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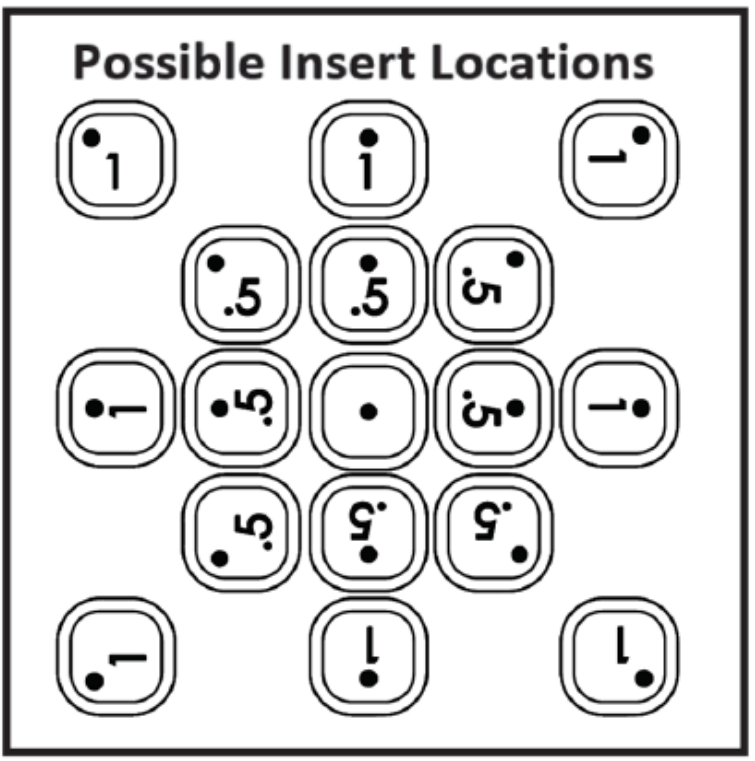
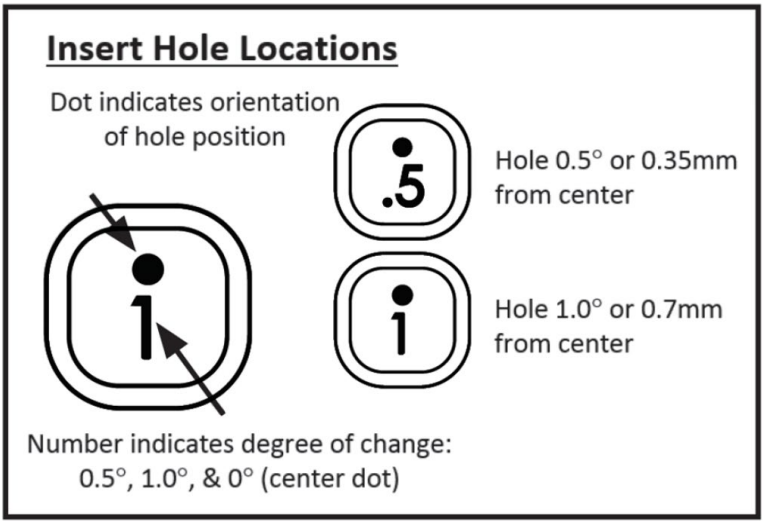
Rear C & D Arm Mount Pill Insert Setup

Works for: B6.1, B6.1D, T6.1, SC6.1, B64, and B64D

The aluminum rear arm mounts utilize eccentric pill inserts to make fine adjustments to anti-squat, toe, pin height, and pin width. Adjustments can be made using #92014 inserts.





Standard Position

Use this position as a reference when changing pill locations.

