ALDAN AMERICAN

PROFESSIONAL GRADE SUSPENSION, MADE IN THE USA

THE ALDAN AMERICAN STORY

I grew up obsessed with cars, trucks and motorcycles and always had an interest in manufacturing. For over three decades, The Aldan Shock Co. was U.S. Veteran owned and operated, specializing in high performance shocks and coilovers here in Southern California. While working at Hot Rod Magazine, I made a call that would forever change my life. In 2014, at 27 years old, I quit my job and struck a deal to acquire what's now known as Aldan American.

An iconic American brand, Aldan was one of the first companies to manufacture adjustable coilovers for street rods in the early 80's. Aldan later developed one of the first, billet aluminum coilovers designed for street performance and drag racing. Over the years Aldan supplied some of the world's top builders and racers with high performance coilovers and shocks.

When I first met the former owner in late 2013, I was amazed to learn every component that went into an Aldan shock was made in the USA. In addition to select Aldan components, several of Aldan's longtime vendors and suppliers were manufactures for aerospace and military applications, held to the highest standards. Aldan had the product, now it needed some energy and life brought back into the brand.

As we begin our fourth year in our 37 years of business, making Aldan American products more available and accessible than ever is our mission. Staying true to our legacy of designing, building and standing behind the highest-quality, American made suspension products is what keeps my team and I driving forward each day.

Welcome to Aldan American. Professional Grade Suspension.

Garrett Harmola
President, Owner

NEW **ROAD COMP SERIES, MUSCLE CAR COILOVER KITS**
Camaro, Chevelle, Nova, El Camino, Monte Carlo

NEW **TRULINE ADJUSTABLE SHOCK ABSORBERS**
Corvette, Camaro, Mustang & more

NEW **1963-1987 C10 ADJUSTABLE SHOCKS**

NEW **2008-2018 DODGE CHALLENGER LOWERING SPRINGS**
Part# 500101

NEW **2015-2018 FORD MUSTANG LOWERING SPRINGS**
Part# 500100

NEW **MUSTANG, FAIRLANE, FALCON COILOVER KITS**

ALDAN AMERICAN

Part #C6SB4

We've been setting up coilovers for street and track vehicles for over 35 years. If you're looking to add adjustable ride-height along with improving the handling, performance and responsiveness of your vehicles suspension – Aldan has you covered. Our vehicle specific kits are designed to use your factory mounting locations and hardware making installations easy.

MAKE/MODEL	YEAR	FRONT & REAR PACKAGE (TOTAL SOLUTION) SMALL BLOCK	BIG BLOCK	EXTREME LOWERING	FRONT COILOVER CONVERSION KITS SINGLE ADJUSTABLE SMALL BLOCK	BIG BLOCK	DOUBLE ADJUSTABLE SMALL BLOCK	BIG BLOCK	REAR COILOVER CONVERSION KITS SINGLE ADJUSTABLE SOFT	MEDIUM	FIRM	NO SPRINGS	DOUBLE ADJUSTABLE SOFT	MEDIUM	FIRM	NO SPRINGS	SHOCK (NON COILOVER) SMOOTH BODY FRONT	REAR	COILOVER READY KIT THREADED BODY FRONT & REAR	COILOVER KIT W/ SPRINGS FRONT & REAR	COILOVER KIT W/O SPRINGS FRONT & REAR
BUICK																					
Regal/Century	73-77	300110	300111		AGFMS	AGFHS												100110			
Regal/Century	78-88	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Grand National	78-88	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Skylark/GS	64-67	300102	300103		ABFMS	ABFHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Skylark/GS	68-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Skylark/Apollo	73-74	300112	300113		AFBFMS	AFBFHS												100110			
Skylark	75-79				AGFMS	AGFHS												100113			
CHEVROLET																					
Camaro (Mono Leaf)	67-69	300114	300115		AFBFMS	AFBFHS												100103			
Camaro (Multi Leaf)	68-69	300116	300117		AFBFMS	AFBFHS												100104			
Camaro	70-81	300108	300109		AFBFMS3	AFBFHS3												100101			
Chevelle/Malibu	64-67	300102	300103		ABFMS	ABFHS			ABRLS	ABRMS	ABRHS	ABRND	ABRLD	ABRMD	ABRHD	ABRND		100110			
Chevelle/Malibu	68-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRND	ABRLD	ABRMD	ABRHD	ABRND		100110			
Chevelle/Malibu	73-77	300110	300111		AGFMS	AGFHS												100110			
Malibu	78-83	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Chevy II/Nova	68-74	300112	300113		AFBFMS	AFBFHS												100110			
Nova	75-79				AGFMS	AGFHS												100113			
Corvette	97-04	C5SB4			C5SBF2				C5BR2											200110	400100	400101
Corvette	05-13	C6SB4			C6SBF2				C6BR2											200110	400100	400101
Corvette	14-18	300100															200101				
El Camino	64-67	300102	300103		ABFMS	ABFHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
El Camino	68-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
El Camino	73-77	300110	300111		AGFMS	AGFHS												100110			
El Camino	78-88	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Monte Carlo	70-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Monte Carlo	73-77	300110	300111		AGFMS	AGFHS												100110			

