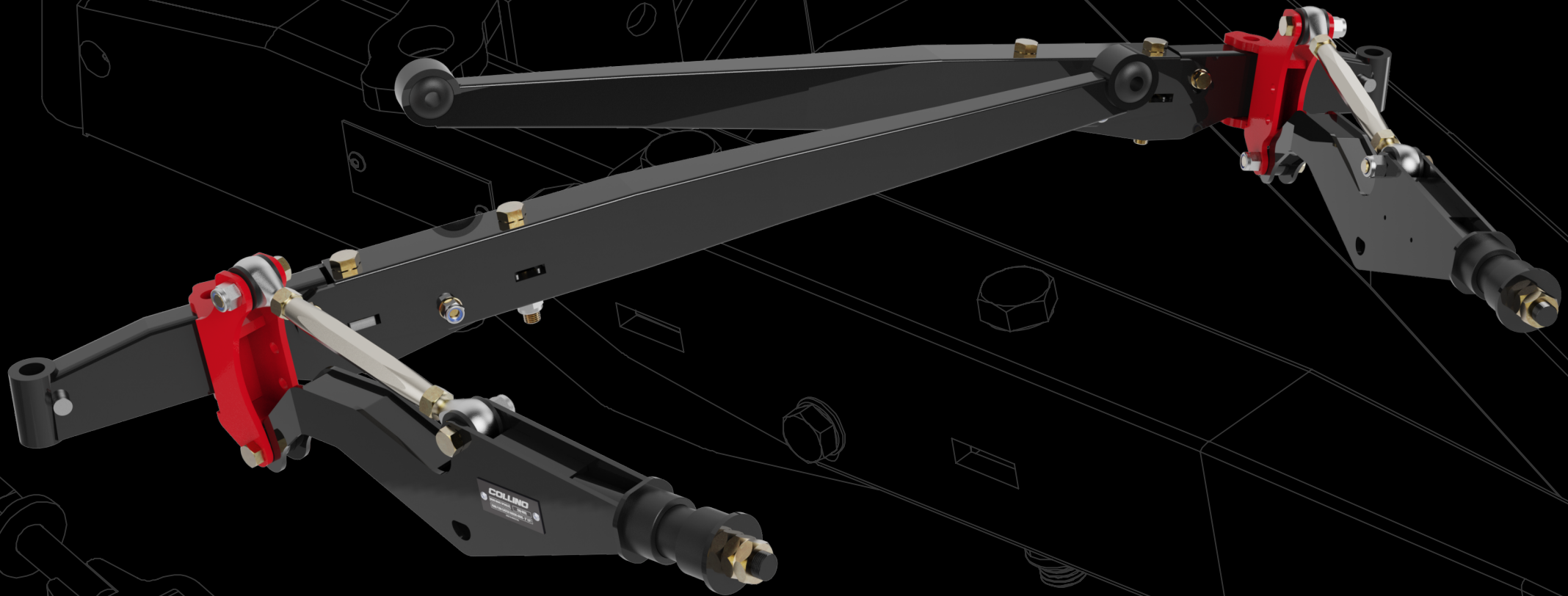


FORD F-100 TWIN I-BEAM 3" LIFT KIT

CBQ-9000-DISC



PRODUCT MANUAL

COLLINO

PRODUCT OVERVIEW

Compatible with Ford F-100 Twin I-Beam front suspension system. Provides 3" of suspension lift while maintaining proper suspension and steering geometry.



SPECIFICATIONS

+3"

