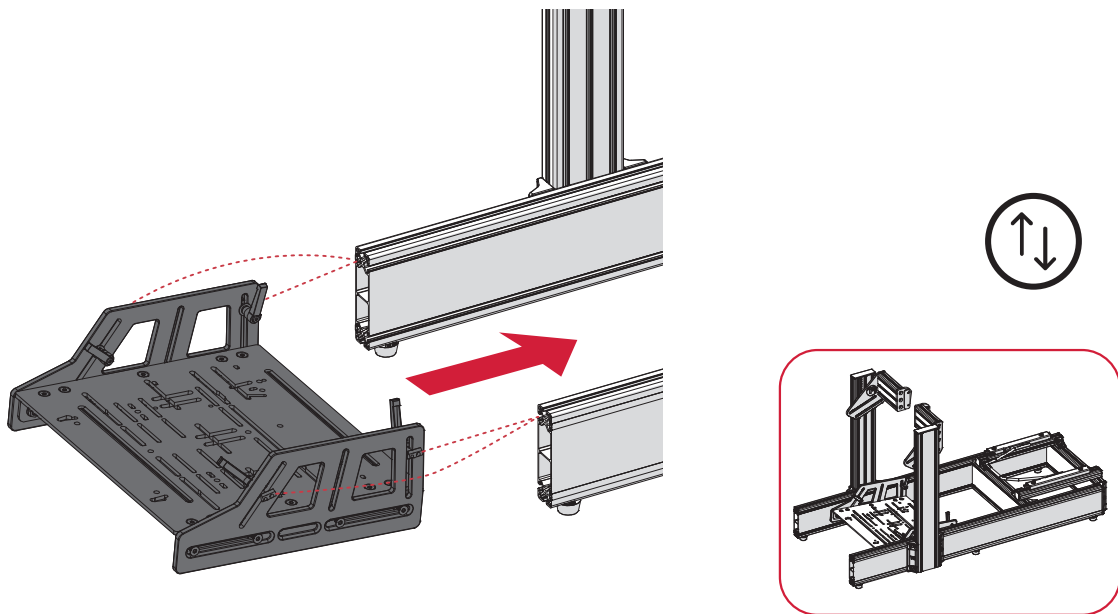
b

NOTE:
Rotate to use upper or lower mount.



05

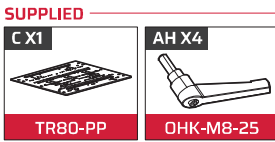
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ASSEMBLY INSTRUCTIONS

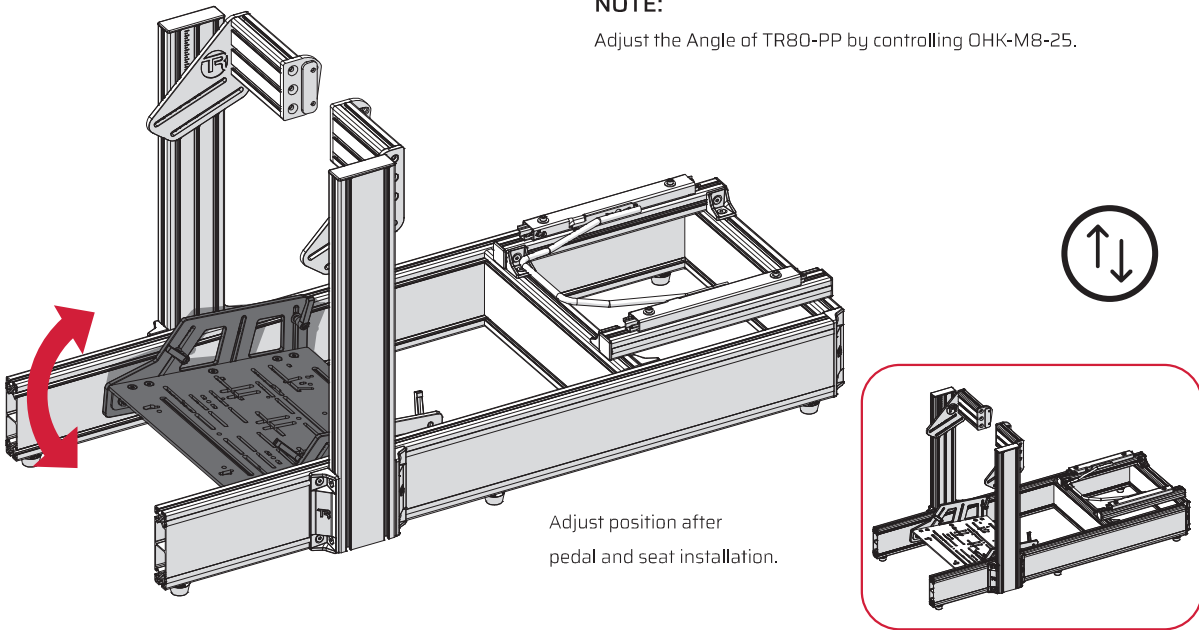
TR1605--TR80-PBPL2

06



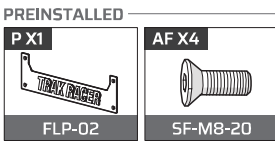
b

NOTE:
Adjust the Angle of TR80-PP by controlling OHK-M8-25.



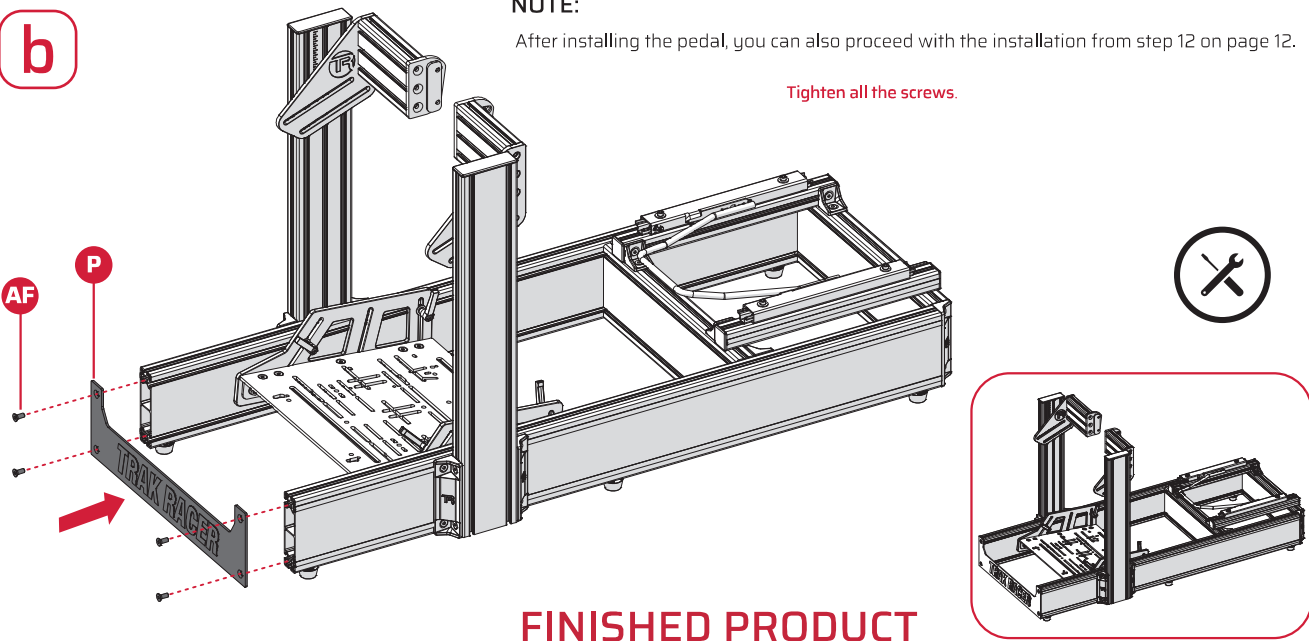
07

b

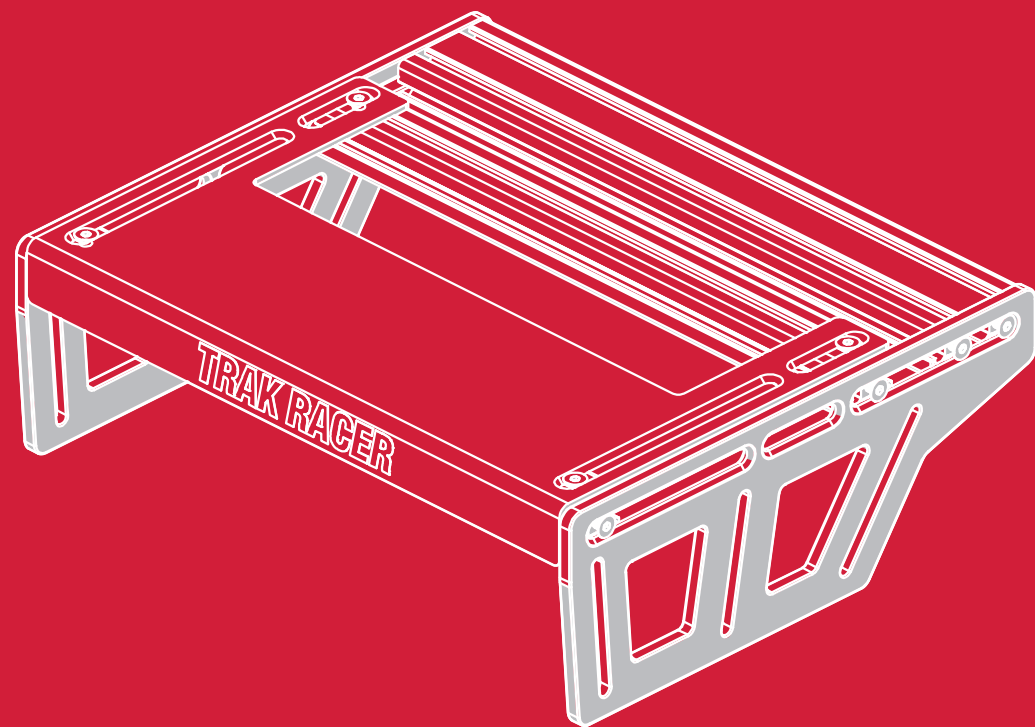


NOTE:
After installing the pedal, you can also proceed with the installation from step 12 on page 12.