4

Part #AFBFMS

Part #AGRMS

Column groups: Columns 3–5 = FRONT & REAR PACKAGE (TOTAL SOLUTION); Columns 6–9 = FRONT COILOVER CONVERSION KITS (Single Adjustable Small/Big Block, Double Adjustable Small/Big Block); Columns 10–17 = REAR COILOVER CONVERSION KITS (Single Adjustable Soft/Medium/Firm/No Springs, Double Adjustable Soft/Medium/Firm/No Springs); Columns 18–19 = SHOCK (NON COILOVER) Smooth Body (Front, Rear); Column 20 = Coilover Ready Kit (Threaded Body); Column 21 = Coilover Kit W/ Springs; Column 22 = Coilover Kit W/O Springs.
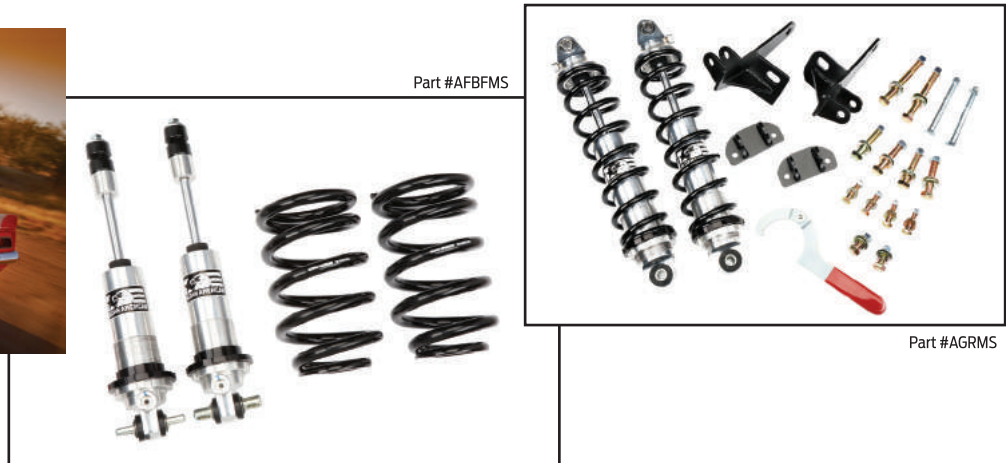
MAKE/MODEL	YEAR	FRONT & REAR PACKAGE (TOTAL SOLUTION)			FRONT COILOVER CONVERSION KITS				REAR COILOVER CONVERSION KITS								SHOCK (NON COILOVER)		COILOVER READY KIT	COILOVER KIT	COILOVER KIT
				EXTREME LOWERING	SINGLE ADJUSTABLE		DOUBLE ADJUSTABLE		SINGLE ADJUSTABLE				DOUBLE ADJUSTABLE				SMOOTH BODY		THREADED BODY	W/ SPRINGS	W/O SPRINGS
		SMALL BLOCK	BIG BLOCK		SMALL BLOCK	BIG BLOCK	SMALL BLOCK	BIG BLOCK	SOFT	MEDIUM	FIRM	NO SPRINGS	SOFT	MEDIUM	FIRM	NO SPRINGS	FRONT	REAR	FRONT & REAR	FRONT & REAR	FRONT & REAR
CHEVROLET (continued)																					
Monte Carlo	78-88	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
S-10/15 2WD (Xtreme)	82-04				AGFMS	AGFHS															
Tri-Five (Full-Size)	55-57	300118	300119		ABFMS	ABFHS												100111			
C10 - R.Leaf	63-87	300120															100100	100106			
C10 - R.Leaf Lowered	63-87	300121															100105	100107			
C10 - R.Coil	63-72	300122															100100	100108			
C10 - R.Coil Lowered	63-72	300123															100105	100109			
DODGE																					
Viper/RT10	92-95		G1SB4	G1LB4				G1SBF2							G1SBR2						
Viper/GTR GTS/ACR	96-02		G2SB4	G2LB4				G2SBF2							G2SBR2						
Viper/SRT	03-10		G3SB4	G3LB4				G3SBF2							G3SBR2						
FORD																					
Fairlane	66-70	300130	300131		300126	300127	300128	300129										100102			
Falcon	60-70	300130	300131		300126	300127	300128	300129										100102			
Ranchero	60-65	300130	300131		300126	300127	300128	300129										100102			
Ranchero	66-71				300126	300127	300128	300129										100104			
Torino	68-71	300130	300131		300126	300127	300128	300129										100102			
Mustang	64-73	300124	300125		M1SBF2S	M1BBF2S	M1SBF2D	M1BBF2D										100102			
Maverick	70-77				M1SBF2S	M1BBF2S	M1SBF2D	M1BBF2D										100112			
MERCURY																					
Cougar	67-73	300124	300125		M1SBF2S	M1BBF2S	M1SBF2D	M1BBF2D													
Comet	60-69	300125	300125		M1SBF2S	M1BBF2S	M1SBF2D	M1BBF2D													
Cyclone	68-71	300130	300131		300126	300127	300128	300129										100102			
OLDSMOBILE																					
Cutlass/442 F-85	64-67	300102	300103		ABFMS	ABFHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Cutlass/442 F-85	68-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Cutlass/442 F-85	73-77	300110	300111		AGFMS	AGFHS												100110			
Cutlass	78-88	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Omega	73-74	300112	300113		AFBFMS	AFBFHS												100110			
Omega	75-79				AGFMS	AGFHS												100113			