100% BOLT-ON

33" TIRES CLEARANCE

CAMBER AND CASTER ADJUSTABLE

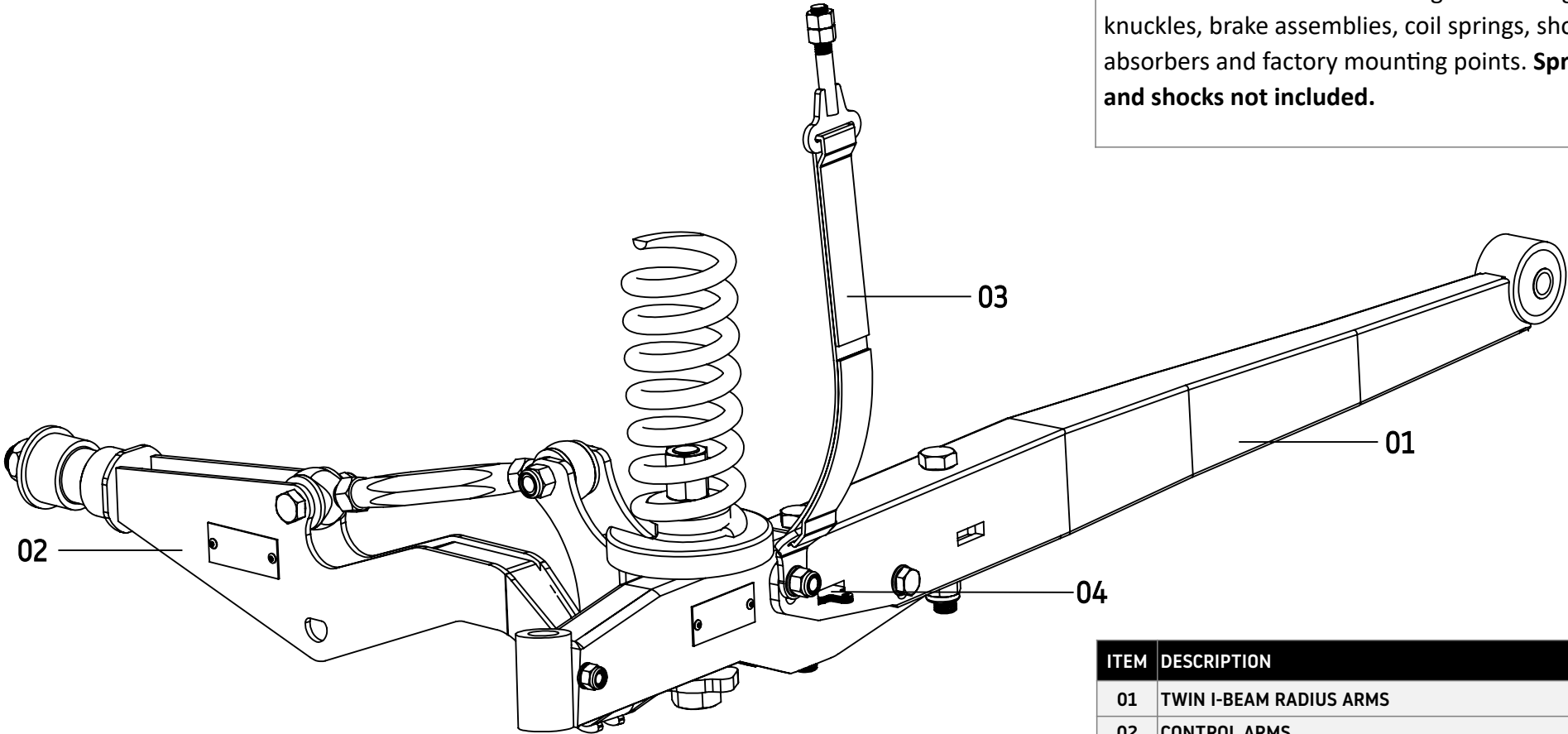
OFF-ROAD TESTED

ENGINEERED IN ARGENTINA - TESTED IN COMPETITION - BUILT FOR THE WORLD

COMPONENT IDENTIFICATION

IMPORTANT !

This kit reuses the vehicle's original steering knuckles, brake assemblies, coil springs, shock absorbers and factory mounting points. **Springs and shocks not included.**



ITEM	DESCRIPTION	QTY
01	TWIN I-BEAM RADIUS ARMS	2
02	CONTROL ARMS	2
03	LIMIT STRAP	2
04	ALIGNMENT SHIM KIT	1
05	INSTALLATION HARDWARE KIT	1
06	CAMBER CORRECTION SHIM WASHERS	8