Tighten all the screws.



FINISHED PRODUCT



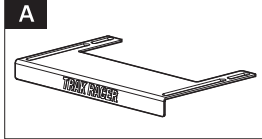
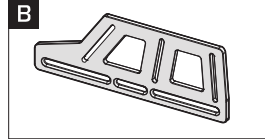
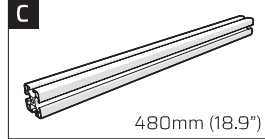
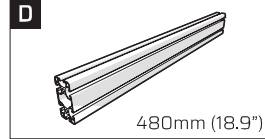
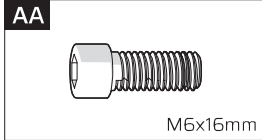
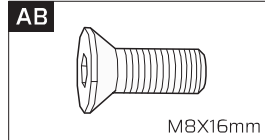
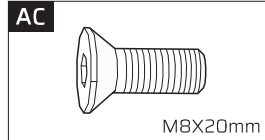
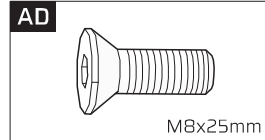
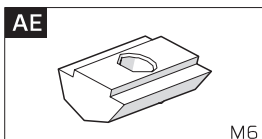
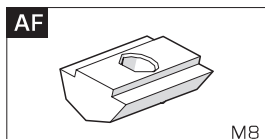
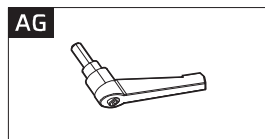
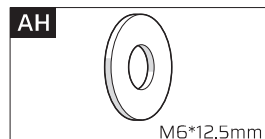
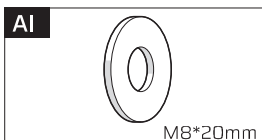
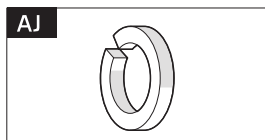
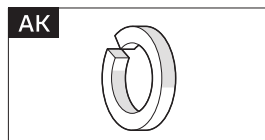
BRAKE PEDAL

Assembly Guide

TR80-PBAL2

TR80-PBAL2 PART LIST

ACCESSORIES (NOTE: Extra hardware may be included as spare parts)

A  Heel Plate TR80-HP-01 X1	B  Pedal Plate Side Mount TR80-PP5M X2	C  Aluminum Profile TR-4040-480 X2	D  Aluminum Profile TR-8040-480 X1
AA  Hex Screw SH-M6-16 X12	AB  Screw (Flat) SF-M8-16 X8	AC  Screw (Flat) SF-M8-20 X8	AD  Screw (Flat) SF-M8-25 X8
AE  Ball Bearing Nut NS-M6 X12	AF  Ball Bearing Nut NS-M8 X12	AG  Offset Hex Key OHK-M8-25 X4	AH  Washer (Flat) WF-M6-12.5 X12
AI  Washer (Flat) WF-M8*20 X12	AJ  Lock Washer WL-M6 X4	AK  Lock Washer WL-M8 X4	

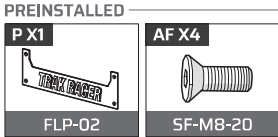
NOTE:

Use screws and washers included in the TR1605 assembly.

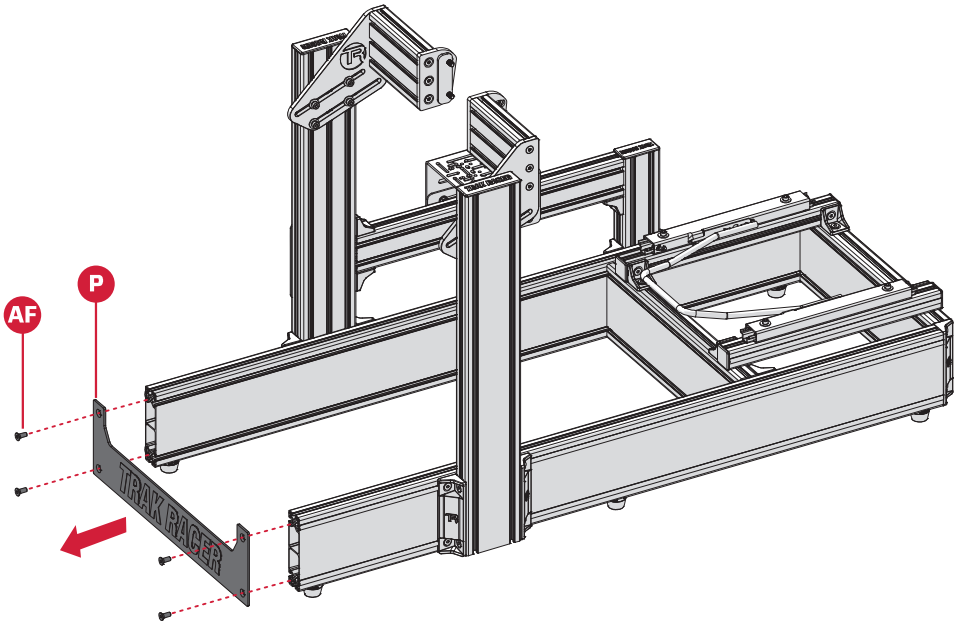
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

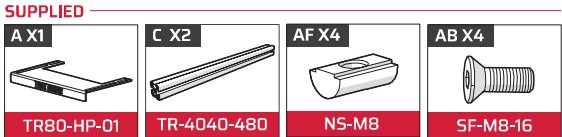
01



NOTE:
This step can also be changed to start after Step 11 on page 12.

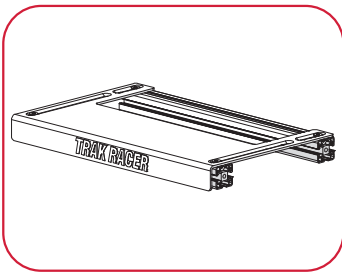
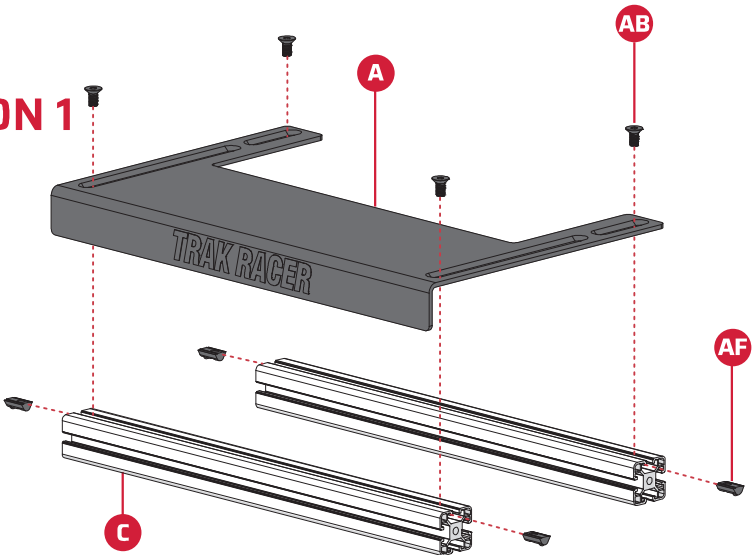


02



a

OPTION 1



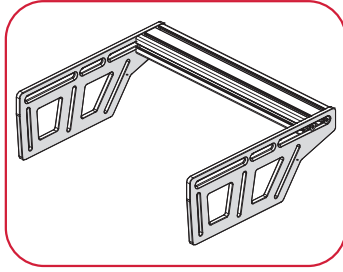
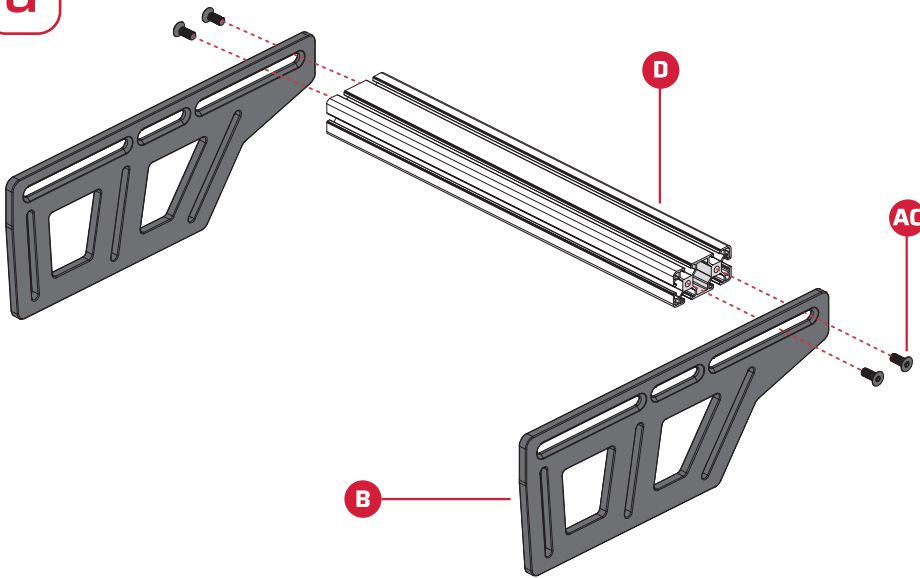
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