Part# 300102

MAKE/MODEL	YEAR	FRONT & REAR PACKAGE (TOTAL SOLUTION)		EXTREME LOWERING	FRONT COILOVER CONVERSION KITS SINGLE ADJUSTABLE		DOUBLE ADJUSTABLE		REAR COILOVER CONVERSION KITS SINGLE ADJUSTABLE				DOUBLE ADJUSTABLE				SHOCK (NON COILOVER) SMOOTH BODY		COILOVER READY KIT THREADED BODY	COILOVER KIT W/ SPRINGS	COILOVER KIT W/O SPRINGS
		SMALL BLOCK	BIG BLOCK		SMALL BLOCK	BIG BLOCK	SMALL BLOCK	BIG BLOCK	SOFT	MEDIUM	FIRM	NO SPRINGS	SOFT	MEDIUM	FIRM	NO SPRINGS	FRONT	REAR	FRONT & REAR	FRONT & REAR	FRONT & REAR
PLYMOUTH																					
Prowler	97-02	PWSB4		PWLB4	PWSBF2					PWSBR2											
PONTIAC																					
Firebird (Mono Leaf)	67-69	300114	300115		AFBFMS	AFBFHS												100103			
Firebrird (Multi Leaf)	68-69	300116	300117		AFBFMS	AFBFHS												100104			
Firebird	70-81	300108	300109		AFBFMS3	AFBFHS3												100101			
Grand Prix	69-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Grand Prix	73-77	300110	300111		AGFMS	AGFHS												100110			
Grand Prix	78-87	300106	300107		AGFMS	AGFHS			AGRLS	AGRMS	AGRHS	AGRNS	AGRLD	AGRMD	AGRHD	AGRND		100110			
Grand Am/ LeMans	73-77	300110	300111		AGFMS	AGFHS												100110			
GTO/LeMans Tempest	64-67	300102	300103		ABFMS	ABFHS			ABRLS	ABRMS	AGRHS	AGRNS	AGRLD	ABRMD	ABRHD	ABRND		100110			
GTO/LeMans Tempest	68-72	300104	300105		AB2FMS	AB2FHS			ABRLS	ABRMS	ABRHS	ABRNS	ABRLD	ABRMD	ABRHD	ABRND		100110			
Ventura	71-74	300112	300113		AFBFMS	AFBFHS												100110			
Ventura/ Phoenix	75-79				AGFMS	AGFHS												100113			

![Aldan American logo]

COMPLETE COILOVER KITS

Complete Universal Coilover Kits from Aldan American ship fully assembled, complete with springs compressed, anti-seize applied and ready to bolt-in with no final spring assembly required. Bolt on and go!