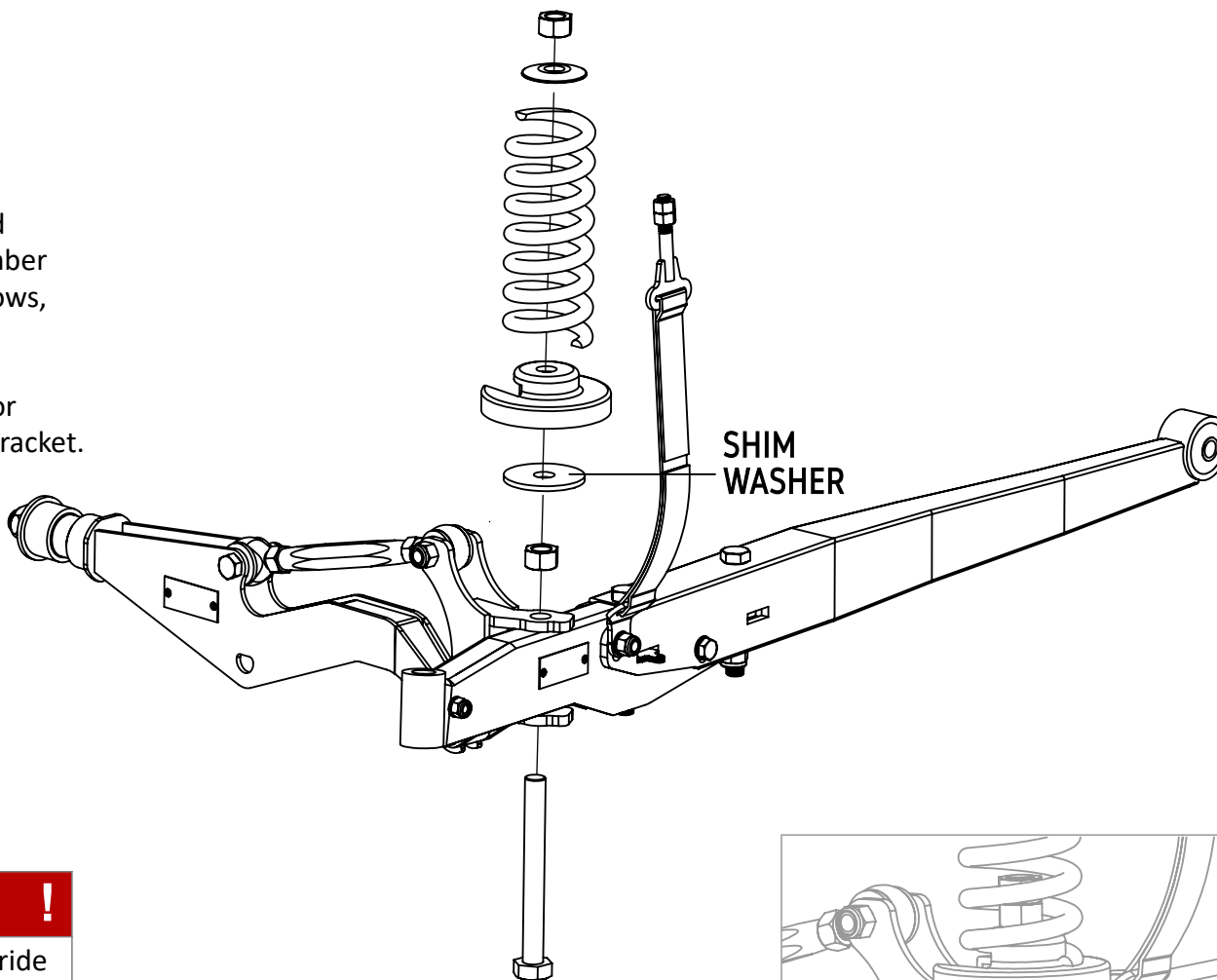
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TECHNICAL NOTE 01

RIDE HEIGHT AND CAMBER CORRECTION

Shim washers are used to level ride height side-to-side and compensate for vehicle variations. Combined with the camber adjustment shims installed in the I-Beam radius arm windows, they allow precise camber correction.

In some applications, the coil spring seat may require minor trimming for proper clearance and fitment within the lift bracket.

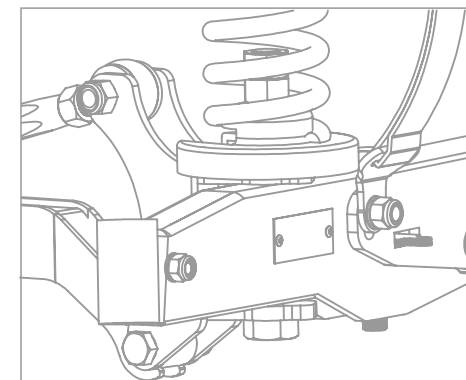


IMPORTANT



Shim washers should only be used to correct side-to-side ride height differences.