03



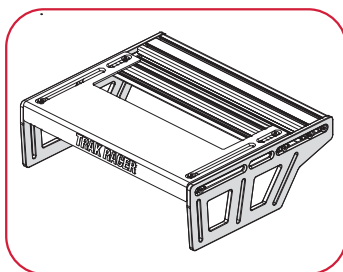
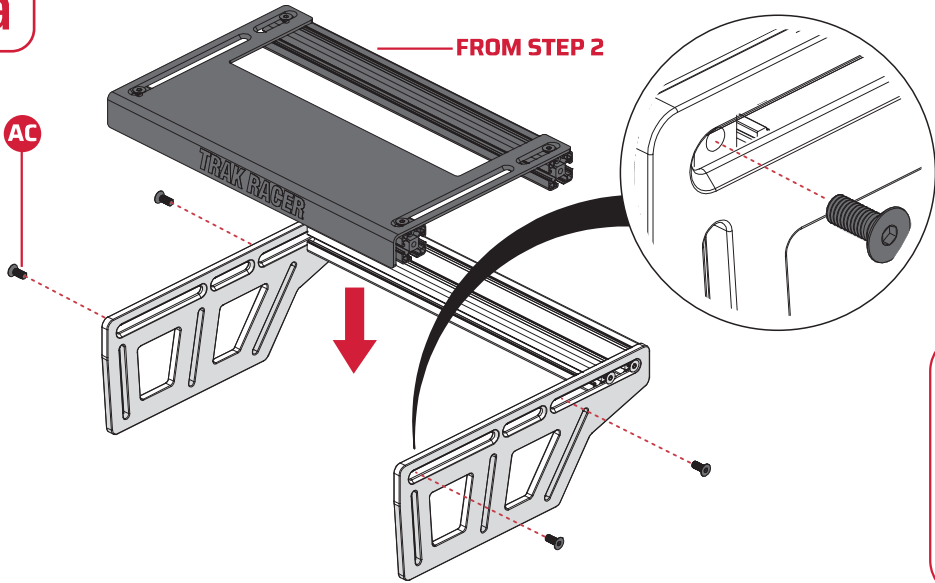
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04



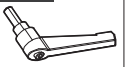
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ASSEMBLY INSTRUCTIONS

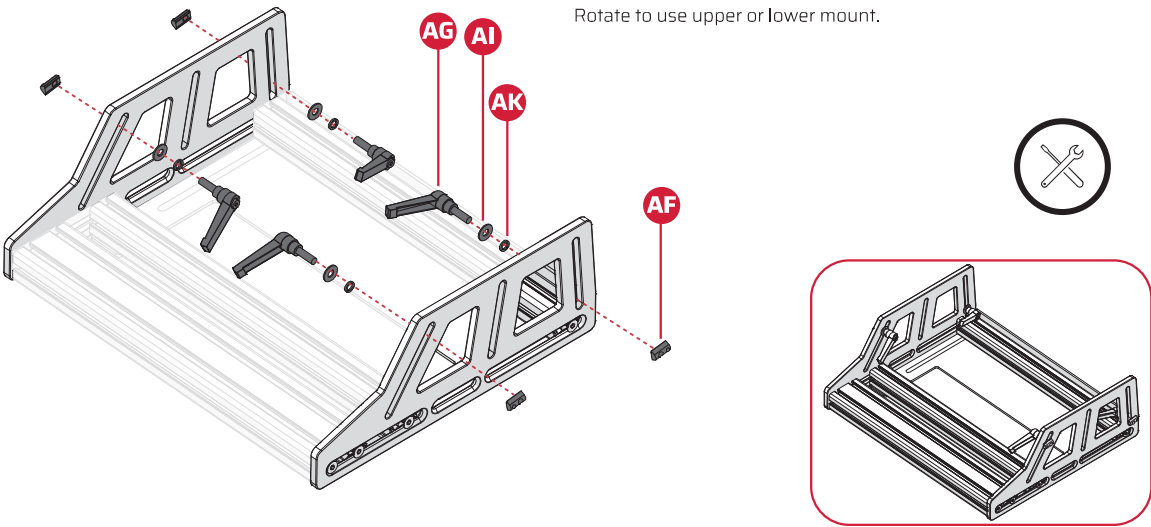
TR1605--TR80-PBAL2

05

SUPPLIED			
AK X4	AI X4	AG X4	AF X4
			
WL-M8	WF-M8-20	OHK-M8-25	NS-M8

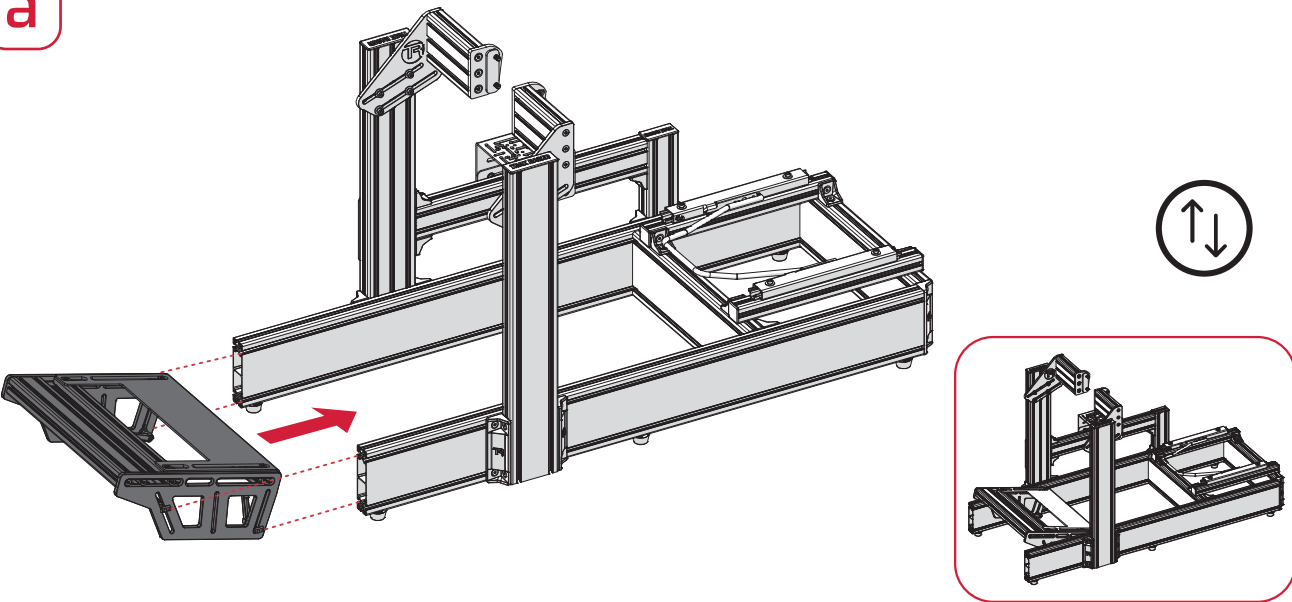
a

NOTE:
Rotate to use upper or lower mount.



06

a



ASSEMBLY INSTRUCTIONS

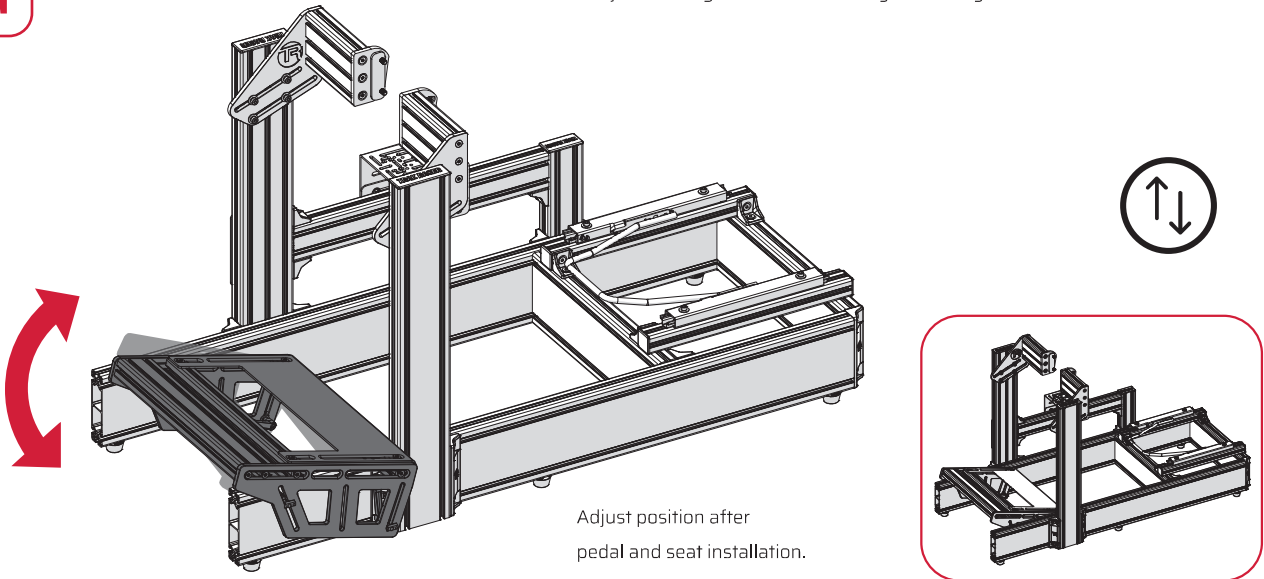
TR1605--TR80-PBAL2

07

SUPPLIED	
A X1	AG X4
	
TR80-HP-01	OHK-M8-25

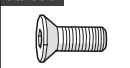
a

NOTE:
Adjust the Angle of TR80-HP-01 by controlling OHK-M8-25.

