



**PERFORMANCE SHOCK
TECHNOLOGY**



**2010
Edition**





Ride Height Measurement

This measurement is taken at the shock mounting points with wheels on the ground, loaded with fuel, tools etc. to simulate normal driving conditions.

Shock Replacement Fitment Tips for Lowered, Straight Axle and Coilover Applications

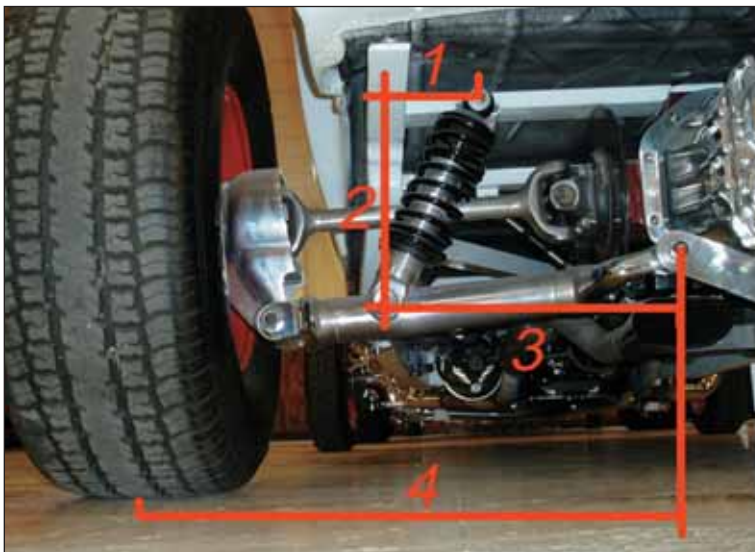
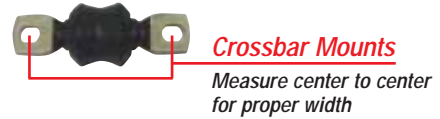
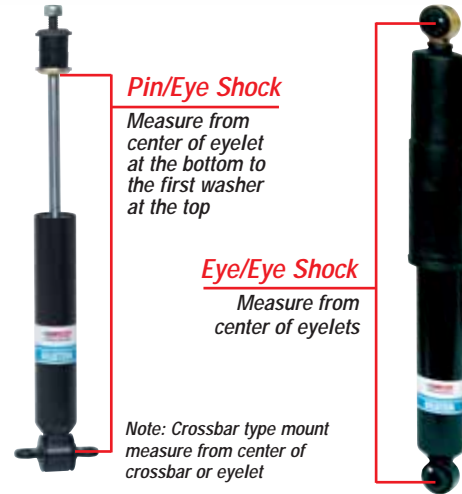
- 1) Shock Mounting Type: Eye/Eye, Pin/Eye etc.
- 2) Crossbar Measurement (If Applicable)
- 3) Independent or solid axle suspension
- 4) Ride Height Measurement: This should be done with vehicle on the ground and loaded with fuel, tools etc.
- 5) Sleeve Size or Crossbar width (center to center)



Air Ride Fitment Tips

- 1) Shock mounting type: Eye/Eye, Pin/Eye
- 2) Independent or solid axle suspension
- 3) Ride Height measurement on the shocks (see first photo at top)
- 4) Collapsed Height, taken same as step #3 but bags are dumped

Note: vehicle should not rest on shocks



Coilover Independent Applications

IRS & IFS Made Easy

Take these 4 measurements, consult our chart, answer a few simple questions and you're on the way to a BETTER RIDE!

- 1) Shock angle in degrees
- 2) Ride height
- 3) Pivot point to center of lower shock mount
- 4) Pivot point to center of wheel

This page is designed to help with fitment questions, in a condensed form. If you require more assistance, please call 619-588-4723, Ext. 109 or email: info@rcdclassics.com. Go to racecardynamics.com for more useful information on fitment for these applications.

Every effort has been made to reduce errors in our catalogs and / or price sheets. Race Car Dynamics, Inc. cannot and will not be responsible for misprints or typographical errors. Please consult our application guide and a dealer for specific and important product fitment information prior to purchase.

RCD Classic Shocks - Application Guide



Stock & Lowering Shock Absorbers

Classics, Gennies and Muscle Cars are a big part of what we do at RCD. RCD Bilstein Shocks are one of the quickest and most cost effective ways to dramatically improve handling and ride quality of a vehicle. If your application is not listed, call. Our line is constantly expanding with new applications.



The 4 Pack by RCD is designed to make ordering shocks for your car or truck a snap, with an easy

order, direct fit application system. It's simple, just order one part number, and you get 4 custom tuned, direct fit Bilstein Monotube Shock Absorbers for the front and rear of your truck, SUV or muscle car.