Because they also affect camber, a camber adjustment must be performed afterward.



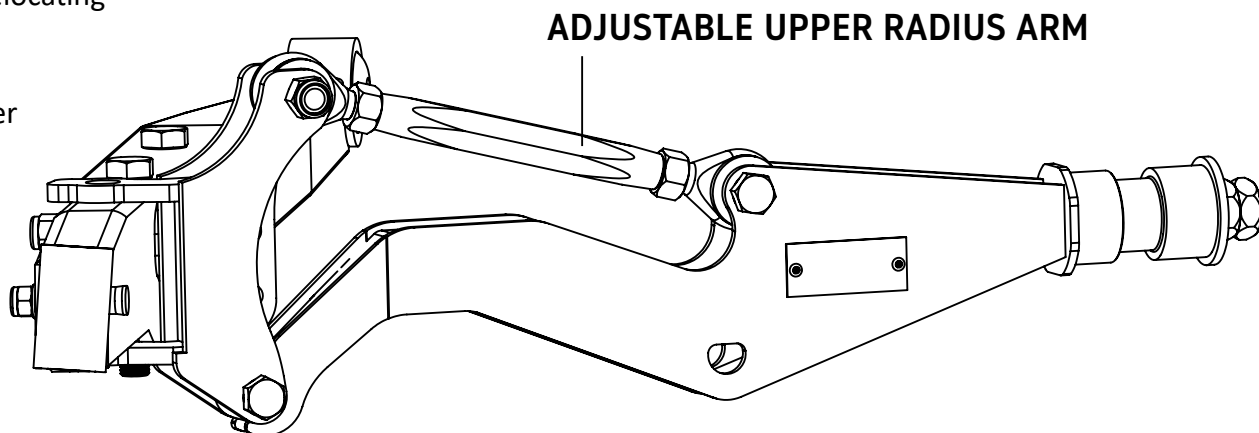
TECHNICAL NOTE 02

CASTER CORRECTION

The control arm geometry has been engineered to maintain proper caster after raising the suspension without relocating frame mounting points.

The adjustable upper radius arm allows precise caster adjustment on each side.

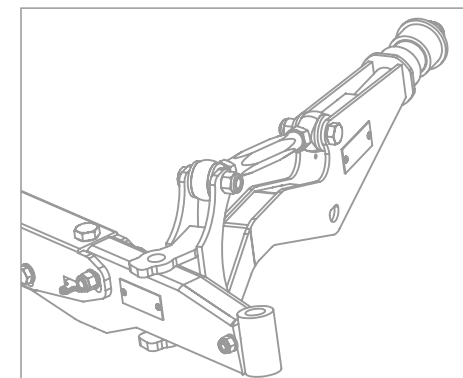
Proper caster settings improve straight-line stability, steering wheel return, braking performance and overall handling.



IMPORTANT



The upper radius arm features right-hand and left-hand threads, allowing quick caster adjustment by simply rotating the adjuster body.



TECHNICAL NOTE 03

CAMBER CORRECTION

Collino I-Beam Radius Arms feature integrated camber adjustment windows that accept calibrated alignment shims. Different shim combinations alter the operating angle between the main radius arm sections, allowing precise camber correction.

The shims are retained by high-strength fasteners designed to maintain adjustment settings even under severe off-road conditions.