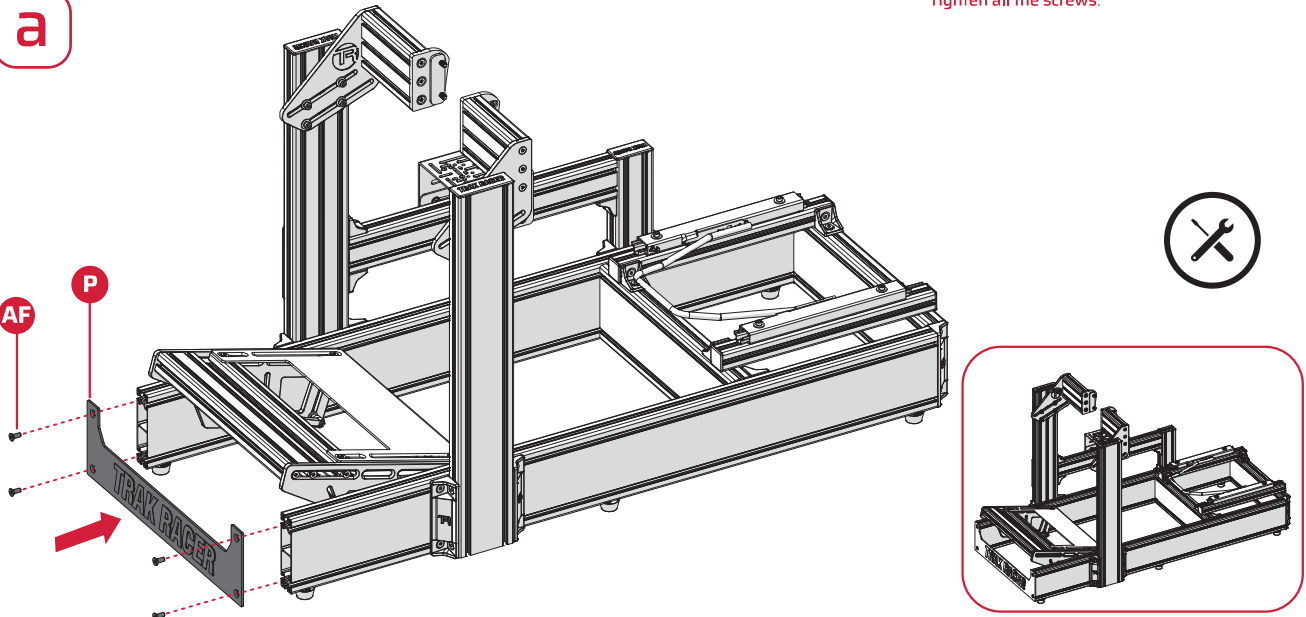


08

a

PREINSTALLED	
P X1	AF X4
	
FLP-02	SF-M8-20

Tighten all the screws.



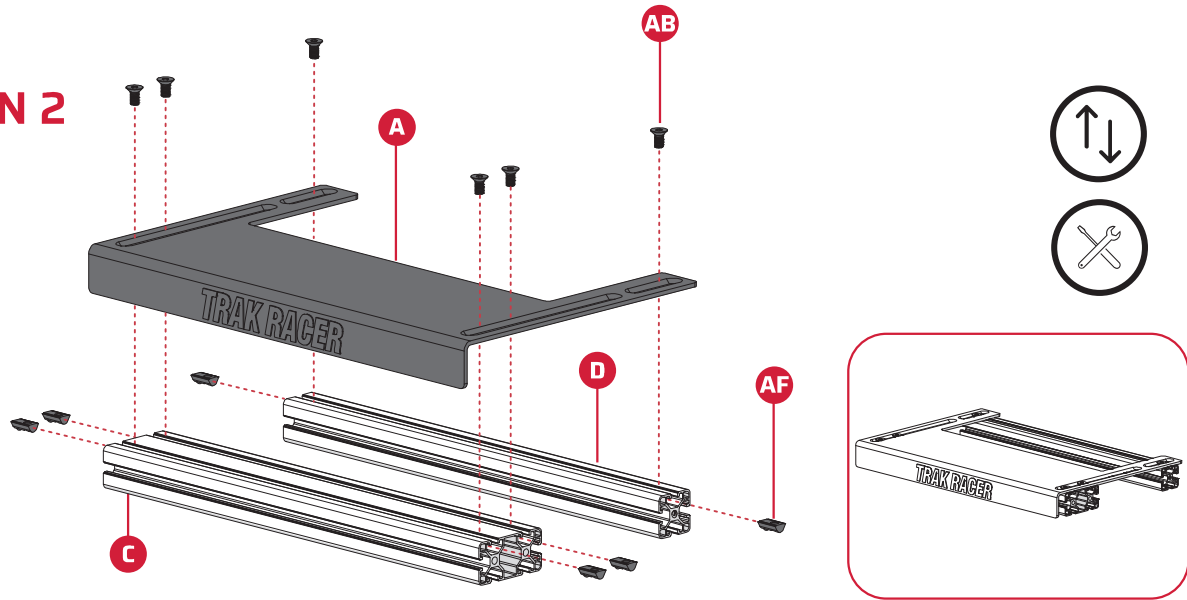
ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