Buick

Year	Make/Model	Front	Rear	Color	4 Pack
1959-60	Buick Le Sabre	55-R015	55-R013	Black	70-51055
1956-57	Special	55-R103	55-R112	Black	70-51056
1958	Full-Size (exc. air)	55-R170	55-R172	Black	70-51258
1961-63	Skylark, Special	55-R072	55-R073	Black	70-51061
1963-65	Riviera	55-R101	55-R132	Black	70-51963
1963-65	Riviera (lowered rear)		55-R102	Black	
1964-67	Skylark, Special	55-R021	55-R022	Black	70-51064
1965-70	Full-Size / Electra	55-R027	55-R069	Black	70-51265
1966-70	Riviera	55-R027		Black	
1968-72	Skylark, Special	55-R024B	55-R022	Black	70-51068
1970	Station Wagon	55-R027	55-R023	Black	70-51270
1971-78	Riviera	55-R015B	55-R022	Black	70-51071
1971-81	Electra / Park Ave.	55-R015B	55-R022	Black	70-51071
1973-77	Century	55-R012B	55-R022	Black	70-51073
1973-87	Regal / Grand National / GNX	55-R012B	55-R022	Black	70-51073
1991-96	Roadmaster	55-R015B	55-R022	Black	70-51071

Chevrolet

Year	Make/Model	Front	Rear	Color	4 Pack
1949-54	Bel Air/Full-Size	55-R036	55-R013	Black	70-51049
1953-62	Corvette	55-R036	55-R039	Black	70-51053
1955-57	Bel Air/Full-Size	55-R015	55-R013	Black	70-51055
1958-64	Bel Air/Full-Size	55-R090	55-R091	Black	70-51058
1962-67	Nova	55-R118	55-R018B	Black	70-51062
1963-82	Corvette	55-R140	55-R028	Yellow	70-51063
1964-67	Chevelle	55-R021	55-R022	Black	70-51064
	Big Block Engine Front	55-R044B	55-R022	Black	70-51094
1964-67	El Camino	55-R021	55-R022 (3)	Black	70-51064
1965-70	Impala/Full Size	55-R025B	55-R023	Black	70-51065
1967-69	Camaro - Mono Leaf	55-R016	55-R017B (1)	Black	70-51067
1967-69	Camaro - Multi Leaf	55-R016	55-R018B (2)	Black	70-51167
1968-72	Chevelle	55-R024B	55-R022	Black	70-51068
	Big Block Engine	55-R044C	55-R022	Black	70-51094
1968-72	El Camino	55-R024B	55-R022 (3)	Black	70-51068
1968-72	Nova	55-R024B	55-R031B	Black	70-51968
1970-72	Monte Carlo	55-R024B	55-R022	Black	70-51068
1970-76	Camaro	55-R016	55-R019	Black	70-51070
1971-81	Impala/Full Size	55-R025B	55-R023	Black	70-51065
1973-77	El Camino	55-R012B	55-R022 (3)	Black	70-51073
1973-78	Nova	55-R024B	55-R031B	Black	70-51968
1973-83	Chevelle	55-R012B	55-R022	Black	70-51073
1973-88	Monte Carlo	55-R012B	55-R022	Black	70-51068
1977-81	Camaro	55-R044	55-R019	Black	70-51077
1994-96	Impala SS	55-R044	55-R022	Black	70-51094

RCD Classic Shocks - Application Guide



Chevrolet Trucks 2wd

Year	Make/Model	Front	Rear	Color	4 Pack
1947-54	C	55-R110	55-R111	Black	70-51347
1947-54	C - Lowered	55-R108 (4)	55-R109 (4)	Black	70-51647
1955-56	C Series	55-R042	55-R146	Black	70-51355
1957-59	C3100	55-R145	55-R146	Black	70-51357
1957-59	C3100 Lowered	55-R068	55-R145	Black	70-51657
1960-62	C10	55-R068	55-R148	Black	70-51360
1963-66	C	55-R033	55-R042	Black	70-51367
1967-72	C10 - (Leaf Spring Rear)	55-R033	55-R042	Black	70-51367
1967-72	C10 - (Coil Spring Rear)	55-R033	55-R034	Black	70-51267
1973-86	C10	55-R033	55-R117	Black	70-51373
1988-98	C1500 - Lowered (4" frt/6" rear)	55-R105 (5)	55-R135 (6)	Black	70-61288
1999-2007	C1500 - Lowered (4" frt/6" rear)	55-R105 (5)	55-R136 (6)	Black	70-61299

Chevrolet Trucks 4wd

Year	Make/Model	Front	Rear	Color	4 Pack
1969-72	K10	55-R145	55-R146	Black	70-51369
1973-86	K10	55-R145	55-R117	Black	70-51373

Chrysler/Dodge/Plymouth

Year	Make/Model	Front	Rear	Color	4 Pack
1939-50	Plymouth	55-R116	55-R145	Black	70-56039
1962	Dart, Demon, Swinger (A)	55-R081	55-R093	Black	70-56065
1962-64	Fullsize (D)	55-R081	55-R093	Black	70-56065
1963-76	Dart, Demon, Swinger (A)	55-R081	55-R092	Black	70-56063
1964-69	Baracuda (A)	55-R081	55-R092	Black	70-56063
1965-69	Fullsize (D)	55-R097	55-R093	Black	70-56265
1965-72	Coronet, Charger (B)	55-R081	55-R093	Black	70-56065
1970-74	Baracuda (E)	55-R081	55-R093	Black	70-56065
1970-74	Challenger (E)	55-R081	55-R092	Black	70-56063
1965-73	Polara (C)	55-R097	55-R093	Black	70-56265
1973-79	Charger, Cordoba (B)	55-R098	55-R093	Black	70-56073

FOOTNOTE: (Letter represents Platform ID Code)

Dodge Truck 1/2 Ton 2wd

Year	Make/Model	Front	Rear	Color	4 Pack
1939-50	1/2 Ton	55-R145	55-R145	Black	70-56339