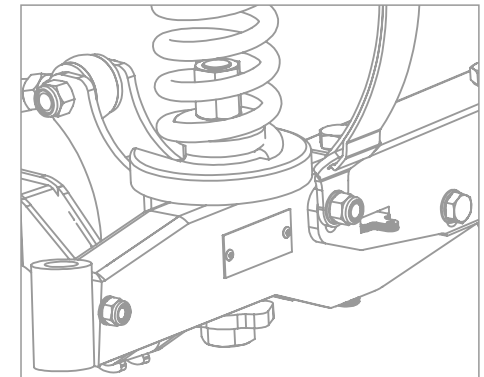
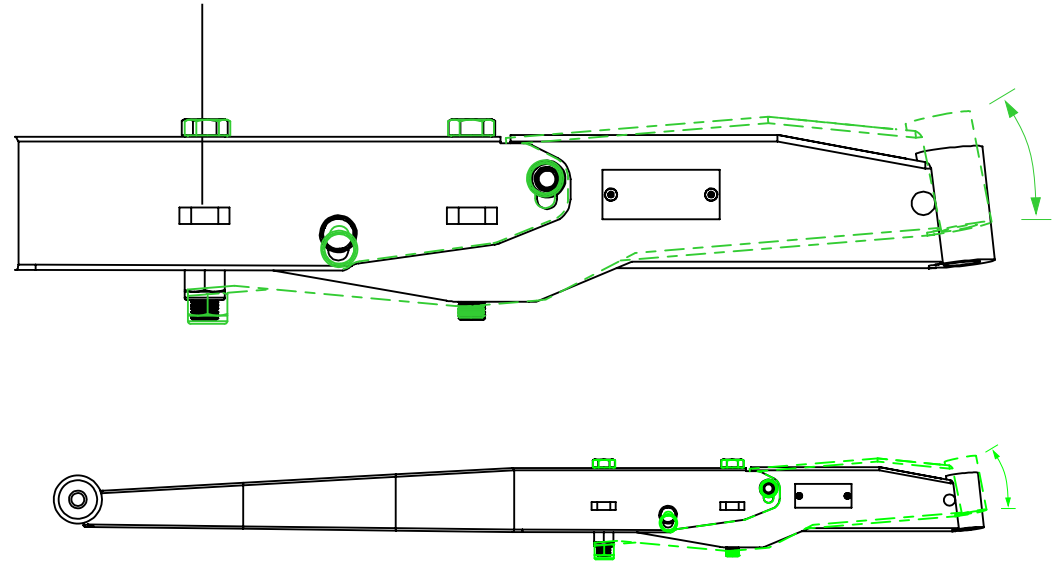
Unlike the factory Ford Twin I-Beam radius arm setup, the Collino design provides a simple, precise, and repeatable camber adjustment process.

IMPORTANT



This system compensates for camber changes resulting from lift springs, spring buckets, spacers, or ride-height modifications. A complete front-end alignment is recommended after any suspension modification.

CAMBER ADJUSTMENT WINDOWS



COMPATIBILITY CHART

VEHICLE	OBSERVATION	YEAR
FORD F-100 ARGENTINA	TWIN I-BEAM - Kingpin-style steering knuckles with bushings - 7/8" KINGPIN	1966 - 1992
FORD F-100 USA	TWIN I-BEAM - Kingpin-style steering knuckles with bushings - 7/8" KINGPIN	1965 - 1979
FORD F-250 (IN SOME APPLICATIONS)	TWIN I-BEAM - Kingpin-style steering knuckles with bushings - 7/8" KINGPIN	1965 - 1979
For 1.054" Kingpin applications, use Collino Kit CBQ-9100-DISC		

COMPATIBLE CONFIGURATIONS

COMPONENT
Compatible with original Ford F-100 USA and Argentine-built steering knuckles (Kingpin 7/8").
Compatible with factory drum brakes and OEM-style disc brake knuckles.
Compatible with wheel and tire combinations up to 33".
Compatible with factory shock absorbers and coil springs.