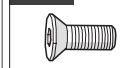
02

SUPPLIED				
A X1	C X1	D X1	AF X6	AB X6
				
TR80-HP-01	TR-4040-480	TR-8040-480	NS-M8	SF-M8-16

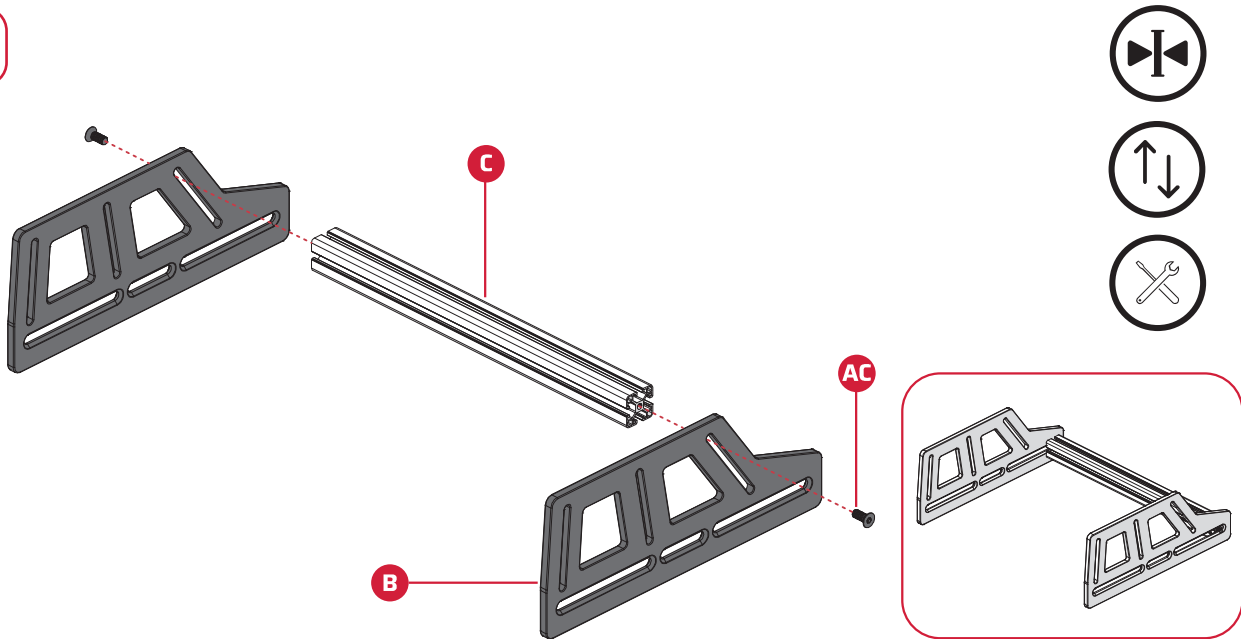
b
OPTION 2



03

SUPPLIED		
B X2	C X1	AC X2
		
TR80-PPSM	TR-4040-480	SF-M8-20

b



ASSEMBLY INSTRUCTIONS

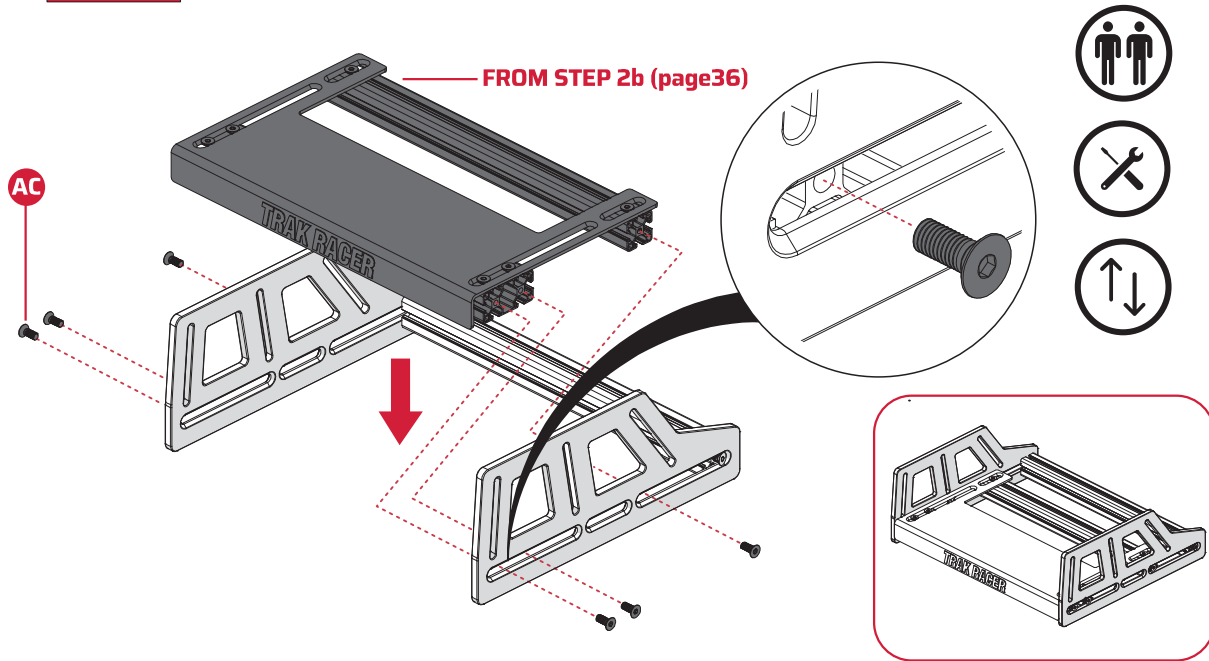
TR1605--TR80-PBAL2

04

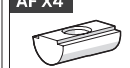
SUPPLIED
AC X4

SF-M8-20

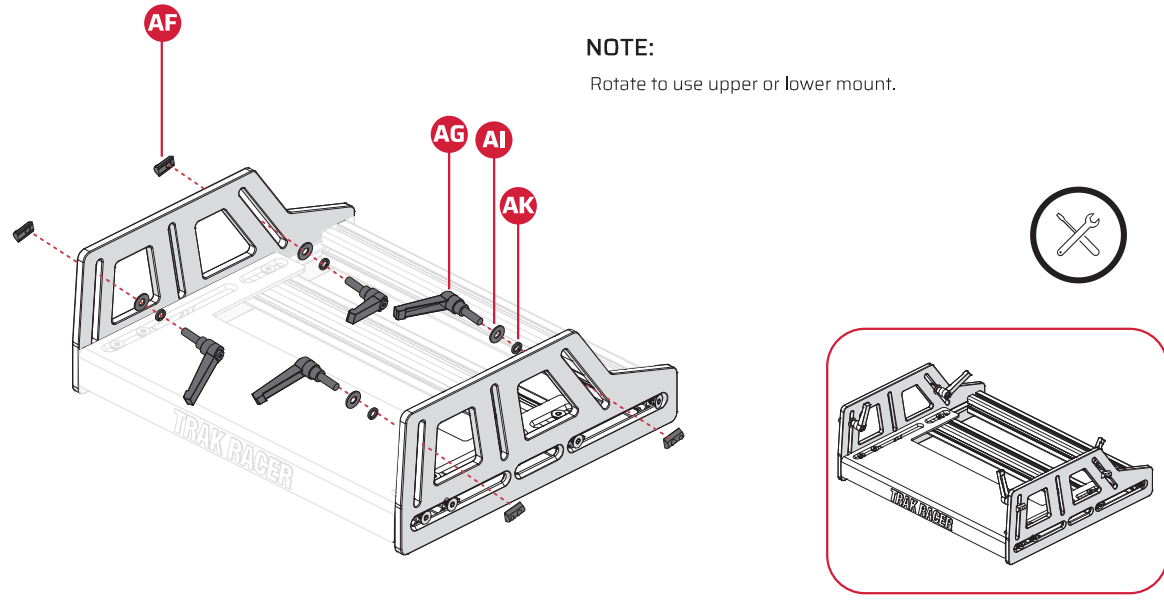
b



05

SUPPLIED			
AK X4	AI X4	AG X4	AF X4
			
WL-M8	WF-M8-20	OHK-M8-25	NS-M8

b

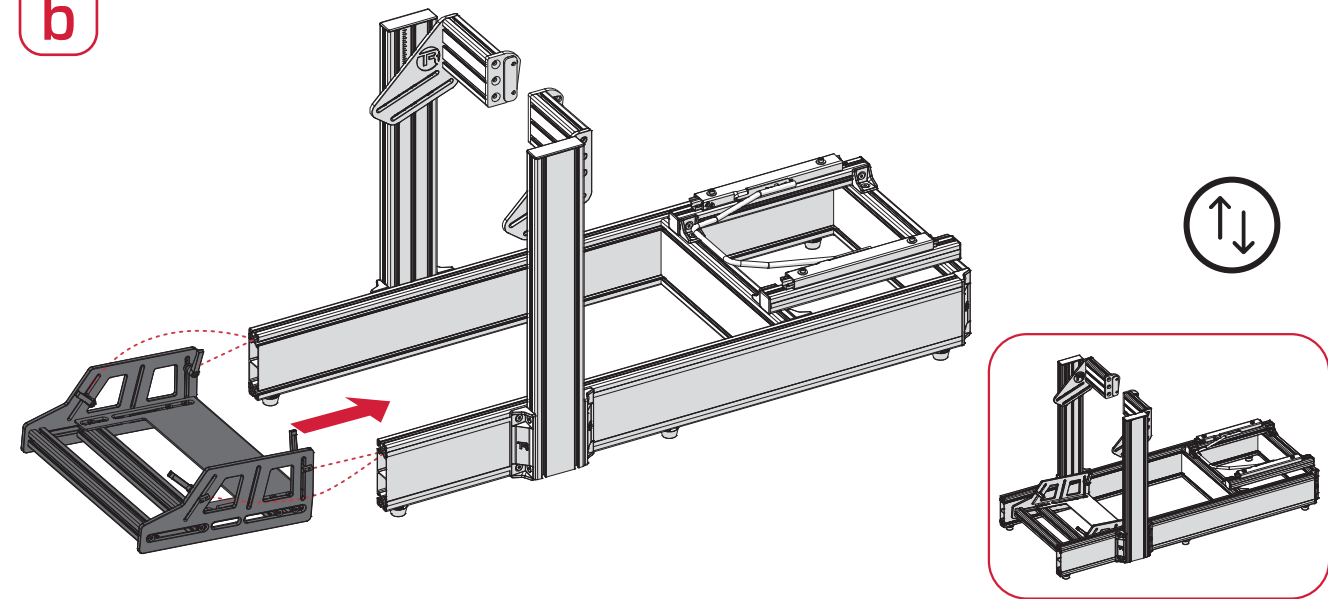


ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

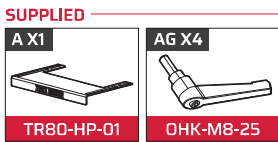
06

b

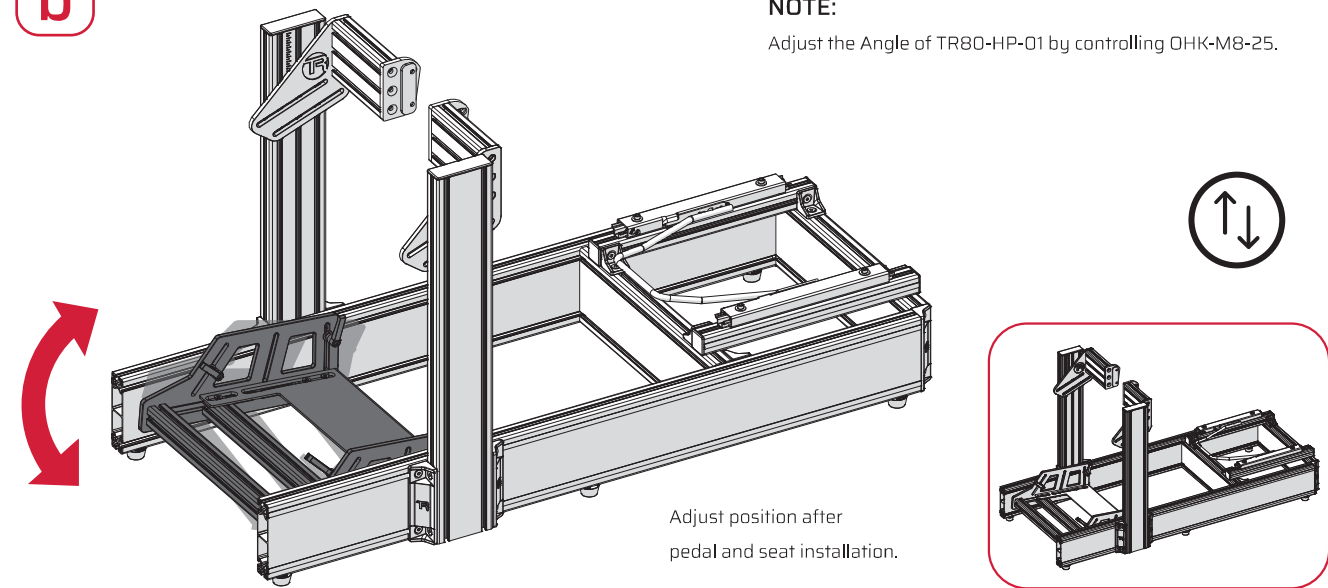


07

b



NOTE:
Adjust the Angle of TR80-HP-01 by controlling OHK-M8-25.