Ford

Year	Make/Model	Front	Rear	Color	4 Pack
1947-48	Full Size w/Factory Shocks	55-R068	55-R037	Black	70-52047
1949-51	Custom / Full Size	55-R036	55-R037	Black	70-52249
1952-56	Custom Line / Skyliner / Full Size	55-R130	55-R133	Black	70-52155
1955-57	Thunderbird	55-R130	55-R133	Black	70-52155
1955-57	Thunderbird Lowered Sport	55-R036	55-R035	Black	70-52055
1957-59	Custom / Fairlane / Full Size	55-R015B	55-R035	Black	70-52057
1957-59	Custom Station Wagon	55-R015B	55-R128	Black	70-52459
1959-60	Thunderbird	55-R015B	55-R121	Black	70-52059
1960-64	Galaxie / Full Size	55-R038	55-R039	Black	70-52259
1960-70	Falcon	55-R047	55-R035	Black	70-52066
1961-62	Thunderbird	55-R120	55-R035	Black	70-52061
1963	Thunderbird	55-R114	55-R035	Black	70-52063
1964-66	Mustang Street	55-R054	55-R056	Black	70-52064
	SPORT VALVE (front)	55-R083	55-R056	Black	70-52164
	RACE VALVE (front)	55-R085	55-R056	Black	70-52564
1964-66	Thunderbird	55-R039	55-R115	Black	70-52264
1965-70	Galaxie / Full Size	55-R015B	55-R013	Black	70-52265
1966-70	Fairlane	55-R047	55-R035	Black	70-52066
1966-70	Fairlane Station Wagon	55-R047	55-R039	Black	70-52266
1967-70	Mustang Street	55-R057	55-R056	Black	70-52067
	SPORT VALVE (front)	55-R083-1	55-R056	Black	70-52167
	RACE VALVE (front)	55-R085-1	55-R056	Black	70-52567
1969-77	Maverick	55-R057	55-R113	Black	70-52069
1971-82	Galaxie	55-R015B	55-R013	Black	70-52265

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Ford (cont)

Year	Make/Model	Front	Rear	Color	4 Pack
1974-78	Mustang II	55-R050		Black	
1972-79	Ranchero	55-R038	55-R039	Black	70-52259
1960-65	Ranchero	55-R047	55-R035	Black	70-52066
1966-71	Ranchero	55-R047	55-R039	Black	70-52166

Ford Truck 1/2 Ton 2wd - F Series

Year	Make/Model	Front	Rear	Color	4 Pack
1948-55	F100	55-R145	55-R145	Black	70-52348
1956	F100	55-R145	55-R026	Black	70-52356
1957-60	F100	55-R035	55-R026	Black	70-52357
1961-64	F100	55-R122	55-R123	Black	70-52361
1965-69	F100	55-R124	55-R125	Black	70-52365
1970-79	F100	55-R126	55-R127	Black	70-52370
1980-84	F100	55-R150	55-R151	Yellow	70-52380
1985-96	F150	55-R150	55-R152	Yellow	70-52385

Ford Truck 1/2 Ton 4wd

Year	Make/Model	Front	Rear	Color	4 Pack
1967-77	Bronco	55-R155	55-R159	Zinc	70-52467

Mercury/ Lincoln

Year	Make/Model	Front	Rear	Color	4 Pack
1949-51	Fullsize / Passenger Car	55-R036	55-R037	Black	70-52249
1949-51	Continental	55-R035	55-R182	Black	70-52149
1952-54	Monterey / Full Size	55-R130	55-R133	Black	70-52155
1955-56	Monterey / Full Size	55-R036	55-R026	Black	70-52255
1957-58	Monterey / Full Size	55-R015B	55-R035	Black	70-52057
1961-63	Continental	55-R178	55-R182	Black	70-52161
1964-69	Continental	55-R178	55-R179	Black	70-52364
1965-70	Monterey / Montclair / Full Size	55-R015B	55-R013	Black	70-52265
1967-70	Cougar	55-R057	55-R056	Black	70-52348

Pontiac

Year	Make/Model	Front	Rear	Color	4 Pack
1949-57	Catalina / Chieftain / Full Size	55-R036	55-R069	Black	70-51249
1961-62	Bonneville / Catalina	55-R025B	55-R064	Black	70-51261
1963-64	Bonneville / Catalina / Full Size	55-R025B	55-R023	Black	70-51263
1963-64	Grand Prix	55-R025B	55-R022	Black	70-51963
1964-67	GTO, LeMans	55-R021	55-R022	Black	70-51064
1965-68	Grand Prix	55-R025B	55-R069	Black	70-51965
1965-70	Bonneville / Catalina / Full Size	55-R025B	55-R069	Black	70-51265
1967-69	Firebird - Mono Leaf	55-R016	55-R017B (1)	Black	70-51167
1967-69	Firebird - Multi Leaf	55-R016	55-R018B (2)	Black	70-51070
1968-72	GTO, LeMans	55-R012B	55-R022	Black	70-51068
1969-72	Grand Prix	55-R024B	55-R022	Black	70-51969
1970-76	Firebird	55-R016	55-R019	Black	70-51070
1971-75	Grand Ville	55-R025B	55-R023	Black	70-51261
1971-81	Catalina	55-R025B	55-R023	Black	70-51261
1973-81	GTO, LeMans	55-R012B	55-R022	Black	70-51073
1973-87	Grand Prix	55-R012B	55-R022	Black	70-51068
1977-81	Firebird	55-R044	55-R019	Black	70-51077