Toe: 3°

Anti-squat: 1°

Roll Center: +0

Pivot Width: +0

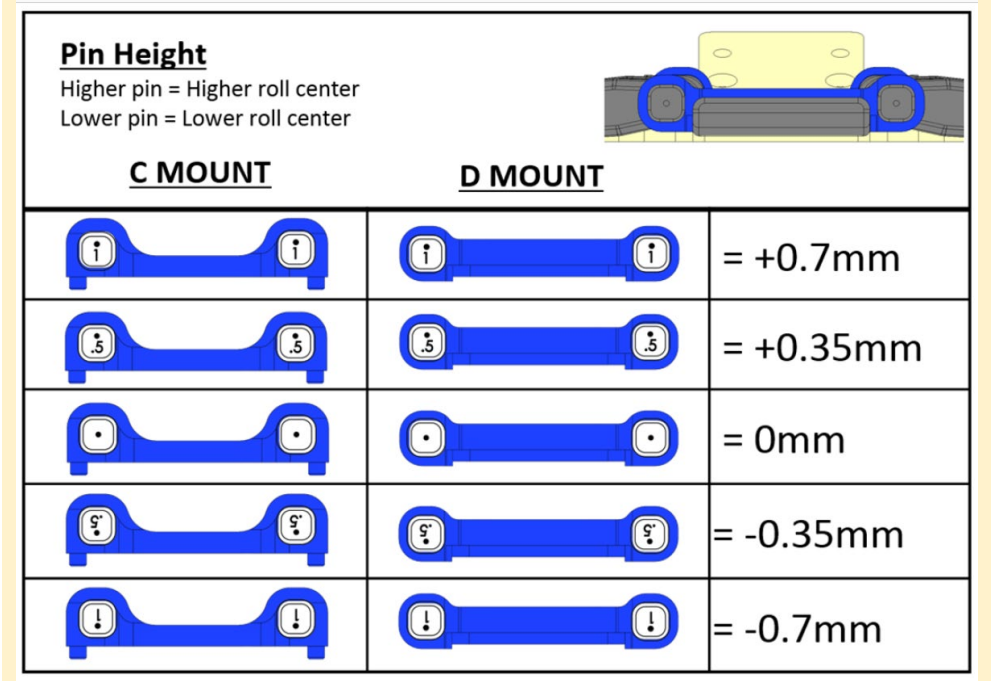
C MOUNT

D MOUNT

Pin Height

Higher pin = Higher roll center

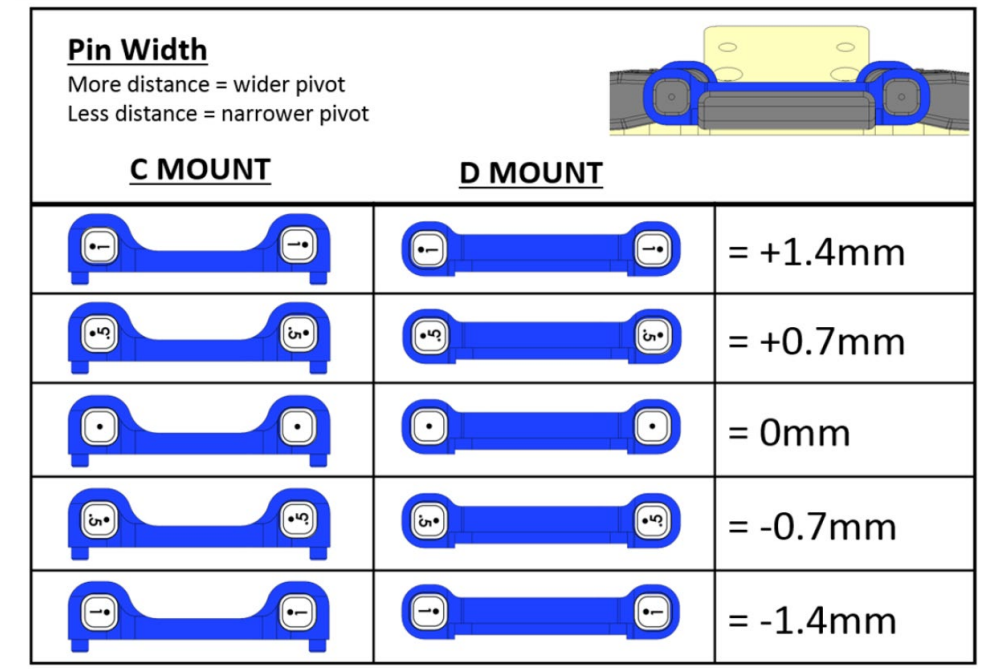
Lower pin = Lower roll center



Pin Width