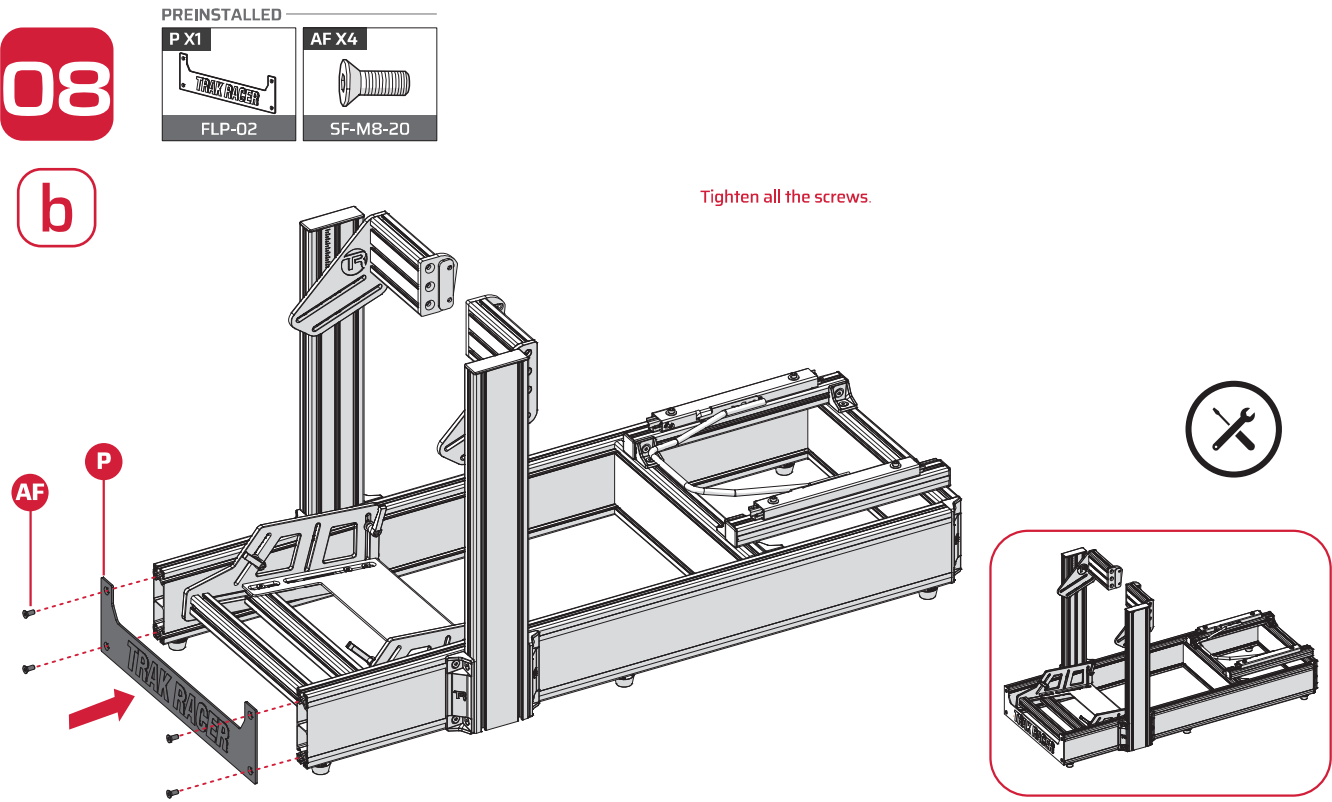


ASSEMBLY INSTRUCTIONS

TR1605--TR80-PBAL2

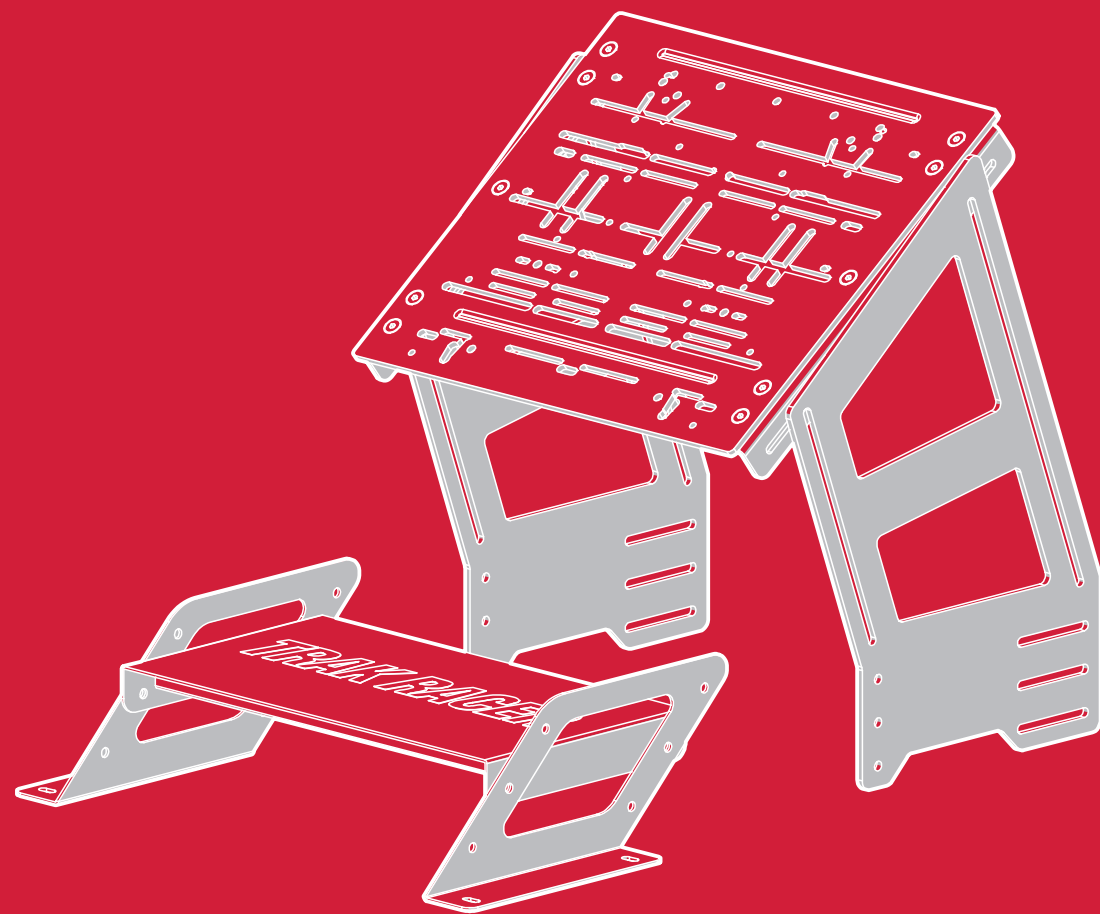
08

b



NOTE:
After installing the pedal, you can also proceed with the installation from step 12 on page 12.

FINISHED PRODUCT



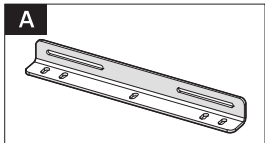
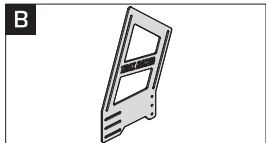
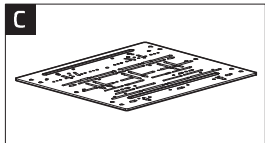
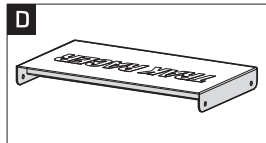
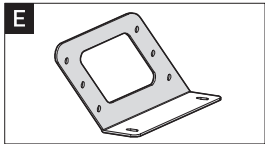
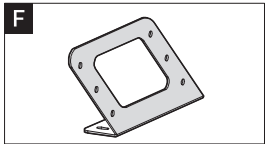
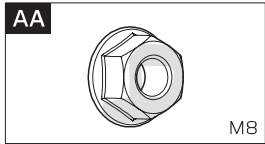
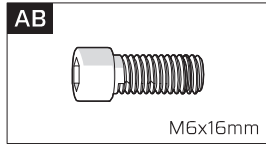
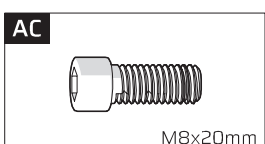
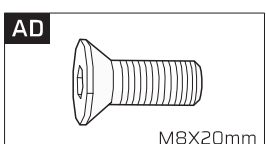
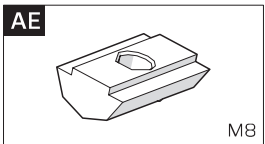
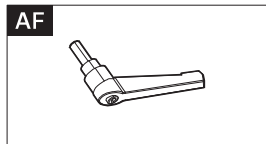
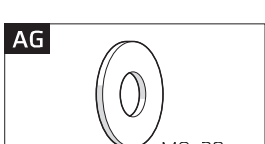
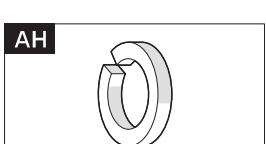
BRAKE PEDAL

Assembly Guide

TR80-HYPL2

TR80-HYPL2 PART LIST

ACCESSORIES (NOTE: Extra hardware may be included as spare parts)

 A Pedal Plate Connector TR80-PPC X2	 B Pedal Plate Side Mount TR80-PP5M-02 X2	 C Pedal Plate TR80-PP X1	 D Hybrid Heel Plate TR80-HHP-01 X1
 E Hybrid Pedal Side Plate TR80-HPSP-01 X1	 F Hybrid Pedal Side Plate TR80-HPSP-02 X1	 AA Flange Nut NF-M8 X26	 AB Hex Screw SH-M6-16 X4
 AC Hex Screw SH-M8-20 X16	 AD Screw (Flat) SF-M8-20 X18	 AE Ball Bearing Nut NS-M8 X12	 AF Offset Hex Key OHK-M8-25 X4
 AG Washer (Flat) WF-M8-20 X16	 AH Lock Washer WL-M8 X16		

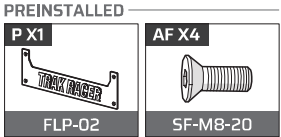
NOTE:

Use screws and washers included in the TR1605 assembly.

