FRONT UPPER A-ARMS

Models using this feature:
Honda TRX450
Yamaha YFZ450
Yamaha Raptor 660/700/250
Yamaha Banshee
Suzuki LTR450
Polaris Outlaw 450/525

WHAT DOES IT DO?

Quick Caster is a feature that lets you adjust how easily your ATV will steer. The more caster you add, the stiffer the steering will feel. The less caster you add, the easier the steering will feel. To adjust the settings, there are 2 to 4 black delrin spacers that are supplied to be installed on each of the *front upper* a-arms. The locations of the spacers dictate the caster setting. You won't have to reset the camber once you adjust this like other designs.

DRIVING TYPE

HIGH SPEED DESERT RACING, SAND DUNES, MX TRACKS, CROSS COUNTRY RACING

GENERAL RIDING, MX TRACKS, SAND DUNES, CROSS COUNTRY RACING RECREATIONAL RIDING

TT RACING, TIGHT MX TRACKS

HIGH POSITION
If you want the most control at high speeds over rough terrain to keep the ATV going in a straight line, and lessen the chance of the handlebars popping out of your hands, you want to set the caster in the high position.
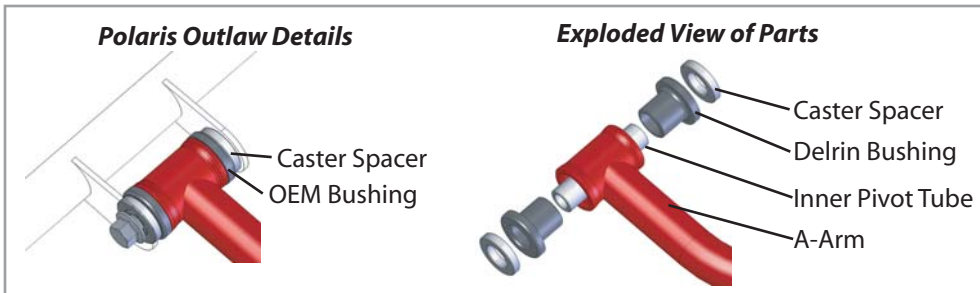
MEDIUM POSITION (like stock)
If you want a little easier steering, and don't need as much control at high speeds over rough terrain, you want to set the caster in the medium position. This position will be used by the majority of riders.

LOW POSITION
If you want the easiest steering possible with the most maneuverability, you want to set the caster in the low position.

Please note, these are just suggestions, each Rider will have different preferences. There is no right or wrong here, its all in how you want your ATV to handle.
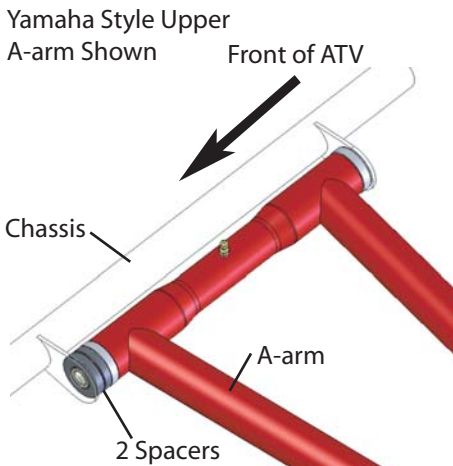
Actual Caster Settings: + or - 1 Degree
(measured at ride height in Degrees)
High: 7 Positive
Medium: 5 Positive (same as factory)
Low: 3 Positive

Polaris Outlaw Details

Caster Spacer
OEM Bushing

Exploded View of Parts

Caster Spacer
Delrin Bushing
Inner Pivot Tube
A-Arm

Below are close up views of the left front upper a-arm mounted to the chassis. The set up shown is a Yamaha Style. Models that have dual a-arm mounts are set up the exact same way (i.e. TRX450), you just have to change the spacers on both the front and back mounts.
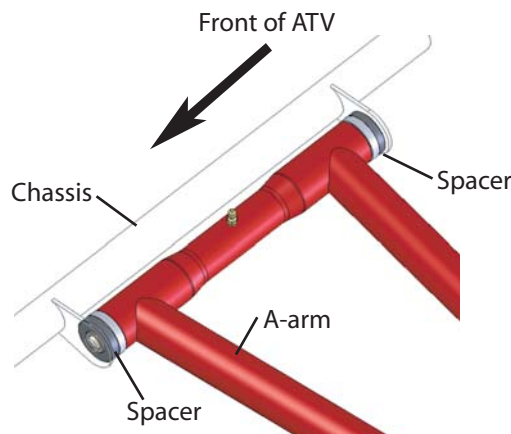
HIGH POSITION
SPACERS TOWARDS FRONT
Yamaha Style Upper A-arm Shown

Front of ATV
Chassis
A-arm
2 Spacers

MEDIUM POSITION
SPACERS FRONT AND REAR

Front of ATV
Spacer
Chassis
A-arm
Spacer

LOW POSITION
SPACERS TOWARDS REAR

Front of ATV
2 Spacers
Chassis
A-arm