Studebaker

Year	Make/Model	Front	Rear	Color	4 Pack
1950	Champion	55-R036		Black	
1951-56	All	55-R036	55-R146	Black	70-52051

FOOTNOTES:

- (1) Mono leaf mounts stem/eyelet
- (2) Multi leaf mounts stem/cantilever bolt
- (3) Shock does not replace factory air shock, OK with lowering springs
- (4) To ensure proper fit measure installed height on shock see fitment page 2.
- (5) Application, 2" Spindle with 1" spring
- (6) Shackle/Hanger, if using a flip kit, ride height measurement may be necessary
- (7) Lower control arm must be clearanced to install.

If your vehicle is not listed, lowered, raised or not sure what shock to use, refer to our Fitment Page on the inside front cover for how to measure, check out our website or give us a call at 866.447.8335, Ext. 109.

Shocks By Length



Looking for a shock, but don't have a standard application? Below are just a few of the popular shocks we offer. If you don't find the one you need don't give up, just call. There are many more available. FOR HELP with questions on how to properly measure a shock, go to the **INSIDE BACK COVER**.



Length Coll/Ext	Mounted Length *	Description	Mount Upper	Mount Lower	Part #	Finish
8.27-12.20"	10.3-11"	Front IFS/Heavy Duty	Pin	Eyelet-7/16" Sleeve	55-R097	Black
9-14.8"	11-12.5"	Front IFS/Heavy Duty	Pin	Eyelet-5/8" Sleeve 1/2" ID sleeve incl.	55-R041	Black
10.9-17.3"	13-15.5"	Rear Standard Axle	Pin	Eyelet-5/8"	55-R026	Black
9-13.25"	10.75-11.5"	Front IFS/Heavy Duty	Eyelet-5/8" Rubber 1/2" ID sleeve incl.	Eyelet-7/16" Sleeve 1/2" ID sleeve incl.	55-R116	Black
9.8-14.6"	12-13.5"	Parallel Leaf, Light Duty	Eyelet-7/16" Sleeve	Eyelet-5/8" Sleeve	55-R046	Yellow
9.8-14.6"	12-13.5"	Parallel Leaf (coupe, sedan)	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" ID sleeve incl.	55-R067	Black
9.8-14.6"	12-13.5"	Parallel Leaf, Heavy Vehicles, Wagon, Woodie	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" ID sleeve incl.	55-R068	Black
9.8-14.6"	12-13.5"	IFS/IRS, popular on air suspensions	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Sleeve	55-R060	Black
12-18.5"	14-17"	Rear Leaf Spring 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber	55-R145	Black
12-18.5"	14-17"	Rear/Air	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" sleeve incl.	55-R080	Black
13.1-20.5"	15-18"	Rear/Air, Coil Spring	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" sleeve incl.	55-R032	Black
14.2-22.7"	16.5-20"	Front/Rear Leaf Spring	Eyelet-5/8" Rubber 1/2" sleeve incl.	Eyelet-5/8" Rubber 1/2" sleeve incl.	55-R146	Black

*Mounted length is suggested, if you have a specific question on set up, call.

A common mistake is to match a shock by length and mounting configuration. At RCD Classics, we go a step further and look at the application it will be going on, leaf spring, coil spring, IFS, IRS or standard axle; giving you not only a better shock but one that is configured for the vehicle.



Did you know? On a Mustang II front suspension the shock absorber is both the compression and rebound limiter. These suspensions also have a limited amount of travel, so the shock must react instantly to control suspension movements. There is no better Mustang II shock available than a Bilstein.

Mustang II Front Shock

Length Coll/Ext	Description	Mount Upper	Mount Lower	Part #	Finish
8-11.2"	Mustang II Front	Pin	7/16" x 3.39"	55-R050	Black



Straight / Dropped Axle Applications



Designed Specifically for Solid Axle applications for Superior Comfort and Control

Now also available in Chrome with Chrome Covers, Black and Black with Black Covers.

Length Coll/Ext	Mounted Length	Mount Upper	Mount Lower	Description	Part #	Finish
8.5-11.8"	10.3-11"	Polyurethane bushing, 7/16" ID Sleeve	Polyurethane Bushing, 5/8" ID Sleeve	Chrome No Cover	55-R048	Chrome
				Chrome With Chrome Cover	55-R048C	Chrome
				Black No Cover	55-R048B	Black
				Black With Black Cover	55-R048BC	Black
9.3-13.1"	11-12"	Polyurethane bushing, 7/16" ID Sleeve	Polyurethane Bushing, 5/8" ID Sleeve	Chrome No Cover	55-R051	Chrome
				Chrome With Chrome Cover	55-R051C	Chrome
				Black No Cover	55-R051B	Black
				Black With Black Cover	55-R051BC	Black
9.8-14.6"	12-13.5"	Polyurethane bushing, 7/16" ID Sleeve	Polyurethane Bushing, 5/8" ID Sleeve	Chrome No Cover	55-R049	Chrome
				Chrome With Chrome Cover	55-R049C	Chrome
				Black No Cover	55-R049B	Black
				Black With Black Cover	55-R049BC	Black