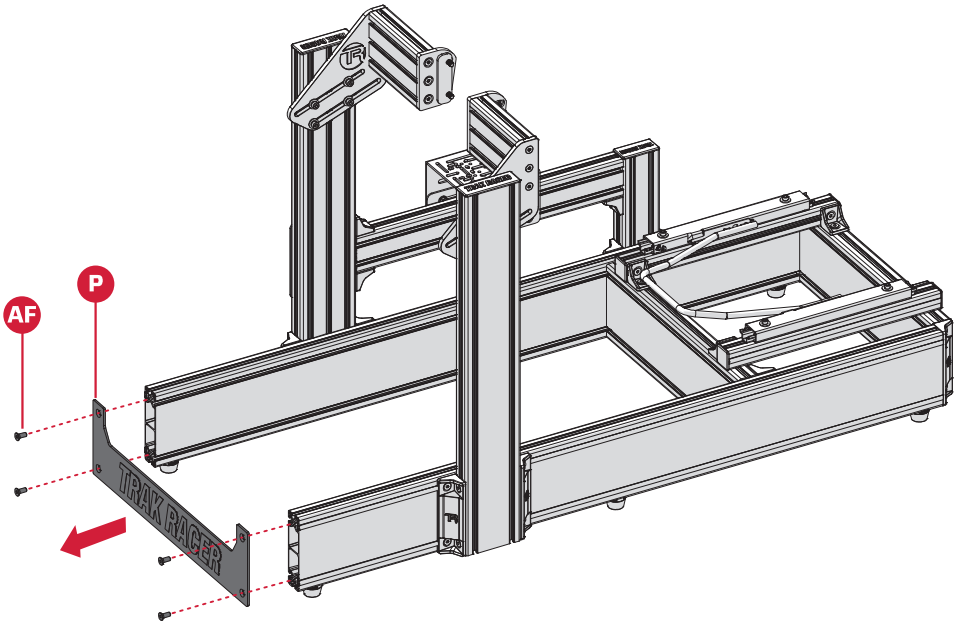
ASSEMBLY INSTRUCTIONS

TR1605--TR80-HYPL2

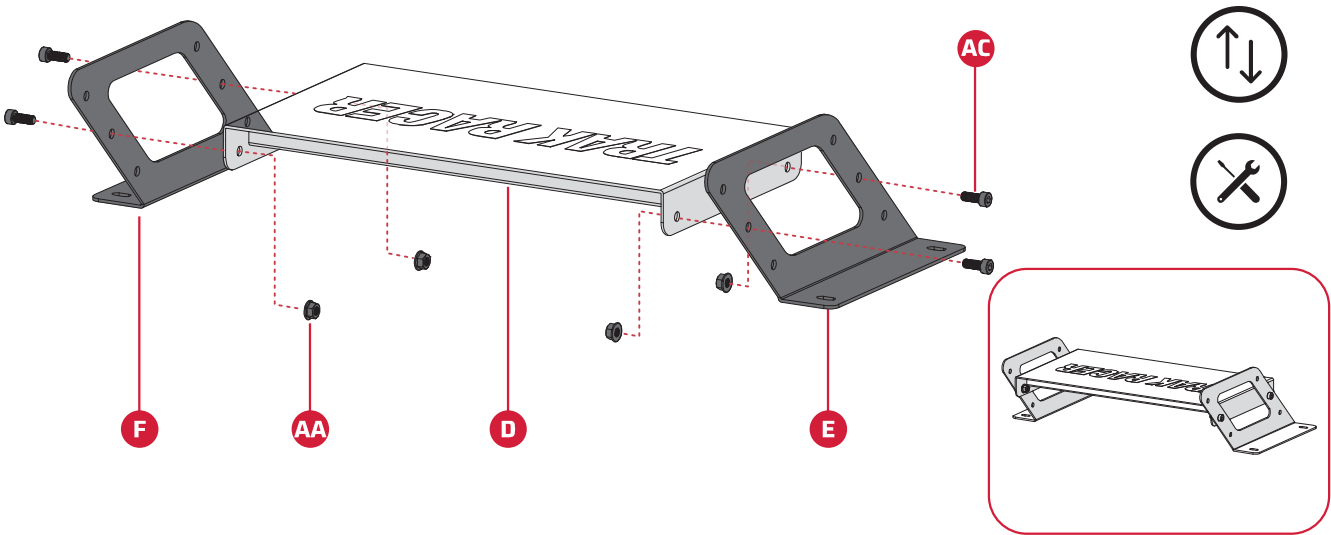
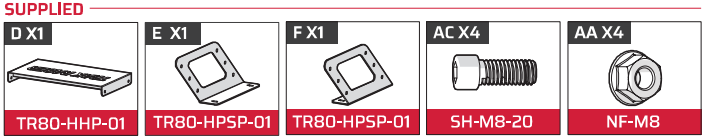
01



NOTE:
This step can also be changed to start after Step 11 on page 12.



02



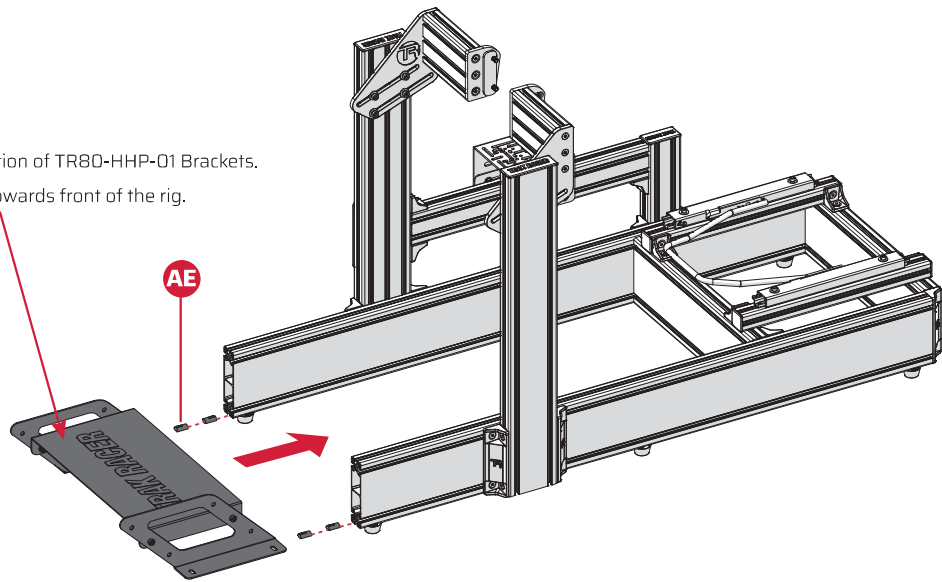
ASSEMBLY INSTRUCTIONS

TR1605--TR80-HYPL2

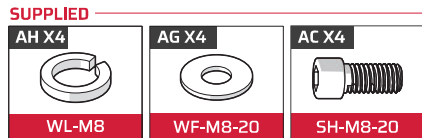
03



Take note of orientation of TR80-HHP-01 Brackets.
They should slope towards front of the rig.

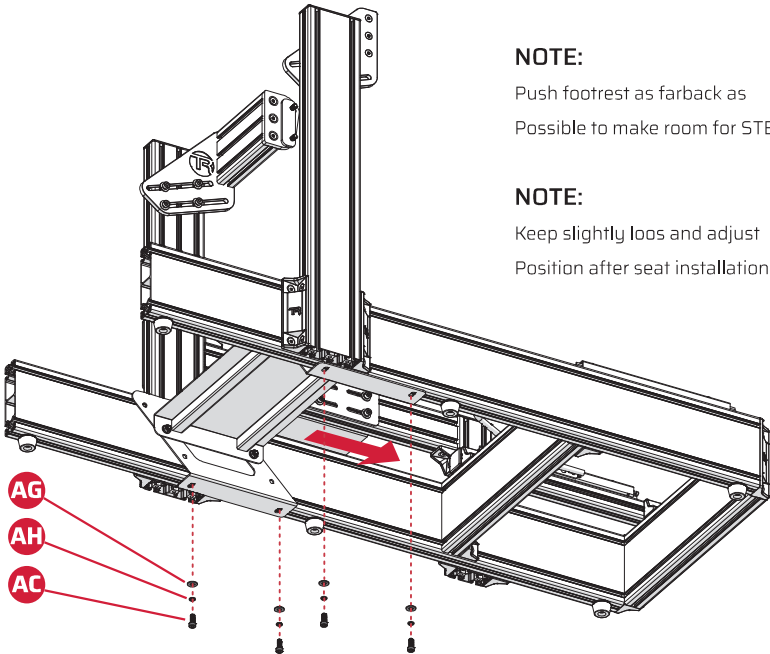


04



NOTE:
Push footrest as farback as
Possible to make room for STEP5.

NOTE:
Keep slightly loos and adjust
Position after seat installation.

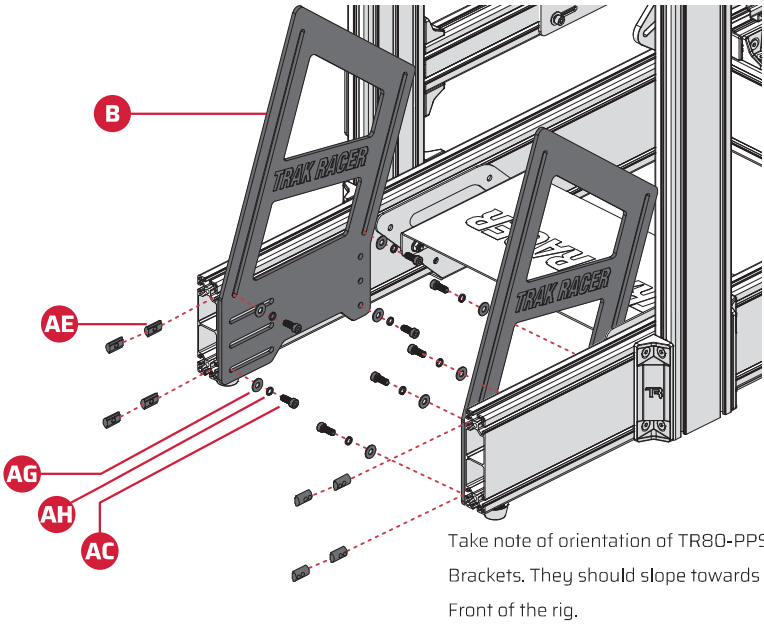


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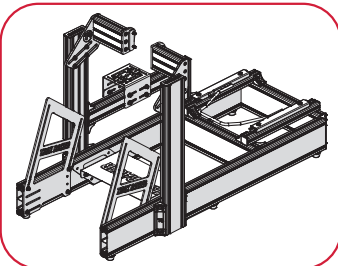
TR1605--TR80-HYPL2

