

REAR SUSPENSION ARMS

ASSEMBLED VIEW

LEFT

NOTE ORIENTATION

NOTE ORIENTATION

It is important to press the ball end from the bottom of the arm

RIGHT

5.5mm THREAD

6.5mm THREAD

SHORT

ALTERNATIVE LONG

INITIAL SETTING

Press straight

Follow page 31/ step 1

Pivot ball with M3x5.5mm

Play

0.5mm shim.

Pivot ball with M3x6.5mm

INITIAL SETTING

Play

1.0mm shim.

When using more than 1mm shim under the hub, use the #303263 pivot ball with longer 6.5mm thread length to increase durability in serious crashes.

Make sure to check for clearance between the pivot ball threads and CVD pin.

Install the pivot balls with #183011 - HUDY Multi Tool

Remove #183013 pins.

PRESS POSITION

To make sure that the pivot ball is pressed into the arm correctly, remove the pins from the HUDY Multi Tool and use the exact press position like shown on the picture. This way the ball will never go through the arm and will NOT create any excessive play.

REAR SUSPENSION ARMS

ASSEMBLED VIEW

LEFT

NOTE ORIENTATION

3x10mm

NOTE ORIENTATION

ø3.8mm BALL 4mm THREAD

RIGHT

3x8mm

Make sure to NOT OVERTIGHTEN

2x

901308 SB M3x8

2x

901310 SB M3x10

VIDEO TECH TIP

LOWER ARMS

2x

L=R

INITIAL SETTING

4mm

3.4mm

FRONT SUSPENSION ARMS

2x

L=R

NOTE ORIENTATION

NOTE ORIENTATION

NOTE ORIENTATION

ASSEMBLED VIEW

LEFT

RIGHT

5.5mm THREAD

It is important to press the ball end from the bottom of the arm

Use only pivot ball with M3x5.5mm thread for front arms.

PRESS STRAIGHT

TIP

Install the pivot balls with #183011 - HUDY Multi Tool.

Remove #183013 pins.

PRESS POSITION

To make sure that the pivot ball is pressed into the arm correctly, remove the pins from the HUDY Multi Tool and use the exact press position like shown on the picture. This way the ball will never go through the arm and will NOT create any excessive play.



4x 303121-K
SHIM 3x6x0.5

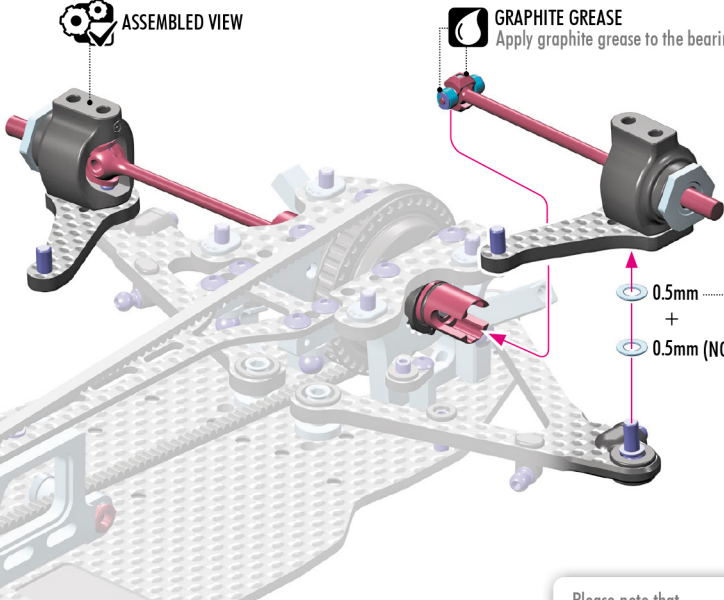


VIDEO TECH TIPS



ROLL-CENTER

2x REAR SUSPENSION



ASSEMBLED VIEW



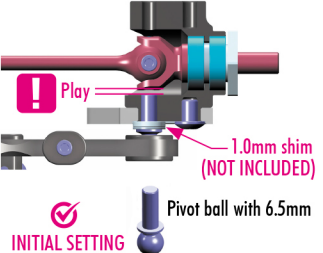
GRAPHITE GREASE
Apply graphite grease to the bearings



0.5mm
+
0.5mm (NOT INCLUDED)



When using more than 1mm shim under the hub, use the #303263 pivot ball with longer 6.5mm thread length to increase durability in serious crashes.
Make sure to check for clearance between the pivot ball threads and CVD pin.

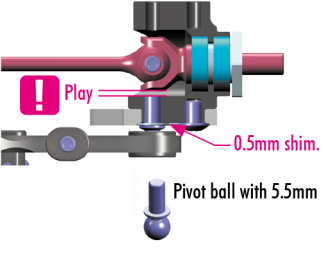


! Play

1.0mm shim (NOT INCLUDED)

INITIAL SETTING

Pivot ball with 6.5mm



! Play

0.5mm shim.

Pivot ball with 5.5mm

Please note that
0.5mm on X4'26 = 0mm on X4'25.



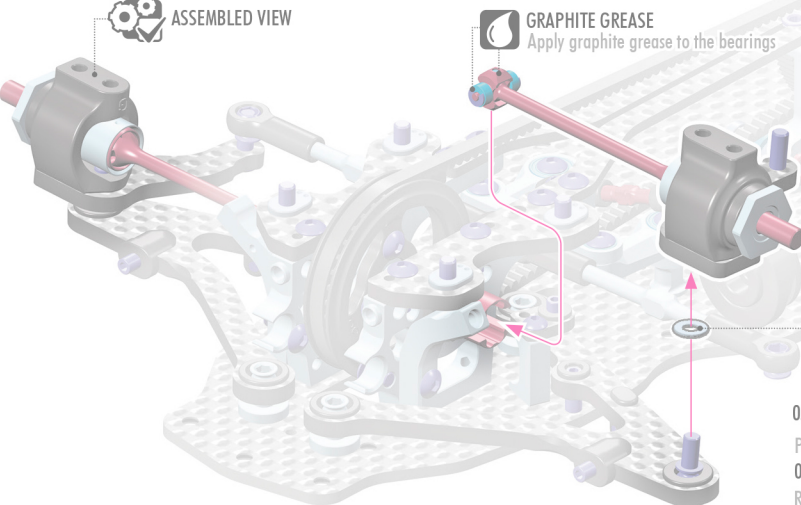
0.5mm SHIMS

Raising the rear axle height will improve rotation and off-power steering. Recommended for medium to high traction asphalt surfaces. Minimum shim thickness is 0.5mm; DO NOT use thinner.



2x 303121-K
SHIM 3x6x0.5

2x FRONT SUSPENSION



ASSEMBLED VIEW



GRAPHITE GREASE
Apply graphite grease to the bearings



0.5mm

Please note that
0.5mm on X4'26 = 0mm on X4'25.
Raising the front axle height will free up the front, reduce front traction, and make the car more forgiving to drive. Minimum shim thickness is 0.5mm; DO NOT use thinner.