More distance = wider pivot

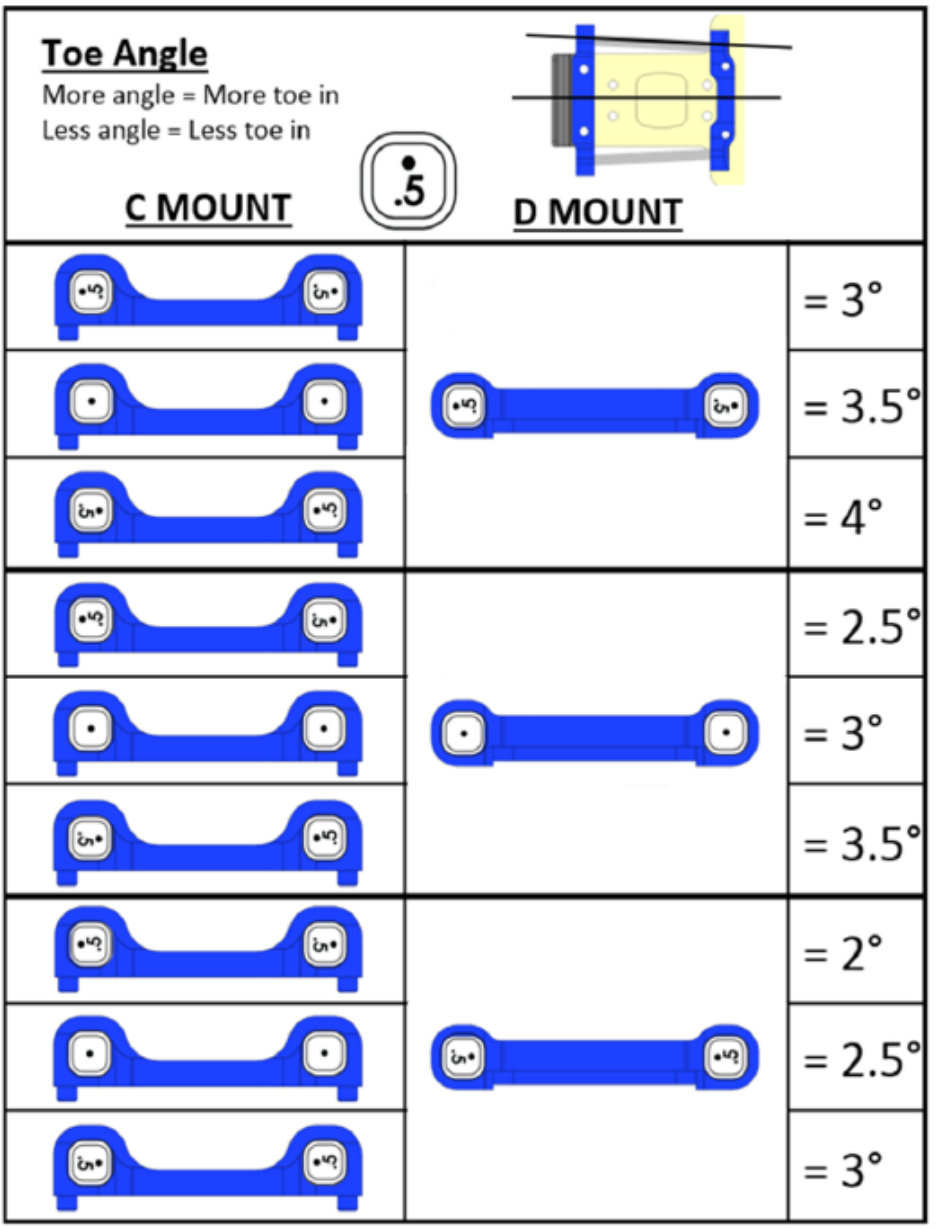
Less distance = narrower pivot



Toe Angle

More angle = More toe in

Less angle = Less toe in

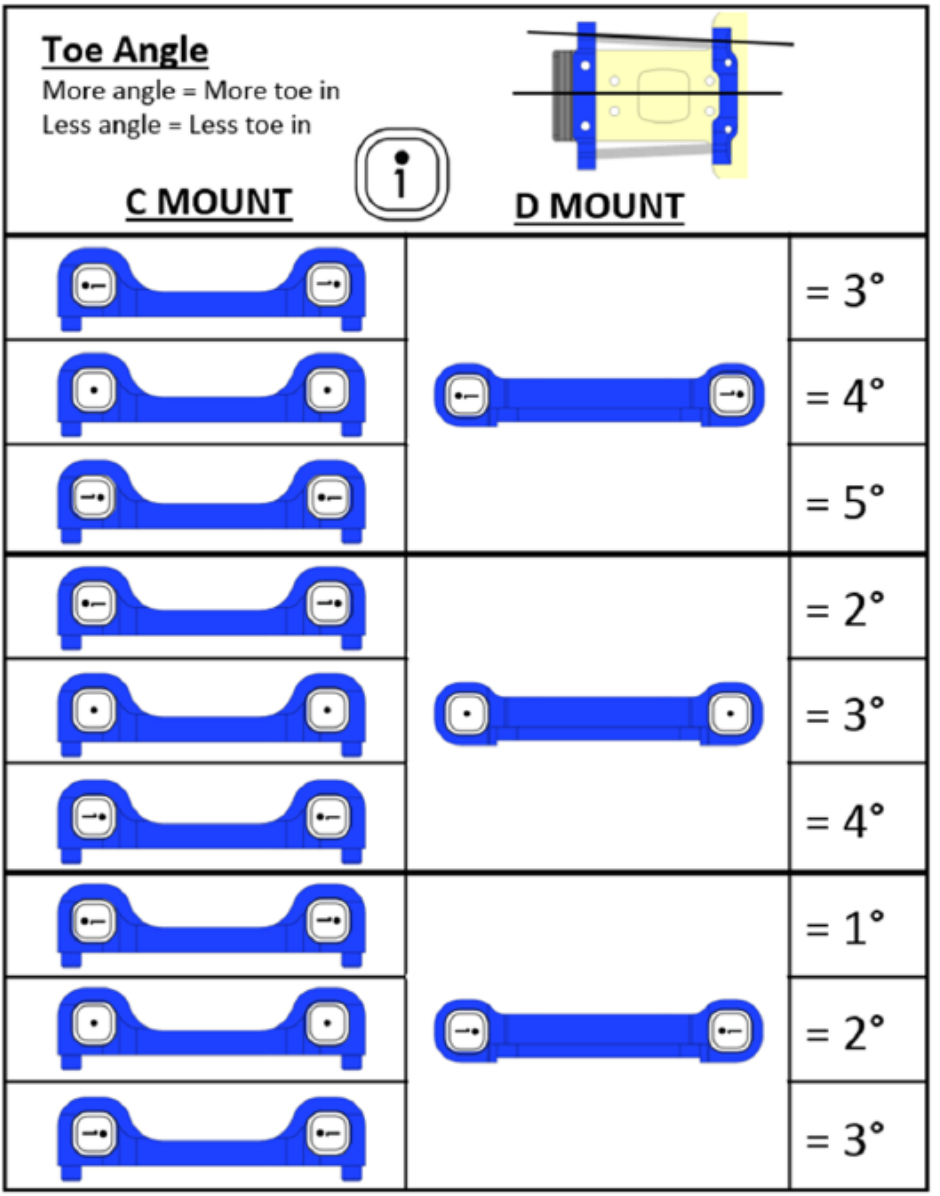


These are some of the possible and most popular toe and anti-squat combinations when using adjustable inserts. The same toe and anti-squat angles can be achieved by using different combinations of inserts but will differ in pin width and height. Take note of these differences when making adjustments.