All Coilover Complete Kits include one ALD-1 Adjustable Spanner Wrench.

- Phantom Series - Rebound Adjustable
- Striker Series - Double Adjustable
- Ships Fully Assembled
- Includes 5/8" & 1/2" Sleeves with Polyurethane Bushings or 1/2" Bearings

- 2.5" Black Powder Coat Coil Springs Installed
- Made in U.S.A.

*Spanner Wrench Included with All Universal Coilover Kits!*

Custom Shock Selector: Which Coilovers Are Right For Me?

Use these three factors to determine which shock absorber is right for your vehicle:
1) Desired Ride Height, 2) Vehicle Usage and 3) Mount Type and Size.

1) Desired Ride-Height

First determine your vehicles stance front and rear. Once you have your vehicles stance, your ride height will be the measurement from mounting bolt to mounting bolt of where your coil-overs will bolt onto your chassis, when the vehicle is sitting on level ground.

LENGTH   LENGTH
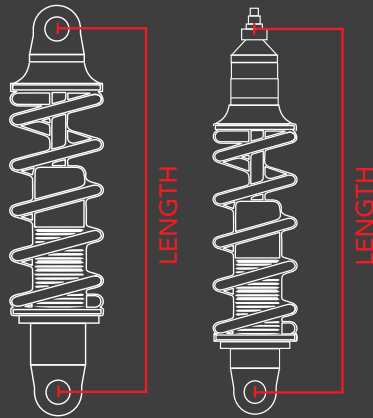
2) Vehicle Usage

Is your car built for the Street? Track? Road-Course? Drag Racing? - Each type of use works best with a set shock
- Street - Single Adjustable or Non-Adjustable
- Track - Single Adjustable or Double Adjustable
- Road-Course - Single Adjustable or Double Adjustable
- Drag-Racing - Single or Double Adjustable

3) Mount Type and Size

What is the diameter of the mount your shocks will be bolting to? What size and style of mounts will you need?
- Bushing - 5/8", 1/2" | Best Ride for Street Use
- Bearing - 1/2" x 1/2" Wide, 1/2" x 1" Wide, 1/2" x 1 1/2" Wide | Best for Racing use and tight clearances.

Ordering Aldan American Coilovers & Shocks:
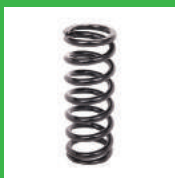# Here's How To Find The Part Number That's Right For You

Selecting Coilovers & Shock Absorbers
Select product on pages 4-7

Example Part Number: **AS-654**
1   2

1 Mount Type: **AS** = Bushings
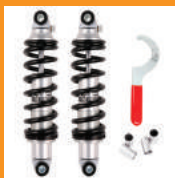**PAS** = Bearings
2 Shock Model

Selecting Coil Springs
Select product on pages 11-12

Example Part Number: **10-250BK2**
1   2   3   4

1 Coil Spring Length in Inches
2 Spring Rate (lbs./in)
3 Finish: **BK** = Black Powder Coat
CH = Polished Chrome Plated
4 Optional: Add the number "**2**" after each coil-spring part number to order a PAIR of coil springs

Selecting A Coilover Complete Kit
Select product on page 9

Example Part Number: **A654250B**
1   2   3   4

Coilover Complete Kits include one ALD-1 Adjustable Spanner Wrench

1 Mount Type: **A** = Bushings (includes 5/8" & 1/2" sleeves) **P** = Bearings (includes 1/2" I.D. x 1" wide PTFE Kevlar bearings)

2 Shock Model: (See model specs on pages 4-7.) Please note that coilover selected will determine spring length. For example, coilover AS-654 uses a 10" long coil-spring.