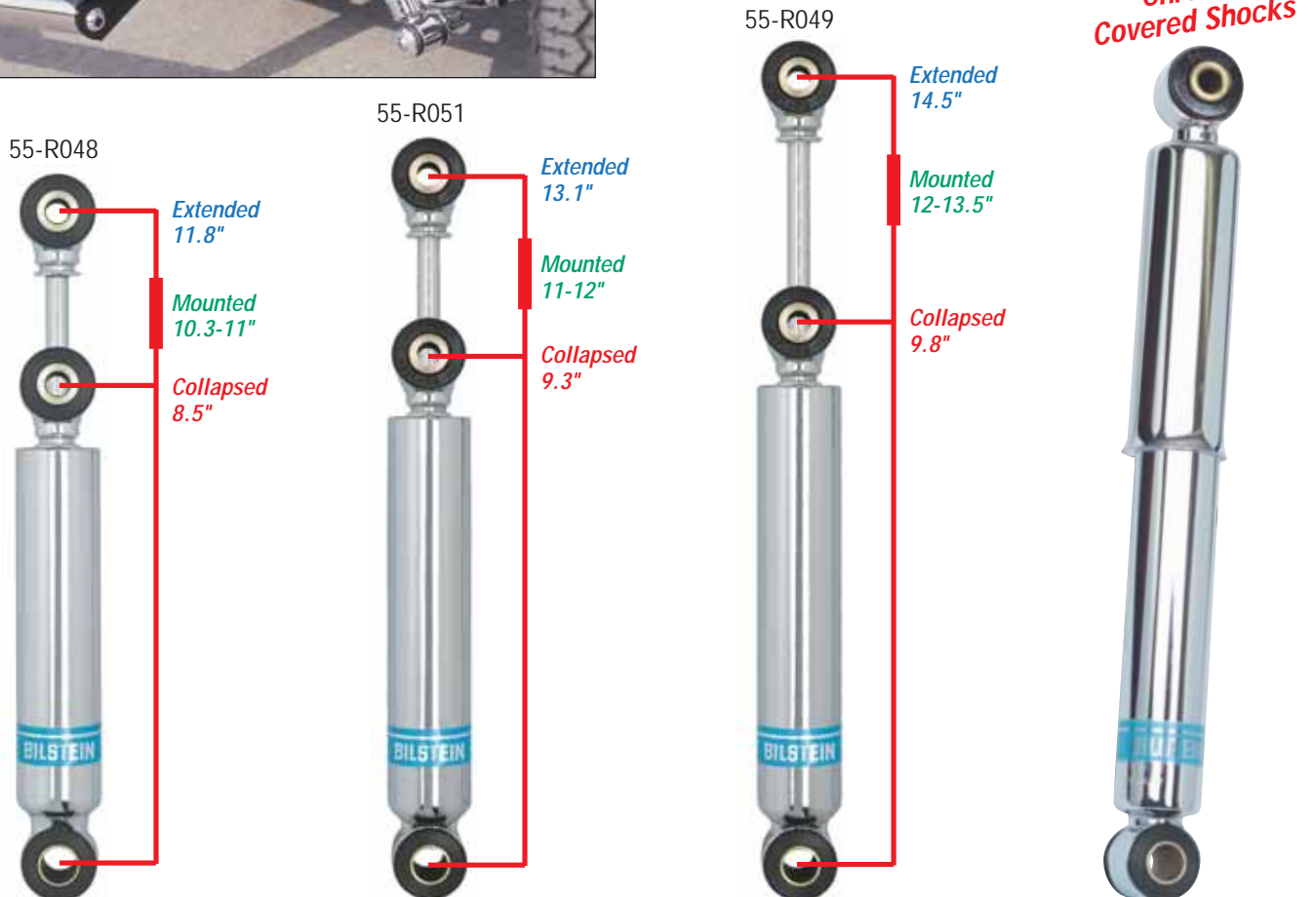


Optional Sleeve Sizes

Size	Part #
Sleeve .75"OD x 7/16"ID x 1.50"L	11-16764
Sleeve .75"OD x 1/2"ID x 1.50"L	11-16751
Sleeve .75"OD x 9/16"ID x 1.50"L	57-055
Sleeve .75"OD x 5/8"ID x 1.50"L	57-056