Toe Angle

More angle = More toe in

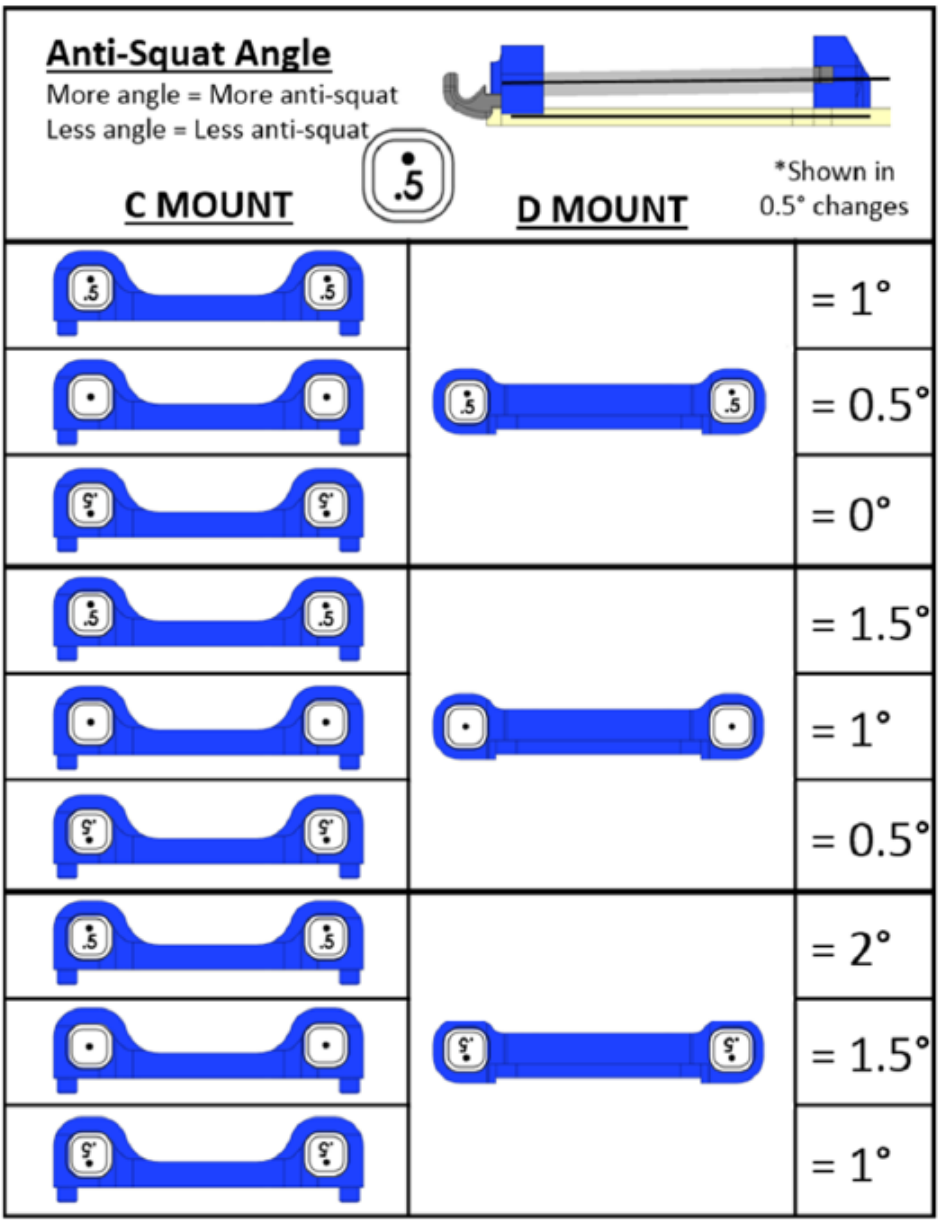
Less angle = Less toe in



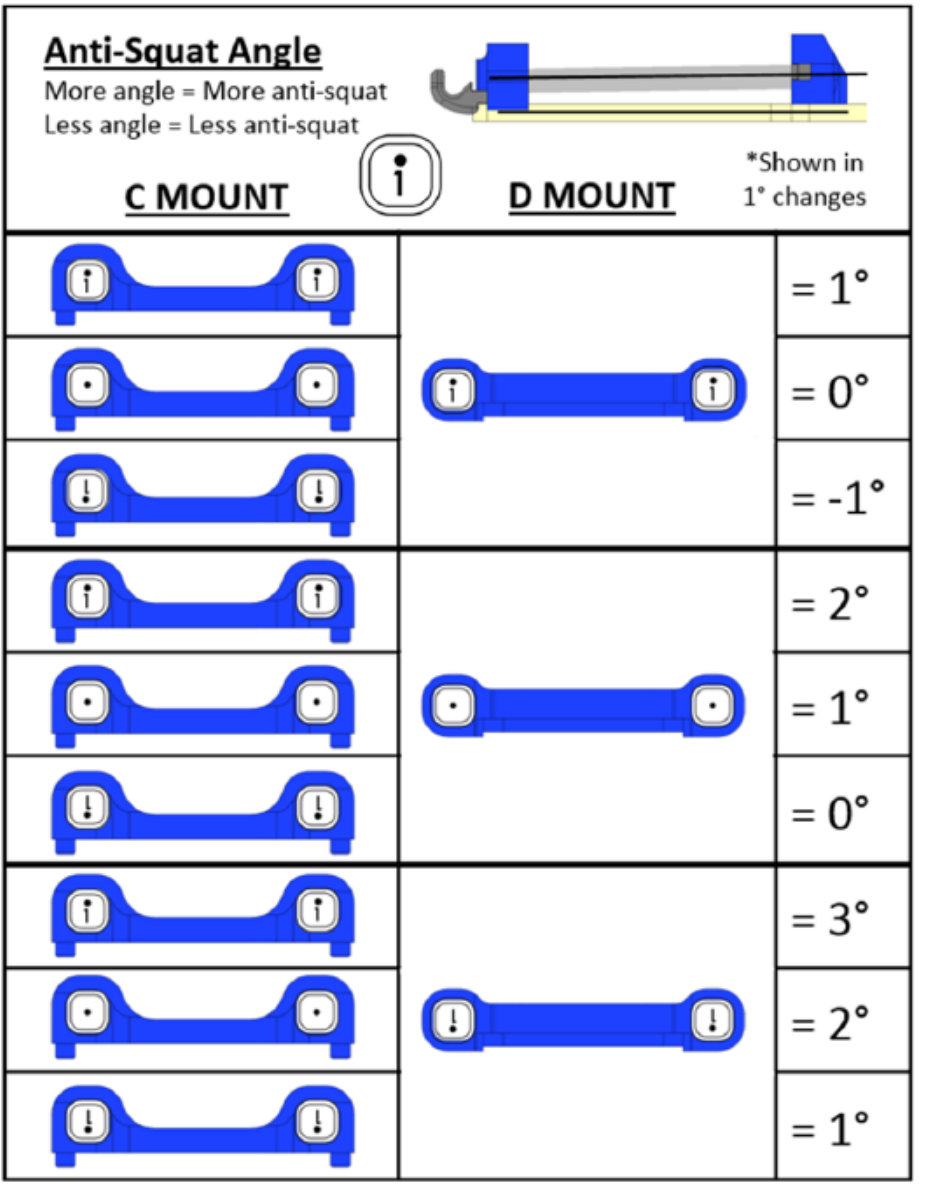
Anti-squat Angle

More angle = More anti-squat

Less angle = Less anti-squat



Anti-squat Angle
More angle = More anti-squat
Less angle = Less anti-squat

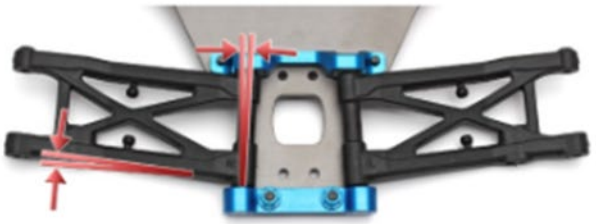


Inboard Toe

lower number ***higher number***

less inboard toe
car rotates better
through corner
less rear grip

more inboard toe
better straight-line
acceleration
more rear grip



The inserts in the arm mount work by changing the angle of the rear arm's rear inner hinge pins that go from the rear arm mount (C) to the rear arm mount (D). As the hinge pins move closer to the center (see above), pivoting at the rear arm mount

Anti-squat, offroad

less anti-squat ***more***

more side traction in corners
more rear traction for slick or bumpy surfaces

less side traction in corners
more rear lift in jumps

Anti-squat denotes the angle of the rear arms relative to the chassis, when looked at from the side.

0 deg. anti-squat means that the rear arms are flat, parallel with the chassis. 2 deg. anti-squat means the front of the rear arms are creating a 2 deg. angle to the chassis.

Anti-squat works the same way on rear-motor and mid-motor vehicles. Check your manual for the standard settings.