3 Spring Rate:
Select from Pages 11-12

4 Spring Color:
B = Black Powdercoat

ALDAN AMERICAN

STRIKER SERIES Double Adjustable – Rebound + Compression

• Double Adjustable (Rebound + Compression) - Greatest Adjustability
• 66 Points of Adjustment – Keep tires planted longer, leave the line faster
• Nitrogen Charged – Provides a smoother, more consistent ride

• Made in U.S.A. – Designed with lighter weight, higher strength billet mounts, bodies & hardware
• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-754	Front/Rear	Bushing	14.0"	10.1"	3.9"	10"	12.5-13"
PAS-754	Front/Rear	Bearing	14.0"	10.1"	3.9"	10"	12.5-13"
AS-755	Front/Rear	Bushing	15.4"	11.5"	3.9"	10"	14-14.5"
PAS-755	Front/Rear	Bearing	15.4"	11.5"	3.9"	10"	14-14.5"
AS-758	Front/Rear	Bushing	17.0"	12.0"	5.0"	12"	15-15.5"
PAS-758	Front/Rear	Bearing	17.0"	12.0"	5.0"	12"	15-15.5"
AS-758/5B	Front/Rear	Bushing	18.5"	13.2"	5.3"	12"	16-16.5"
PAS-758/5B	Front/Rear	Bearing	18.5"	13.2"	5.3"	12"	16-16.5"

PHANTOM SERIES Single Adjustable - Rebound

• Single Adjustable (Rebound) – Top Selling Series
• 11 Points of Adjustment – Easiest to Adjust and Tune for smoother ride
• Nitrogen Charged – Provides a smoother, more consistent ride
• Made in U.S.A. – Designed with lighter weight, higher

strength billet mounts, bodies & hardware
• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Heigh
AS-651	Front/Rear	Bushing	14.0"	10.3"	3.7"	10"	12.5-13"
PAS-651	Front/Rear	Bearing	14.0"	10.3"	3.7"	10"	12.5-13"
AS-652	Front/Rear	Bushing	12.0"	9.65"	2.35"	8"	10.5-11"
PAS-652	Front/Rear	Bearing	12.0"	9.65"	2.35"	8"	10.5-11"
AS-654	Front/Rear	Bushing	13.4"	9.7"	3.7"	10"	12-12.5"
PAS-654	Front/Rear	Bearing	13.4"	9.7"	3.7"	10"	12-12.5"
AS-655	Front/Rear	Bushing	15.0"	11.3"	3.7"	10"	13.5-14"
PAS-655	Front/Rear	Bearing	15.0"	11.3"	3.7"	10"	13.5-14"
AS-656	Front/Rear	Bushing	13.0"	9.5"	3.5"	9"	11.5-12"
PAS-656	Front/Rear	Bearing	13.0"	9.5"	3.5"	9"	11.5-12"
AS-657	Front/Rear	Bushing	13.5"	9.8"	3.7"	9"	12-12.5"
PAS-657	Front/Rear	Bearing	13.5"	9.8"	3.7"	9"	12-12.5"
AS-658	Front/Rear	Bushing	16.5"	11.5"	5.0"	12"	14-14.5"
PAS-658	Front/Rear	Bearing	16.5"	11.5"	5.0"	12"	14-14.5"
AS-658/5B	Front/Rear	Bushing	18.0"	13.0"	5.0"	12"	15.5-16"
PAS-658/5B	Front/Rear	Bearing	18.0"	13.0"	5.0"	12"	15.5-16"
AS-659	Front/Rear	Bushing	11.6"	8.65"	2.95"	8"	10-10.5"
PAS-659	Front/Rear	Bearing	11.6"	8.65"	2.95"	8"	10-10.5"
AS-659T	Front/Rear	Bushing	11.0"	8.15"	2.95"	8"	9.75-10.5"
PAS-659T	Front/Rear	Bearing	11.0"	8.15"	2.95"	8"	9.75-10.5"
AS-660	Front/Rear	Bushing	19.75"	13.5"	6.25"	12"	17.75-18.75"
PAS-660	Front/Rear	Bearing	19.75"	13.5"	6.25"	12"	17.75-18.75"

PHANTOM SERIES Single Adjustable - Compression

• Single Adjustable (Compression) – Performance Valving
• 6 Points of Adjustment – Quick Adjust for Maximum Performance
• Nitrogen Charged – Provides a smoother, more consistent ride