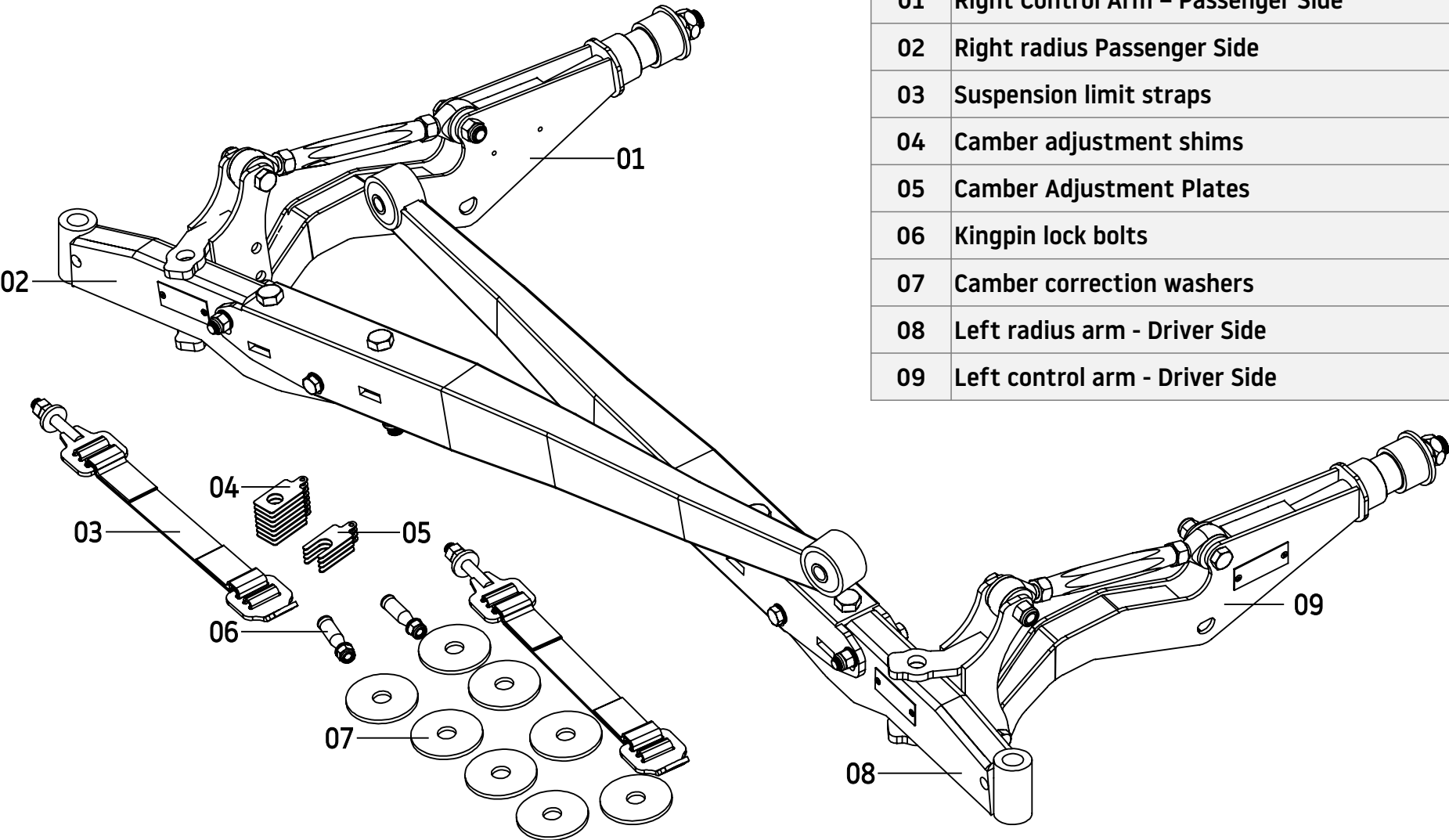
ALIGNMENT SPECIFICATIONS

ITEM	SPECIFICATION	VALUE
01	CASTER	2.8° to 3.2°
02	CAMBER	0° to -0.2°
03	TOE	0°
04	RIDE HEIGHT	ADJUST USING SHIM WASHERS
05	MAXIMUM SIDE-TO-SIDE VARIATION	0.3°
A complete front-end alignment is mandatory after installation and should be rechecked after the first 600 miles.		

RECOMMENDED TORQUE SPECIFICATIONS

ITEM	SPECIFICATION	VALUE
01	5/8" Grade 8 Fasteners	120 Nm
02	1/2" Grade 8 Fasteners	100 Nm
03	3/8" Grade 8 Fasteners	45 Nm
04	5/16" Grade 8 Fasteners	25 Nm
05	Kingpin Lock Bolt	30 Nm
Torque values apply to clean, dry SAE fasteners. Lubricants or thread-locking compounds may affect final torque requirements.		

PARTS BREAKDOWN



ITEM	DESCRIPTION	QTY
01	Right Control Arm – Passenger Side	01
02	Right radius Passenger Side	01
03	Suspension limit straps	02
04	Camber adjustment shims	08
05	Camber Adjustment Plates	04
06	Kingpin lock bolts	02
07	Camber correction washers	08
08	Left radius arm - Driver Side	01
09	Left control arm - Driver Side	01

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WARRANTY

Collino products are warranted against defects in materials and workmanship for a period of 90 days from the original purchase date.