Also Available
Chrome
Covered Shocks



Aluminum Body Coilover Shocks – Standard Mount



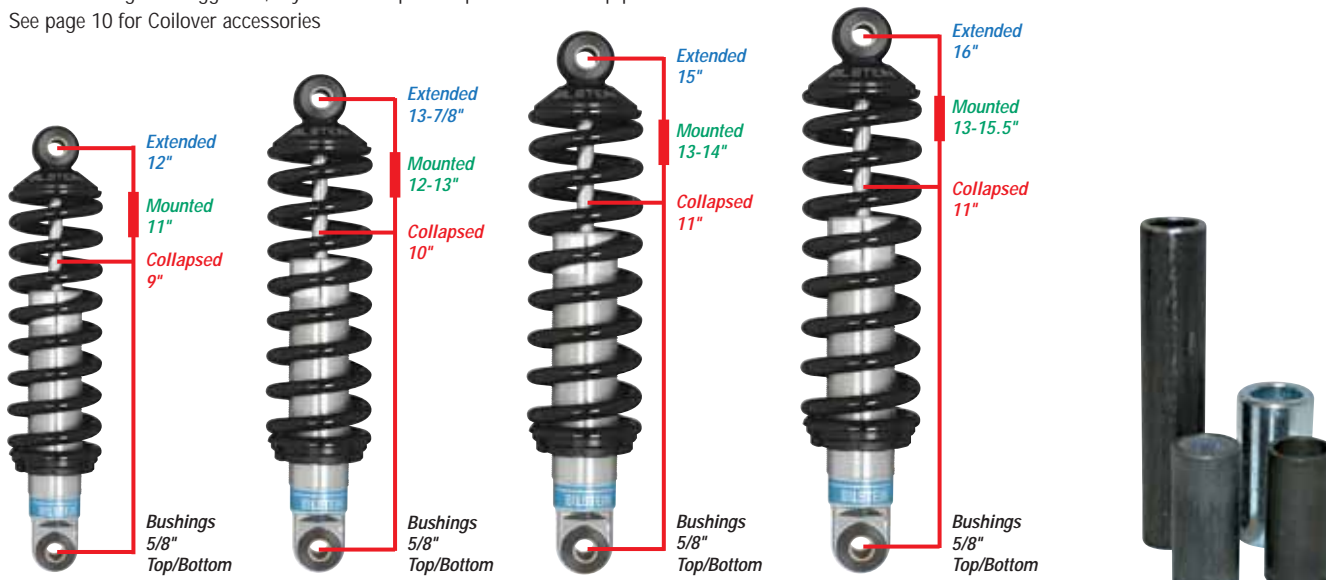
Standard Mount Bushing

RCD is taking the guess work out of coilover fitment, by assisting you in finding the appropriate shock for your application. Just by taking a few measurements (see pg. 2), along with some basic information about the vehicle, you can be on the way to a more comfortable ride and better handling. Often referred to as "Suspension Shock Tuners", at RCD we know each vehicle is different and not manufactured on an assembly line. We will assist you in finding the appropriate shock for your application. The information given on this page is only a guide line. Call for assistance.

Length	Mounted Length*	Mount Type Upper/Lower	Spring Length	Description
9-12" (IFS/IRS)	11"	2 Pc. Polyurethane Bushings with 5/8" ID x 1.50" Width Steel Sleeves	8"	Body: Polished Aluminum Threaded Body 2.5" Black Anodized Spring Hardware Valving: To Application Each shock includes shaft mounted bumpstop
10-13.78"	12-13"		10"	
11-15"	13-14"		10"	
11-16"	13-15"		12"	

*Mounted length is suggested, if you have a specific question on set up please call.

See page 10 for Coilover accessories



Items you might need:

A spanner wrench to adjust preload on springs? See Page 10
How about bump stops? Although our coilover shocks come with a shaft mounted bump stop, it is always a good idea to have a chassis mounted bump stop; go to our accessories on page 10.

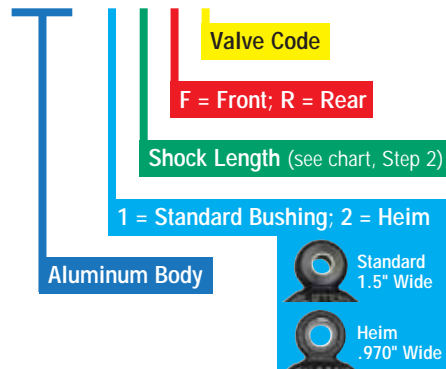
Optional Sleeve Sizes

Size	Part #
Sleeve .75"OD x 7/16"ID x 1.50"L	11-16764
Sleeve .75"OD x 1/2"ID x 1.50"L	11-16751
Sleeve .75"OD x 9/16"ID x 1.50"L	57-055
Sleeve .75"OD x 5/8"ID x 1.50"L	57-056

Aluminum Body Coilover Shock Fitment Tips

Part Number Definition

54-13FC



Step 1 Ride Height

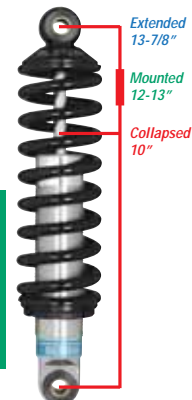
Measure the shock on vehicle with vehicle loaded at ride height. Measure center of top mount to center of lower mount on shock.



Step 2 Shock Length

After determining shock length at ride height, refer to chart below for part number.

Ride Height	Part No. Example
11"	54-12__
12.5"	54-13__
13.5 - 14"	54-15__
13.5 - 15"	54-16__



Example 10 - 13.875" shock
Refer to illustrations above for all coilover lengths

Aluminum Body Coilover Shocks – Heim End Mount



NEW Heim End Mount Coilover Shocks

New Bilstein Heim Mount Coilover Shocks features include race style spherical rod end mounts top and bottom. This allows the shock to pivot more at the mounting points through the entire suspension travel. The heim mounts also are narrower than traditional bushing style mounts, allowing these shocks to fit in tighter spaces. Precision rolled threads provide easy and accurate spring adjustment. Valving available for IFS, IRS and standard axle applications.