05

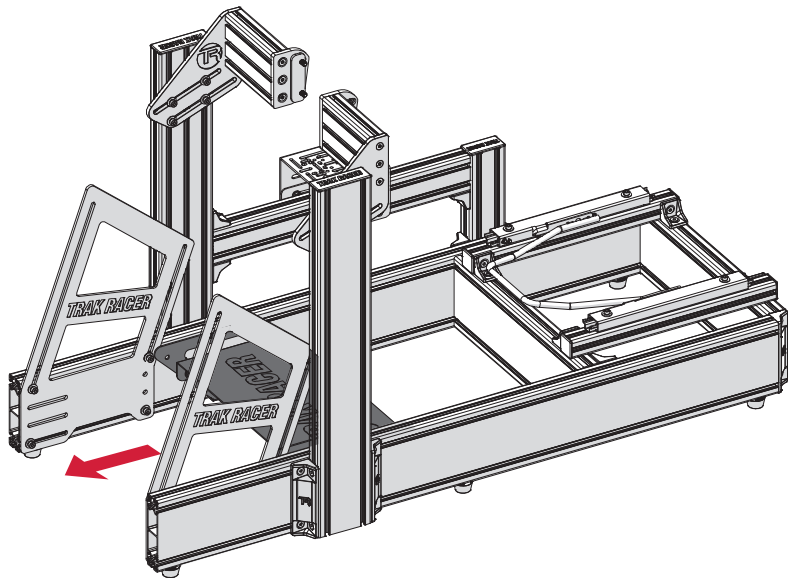
SUPPLIED				
B X2	AH X8	AG X8	AC X8	AE X8
				
TR80-PPSM-02	WL-M8	WF-M8-20	SH-M8-20	NS-M8



NOTE:
Keep slightly loose and adjust
Position after seat installation.



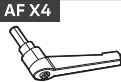
06

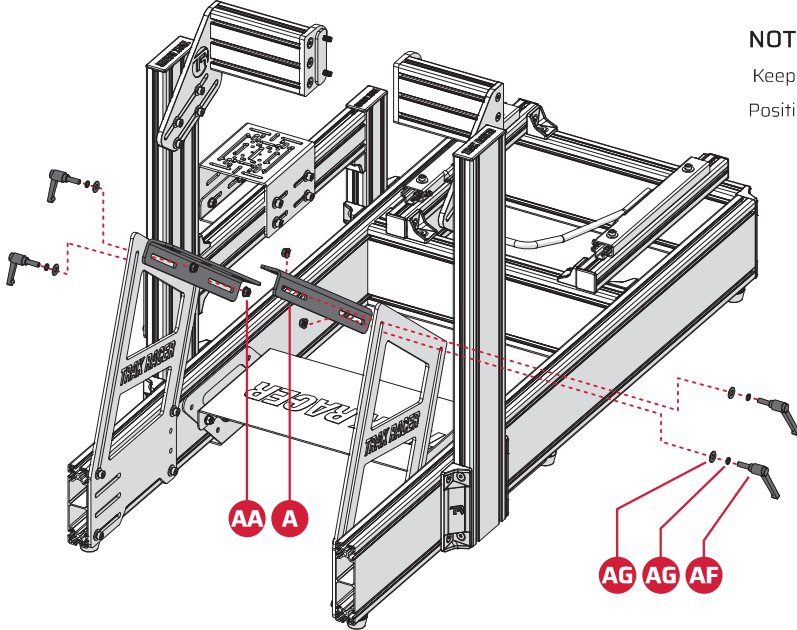


ASSEMBLY INSTRUCTIONS

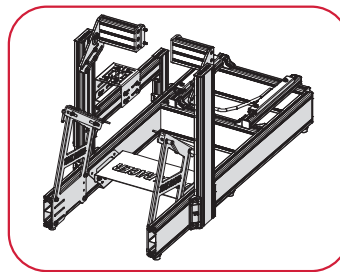
TR1605--TR80-HYPL2

07

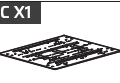
SUPPLIED				
A X2	AH X4	AG X4	AF X4	AA X4
				
TR80-PPC	WL-M8	WF-M8-20	OHK-M8-25	NF-M8

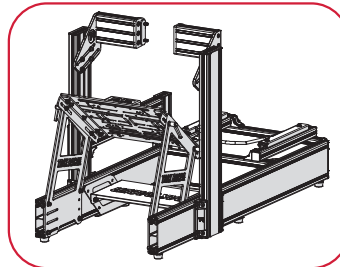
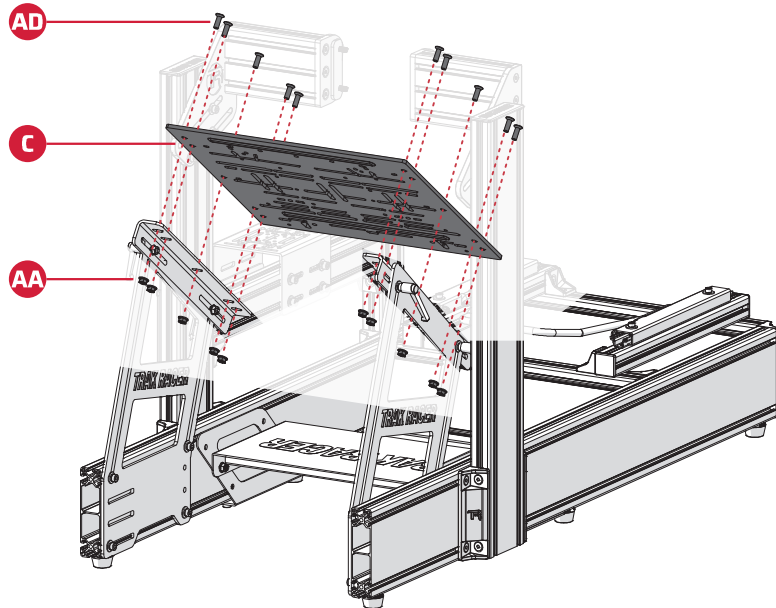


NOTE:
Keep slightly loose and adjust
Position after seat installation.



08

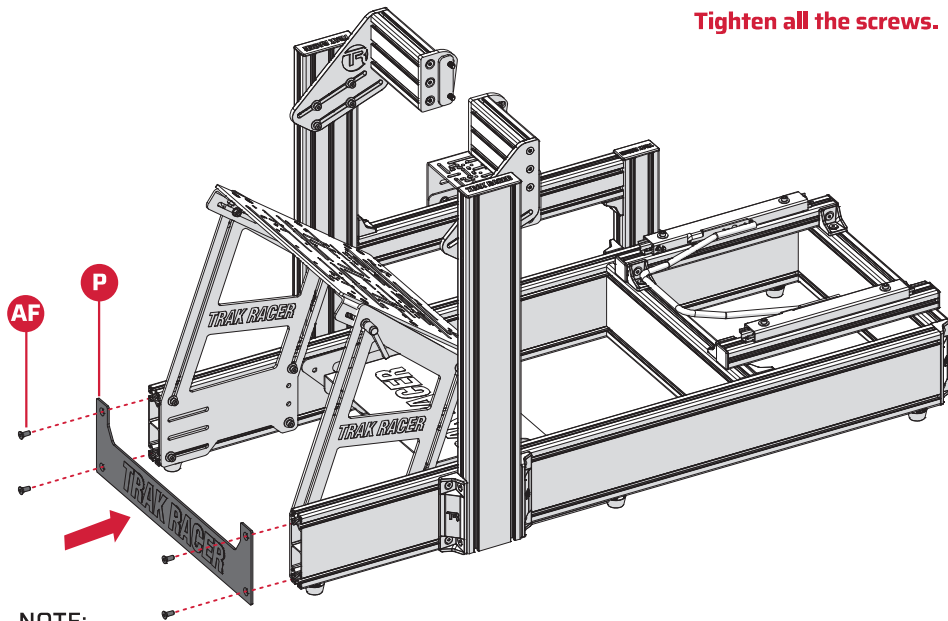
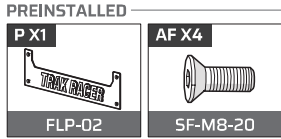
SUPPLIED		
C X1	AD X10	AA X10
		
TR80-PP	SF-M8-20	NF-M8



ASSEMBLY INSTRUCTIONS

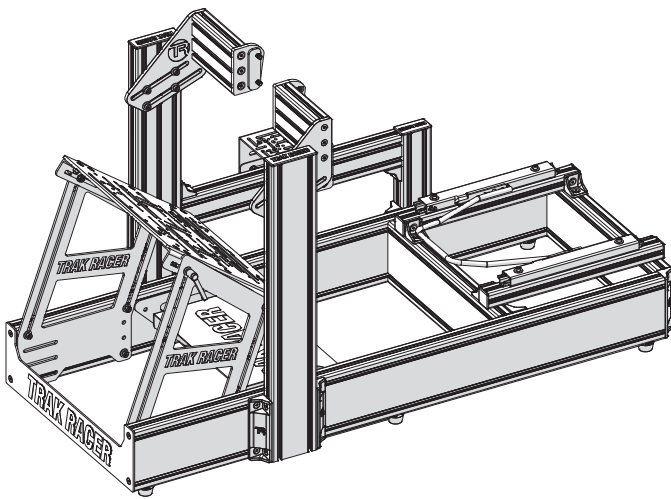
TR1605--TR80-HYPL2

09



NOTE:

After installing the pedal, you can also proceed with the installation from step 12 on page 12.



FINISHED PRODUCT