• Made in U.S.A. – Designed with lighter weight, higher strength billet mounts, bodies & hardware
• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-854	Front/Rear	Bushing	14.0"	10.1"	3.9"	10"	12.5-13"
PAS-854	Front/Rear	Bearing	14.0"	10.1"	3.9"	10"	12.5-13"
AS-855	Front/Rear	Bushing	15.4"	11.5"	3.9"	10"	14-14.5"
PAS-855	Front/Rear	Bearing	15.4"	11.5"	3.9"	10"	14-14.5"
AS-858	Front/Rear	Bushing	17.0"	12"	5.0"	12"	15-15.5"
PAS-858	Front/Rear	Bearing	17.0"	12"	5.0"	12"	15-15.5"
AS-858 HP	Front/Rear	Bushing	16.0"	12.4"	3.6"	12"	15-15.5"
AS-858/5B	Front/Rear	Bushing	18.5"	13.2"	5.3"	12"	16-16.5"
PAS-858/5B	Front/Rear	Bearing	18.5"	13.2"	5.3"	12"	16-16.5"

500 SERIES Non Adjustable – Factory Tuned

• Non-Adjustable (Factory Set Rebound and Compression Settings)
• Factory Pre-Set Valving – No Adjustment needed
• Excellent Value – Most Affordable U.S.A. Made Performance Coilover
• Adjustable Ride Height

• Lightweight 6061-T6 Aluminum Body, Mounts, & Hardware - Included
• Serviceable & Rebuildable – Never buy new shocks again
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-555	Front/Rear	Bushing	15.0"	11.3"	3.7"	10"	13.5-14"
PAS-555	Front/Rear	Bearing	15.0"	11.3"	3.7"	10"	13.5-14"
AS-556	Front/Rear	Bushing	13.0"	9.5"	3.5"	9"	11.5-12"
PAS-556	Front/Rear	Bearing	13.0"	9.5"	3.5"	9"	11.5-12"
AS-558	Front/Rear	Bushing	16.5"	11.5"	5.0"	12"	14-14.5"
PAS-558	Front/Rear	Bearing	16.5"	11.5"	5.0"	12"	14-14.5"

SS SERIES Single Adjustable – Compression (GM Vehicles)

• Single Adjustable (Compression) – Stud Upper Mount, Eyelet Lower Mounts
• 6 Points of Adjustment – Quick Adjust for Maximum Performance
• Nitrogen Charged – Provides a smoother, more consistent ride
• Made in U.S.A. – Designed with lighter weight, higher strength billet mounts, bodies & hardware

• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)
• AS Models Include 5/8" and ½" bushings with Sleeves (7/16" and select metric sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-890	Front/Rear	Bushing/Stud	14.5"	10.15"	4.35"	10"	12.5-13"
PAS-890	Front/Rear	Bearing/Stud	14.5"	10.15"	4.35"	10"	12.5-13"
AS-891	Front/Rear	Bushing/Stud	16.5"	11.1"	5.4"	12"	14-14.5"
PAS-891	Front/Rear	Bearing/Stud	16.5"	11.1"	5.4"	12"	14-14.5"

ALDAN AMERICAN

MII SERIES   Single Adjustable - Rebound (Mustang II)

• Single Adjustable (Rebound) - Stud Upper Mount, Eyelet Lower Mounts
• 20 Points of Adjustment – Knobs locate under the hood for simple tuning
• Nitrogen Charged – Provides a smoother, more consistent ride
• Made in U.S.A. – Designed with lighter weight, higher strength billet mounts, bodies & hardware

• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)
• AS Models Include 5/8" and ½" bushings with Sleeves (7/16" and select metric sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-653	Front	Bushing/Stud	12.5"	9.7"	2.8"	8"	11.5"
PAS-653	Front	Bearing/Stud	12.5"	9.7"	2.8"	8"	11.5"
AS-653A	Front	Bushing/Stud	12.0"	9.2"	2.8"	6"	11.0"
PAS-653A	Front	Bearing/Stud	12.0"	9.2"	2.8"	6"	11.0"
AS-653B	Front	Bushing/Stud	13.5"	10.7"	2.8"	8"	12.5"
PAS-653B	Front	Bearing/Stud	13.5"	10.7"	2.8"	8"	12.5"
AS-653C	Front	Bushing/Stud	12.5"	9.7"	2.8"	6"	11.5"
PAS-653C	Front	Bearing/Stud	12.5"	9.7"	2.8"	6"	11.5"
AS-653D	Front	Bushing/Stud	14.0"	11.2"	2.8"	8"	13.0"
PAS-653D	Front	Bearing/Stud	14.0"	11.2"	2.8"	8"	13.0"
AS-653E	Front	Bushing/Stud	13.0"	10.2"	2.8"	9"	12.0"
PAS-653E	Front	Bearing/Stud	13.0"	10.2"	2.8"	9"	12.0"