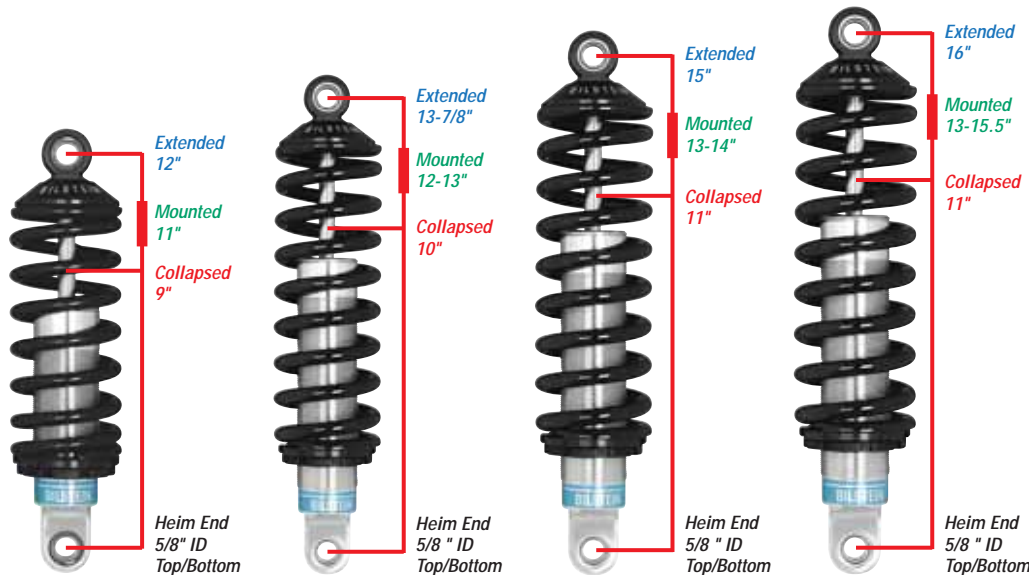
Length	Mounted Length*	Mount Type Upper/Lower	Spring Length	Description
9-12" (IRS, IFS)	11"	Heim End, 5/8" ID bolt, .970" width, narrow mount. 1/2" step down spacers available.	8"	Body: Polished Aluminum Threaded Body Mount Type: Heim End, Top/Bottom w/ 5/8" & 1/2" ID 2.5" Black Anodized Spring Hardware Valving: To Application
10-13.78"	12-13"		10"	
11-15"	13-14"		10"	
11-16"	13-15"		12"	

*Mounted length is suggested, if you have a specific question on set up please call.

Each shock includes shaft mounted bumpstop.

See page 10 for Coilover accessories.

Spring rate determined by shock angle and placement on control arm.



Optional Step Down Spacers

Size	Part #
5/8" to 1/2" x 1"	20-834857
5/8" to 1/2" x 1.25"	20-834870
5/8" to 1/2" x 1.5"	20-834883

Refer to page 2 for additional helpful fitment information

Step 3 Shock Position

Shock Position	Part Number Example
Front	54-12F_
Rear	54-13R_

Step 4 Valve Code

Note: Valve Code is a guide line; if you require assistance, please call

Front:	Part Number Example	Rear:	Part Number Example
A	54-12FC	O	54-13RC
C	- Coupe/Roadster - IFS	C	- Coupe/Roadster
F	- Sedan - IFS	M	- Sedan
G	- Full Size - IFS (example '57 Chevy)	S	- Full Size (example '57 Chevy)

IRS set up for Corvette & Jag also available

Part Number Example: Front IFS, '32 Coupe with 12.5" Ride Height would use part number 54-13FC

Different sleeve and step down spacers available, see product charts above – See page 10 for coil spring lengths and rates

Coilover Springs Applications & Accessories



Spring Specifications

There are several factors that go into choosing the proper rate....Need help? Give us a call and let us assist you.

Length	Part #	Description
8" Free Length	57-08_ _ _ (add lbs.)	Made in the USA
10" Free Length	57-10_ _ _ (add lbs.)	Finish: Black Powder Coat
12" Free Length	57-12_ _ _ (add lbs.)	Diameter: 2.5" ID
		Wire: Chrome Silicone
		Cold Wound / Heat Treated / Shot Peened
		100% Inspected for consistent rates
		Each Spring tagged or etched with rate



Spring Rates

8" FREE LENGTH

Rate (Lbs. per inch)	Part #
200	57-08200B
225	57-08225B
250	57-08250B
275	57-08275B
300	57-08300B
325	57-08325B
350	57-08350B
375	57-08375B
400	57-08400B
425	57-08425B
450	57-08450B
475	57-08475B
500	57-08500B
550	57-08550B
600	57-08600B

10" FREE LENGTH

Rate (Lbs. per inch)	Part #
100	57-10100B
150	57-10150R
175	57-10175R
200	57-10200R
225	57-10225R
250	57-10250R
275	57-10275R
300	57-10300R
350	57-10350R
375	57-10375R
400	57-10400R
450	57-10450R
500	57-10500R
550	57-10550R
600	57-10600R
650	57-10650R

12" FREE LENGTH

Rate (Lbs. per inch)	Part #
200	57-12200B
225	57-12225R
250	57-12250R
300	57-12300B
350	57-12350R
400	57-12400R
425	57-12425B
475	57-12450R

PermaStar® chrome powder coated coil springs are also available. Call for details and available spring rates.