Warranty coverage applies only to the original purchaser and is non-transferable.

TERMS

This warranty covers manufacturing defects in materials and workmanship only when identified during normal product use and within the applications recommended by Collino.

To initiate a warranty claim, proof of purchase must be provided and the product must be made available for technical inspection and evaluation by Collino.

EXCLUSIONS

The warranty does not cover:

- Improper installation.
- Misuse or operation outside intended applications.
- Unauthorized modifications or repairs.
- Accidents, impacts, or external damage.
- Corrosion, contamination, or extreme environmental exposure.
- Normal wear and tear.

Products used in racing, extreme off-road applications, or severe-duty service may require more frequent inspection and maintenance.

TECHNICAL SUPPORT

Return and replacement policies are available on our website.
For technical assistance or warranty support, please contact:

sales@collino.com.ar
www.collino.us

IMPORTANT



Installation must be performed by qualified personnel.
Improper installation may affect vehicle safety, performance, and warranty coverage.

LIABILITY LIMITATIONS, OFF-ROAD USE DISCLAIMER, AND LEGAL NOTICE

This product is designed, manufactured, and intended primarily for off-road use, competition use, custom vehicle applications, and other specialized uses where vehicle modifications are commonly performed.

Vehicle modifications involving suspension, steering, braking, chassis, drivetrain, or other critical systems may affect vehicle handling, stability, braking performance, safety, regulatory compliance, and suitability for operation on public roads. The purchaser, owner, installer, and operator assume all risks associated with the installation and use of this product.

Collino shall not be liable for installation costs, removal costs, transportation expenses, vehicle downtime, loss of vehicle use, towing charges, labor charges, storage fees, incidental damages, consequential damages, economic losses, loss of profits, property damage, vehicle damage, personal injury, bodily injury, disability, death, or any other direct or indirect damages arising from the installation, use, misuse, maintenance, modification, inspection, failure, or inability to use any product manufactured or sold by Collino.

The purchaser, owner, installer, and operator expressly assume full responsibility for the installation, inspection, maintenance, operation, and safe use of the vehicle and all components installed thereon. It is solely the responsibility of the vehicle owner and operator to determine whether the vehicle, its modifications, and its intended use comply with all applicable federal, state, county, provincial, and local laws, regulations, inspection requirements, registration requirements, safety standards, and road-use regulations.

Any use of this product on vehicles operated on public roads, highways, streets, or other regulated areas shall be solely at the risk and responsibility of the vehicle owner and operator. Collino makes no representation, warranty, certification, approval, or claim that a vehicle modified with this product is legal for on-road use in any jurisdiction.

In certain jurisdictions, government agencies, inspection authorities, insurance providers, engineering professionals, or regulatory bodies may require vehicle inspections, engineering evaluations, certifications, approvals, or other forms of compliance verification. Any such certification or approval applies to the completed vehicle as a whole and not to any individual component supplied by Collino.

Accordingly, Collino does not provide vehicle certification, engineering approval, homologation, roadworthiness certification, inspection approval, legal compliance certification, or governmental authorization of any kind for modified vehicles. However, upon request from a licensed engineer or qualified professional responsible for evaluating the vehicle, Collino may provide available technical information regarding its products, including engineering drawings, specifications, dimensions, material information, and technical data relating to components used within the assembly, including suspension parts, steering components, hubs, bearings, brake rotors, hardware, and associated components.

Responsibility for vehicle certification, registration, inspection approval, legal compliance, roadworthiness, and lawful operation shall remain solely with the vehicle owner and the licensed professional responsible for evaluating the completed vehicle.

Collino's sole obligation and liability shall be limited exclusively to the repair or replacement of a defective product or component, at Collino's sole discretion. By purchasing, installing, or using any Collino product, the purchaser, owner, installer, and operator acknowledge and accept all risks associated with vehicle modification and agree to the limitations of liability set forth herein.

WARNING

THIS PRODUCT IS INTENDED PRIMARILY FOR OFF-ROAD USE. THE OWNER, INSTALLER, AND OPERATOR ASSUME ALL RESPONSIBILITY FOR THE LEGALITY, SAFETY, INSTALLATION, OPERATION, AND USE OF THE VEHICLE AND ALL MODIFICATIONS PERFORMED THEREON.