Bump Stops

Description	Height	Diameter	Part#
Button Style-Hard, Low Profile Frame Mount	1 1/16"	2 1/32"	57-11824
Bullet Style-Hard, Frame Mount	1 9/16"	1 1/2"	57-11837
Step Style-Hard (cut to height) Frame Mount	2 1/8"	1 15/16"	57-11850
Progressive-Soft (cut to height) Frame Mount	2 1/2"	1 3/4"	57-11863



Parts & Accessories

Description	Part#
Bushing, Tapered Eye, 5/8" ID Tube Shocks	E4-B46-248
Bushing, Tapered Eye, 11/16" ID, Tube Shocks	57-104
Bushing, Straight Eye, Mustang II Lower,	E4-B46-272
Bushing Black, 2 pc. For Aluminum Body Shocks	E4-BOA-0000365
Hardware Pack 65-71 Mustang Lower	50-140496
Lube Pack (coil-over threads)	57-062
Lowering Block - 2" Leaf Spring (3 degree angle)	20-832842
Sleeve .630" OD x 7/16" ID x 1.80"L	20-834753
Sleeve .630" OD x 7/16" ID x 1.26"L	20-834649
Sleeve .630" OD x 1/2" ID x 1.3"L	E4-B46-60P
Sleeve .775" OD x 7/16" ID x 1.50"L (coil-over/chrome shock)	11-16764
Sleeve .775" OD x 1/2" ID x 1.50"L (coil-over/chrome shock)	11-16751
Sleeve .775" OD x 9/16" ID x 1.50"L (coil-over/chrome shock)	57-055
Sleeve .775" OD x 5/8" ID x 1.50"L (coil-over/chrome shock)	57-056
Spacer Coil-over (spring hat to eye loop)	20-834675
Wrench Large, (coil-over)	57-052
Wrench Small, (coil-over)	57-051
Lower Shock Bolt Kit	57-076



Bilstein...the World Leader in Monotube Gas Pressure Shock Absorber Technology

Heat is one of the major detriments to the performance and longevity of any shock absorber. Conventional twin tube designed shocks trap the heat within the shock body and do not let it adequately dissipate, making them prone to heat build up, fade and eventual failure.

By contrast, Bilstein's technically superior, monotube, high gas pressure charged design allows the excessive heat from the oil to transfer to the outer surface of the shock body and dissipate more efficiently. The dividing piston also permits the oil to expand as heat builds, preventing aeration (foaming) and viscosity loss. This allows the shock to maintain full damping characteristics as temperatures rise.



Non-pressurized shock, foaming

In a monotube gas pressure shock absorber, the nitrogen is separated from the oil by a dividing piston, which keeps the oil column under pressure at all times to prevent aeration (foaming). In a twin tube shock, the foaming can become so excessive that damping force is severely reduced. The shock becomes unresponsive with a corresponding loss of vehicle control.



Gas pressure shock, no foaming



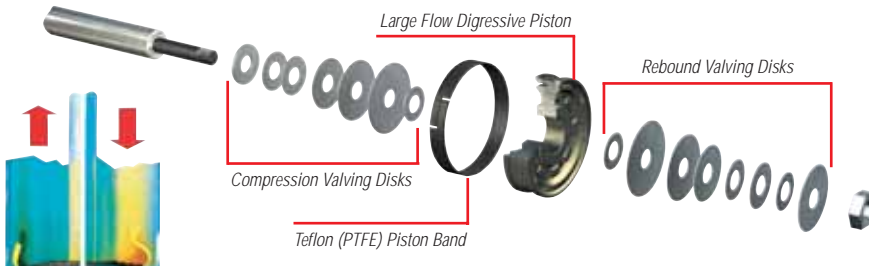
Monotube VS. Twin Tube Shock Design

The photo on the left dramatically illustrates the size difference between the working piston inside a Bilstein monotube shock and one found in a typical twin tube shock.

The Bilstein piston has 228% larger surface area than the average conventional twin tube piston offering greater sensitivity and superior vehicle control.

Bilstein's Digressive Working Piston Assembly

The piston head design allows independent tuning of the compression and rebound damping forces to provide optimum ride comfort and performance without compromise. It features fewer parts than most conventional twin tube and so called "road sensing" shock designs. This simple, yet exceptionally functional digressive design contributes to the extreme durability and long life of Bilstein shocks and struts.



As the piston moves, oil flows through independent passageways for rebound and compression. Valving disks stacked on both sides of the piston, vary in size and thickness. These disks deflect off their seat allowing the oil to flow past the piston. As the suspension/shock speed increases, more disks in the stack come into play slowing the flow of oil past the piston, increasing the shock valving and slowing the suspension movements, eliminating the need for a manually adjustable shock.



One Piece Aluminum Rod Guide & Seal
Keeps dirt out and maintains a nearly friction-free surface for longer life.



Massive Self-Adjusting Digressive Piston
Instantly reacts and adjusts for any condition...smooth road, rough road or no road. Provides maximum vehicle body motion control while maintaining superior comfort.

Bilstein's Industry Leading Monotube Design
Provides superior tube strength while maximizing heat dissipation and shock life.

High Pressure Nitrogen Gas & "Floating" Dividing Piston
Eliminates the possibility of oil foaming and performance loss.

Proudly Made in the USA!!



At RCD, we don't just sell shocks, we gather data by weighing, test fitting and driving different shock settings to ensure we provide you with the best ride and handling possible. Think of us as your personal suspension tuning specialists. Look for us at events across the nation.





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