REGULATOR SERIES   Single Adjustable - Rebound

• Single Adjustable (Rebound) – Midnight Black Anodize Finish
• 11 Points of Adjustment – Easy tuning for the perfect ride
• Nitrogen Charged – Provides a smoother, more consistent ride

• Made in U.S.A. – Designed with lighter weight, higher strength billet mounts, bodies & hardware
• Serviceable & Rebuildable – Never buy new shocks again
• Use with 2.5" I.D. Coilsprings
• PAS models include 1" x 1/2" I.D. Bearings (Additional Bearing Options and Sizes available)

Part No:	Application:	Mounting:	Extended:	Compressed:	Travel:	Coil Length:	Ride Height:
AS-651RS	Front/Rear	Bushing	14"	10.3"	3.7"	10"	12.5-13"
PAS-651RS	Front/Rear	Bearing	14"	10.3"	3.7"	10"	12.5-13"
AS-654RS	Front/Rear	Bushing	13.4"	9.7"	3.7"	10"	12-12.5"
PAS-654RS	Front/Rear	Bearing	13.4"	9.7"	3.7"	10"	12-12.5"
AS-655RS	Front/Rear	Bushing	15"	11.3"	3.7"	10"	13.5-14"
PAS-655RS	Front/Rear	Bearing	15"	11.3"	3.7"	10"	13.5-14"
AS-656RS	Front/Rear	Bushing	13"	9.5"	3.5"	9"	11.5-12"
PAS-656RS	Front/Rear	Bearing	13"	9.5"	3.5"	9"	11.5-12"
AS-657RS	Front/Rear	Bushing	13.5"	9.8"	3.7"	9"	12-12.5"
PAS-657RS	Front/Rear	Bearing	13.5"	9.8"	3.7"	9"	12-12.5"
AS-658RS	Front/Rear	Bushing	16.5"	11.5"	5"	12"	14-14.5"
PAS-658RS	Front/Rear	Bearing	16.5"	11.5"	5"	12"	14-14.5"
AS-659RS	Front/Rear	Bushing	11.6"	8.65"	2.95"	8"	10-10.5"
PAS-659RS	Front/Rear	Bearing	11.6"	8.65"	2.95"	8"	10-10.5"

(* Shown above with chrome coil-spring - Sold Separately.)

COIL SPRING LINE-UP

Aldan American offers a wide variety of coil spring lengths and rates to fit your ride. We use only the finest, Cold-Wound High-Tensile Chrome Silicon Steel on our 2.5-inch I.D. (Inside Diameter) Coil Springs. All of our steel is sourced and manufactured here in the U.S.A. We offer black powder coat or a hard polish-chrome finish on our springs. Aldan Coil-Springs hold a Lifetime Warranty. With normal use and proper maintenance, all Aldan Coil-Springs will hold 2% of their original rate and length over time.

- **Made In the U.S.A**
- **Each Spring is Tested and Rated**
- **Lifetime Warranty on all Aldan Coil Springs**
- **Lightweight**
- **Greater Travel**
- **Precise Rates and Linearity**
- **High Durability Finish**
- **Available in 6", 8", 9", 10", 12" Lengths**
- **Coil Rates Available from 100-800 lbs/inch**

- **Powder Coated Black (Smooth Finish) or Show Quality Chrome Finish (Smooth Finish)**
- **Cold-Wound High-Tensile Chrome Silicon Steel**
- **Flat-Ground Ends with Tolerances to +/- 1 Degree**

* Note When Ordering a PAIR of Coil-Springs:
Optional: Add a "2" after each coil-spring part number to order a PAIR of coil-springs.
Eample Part Number For a Pair of Coil-Springs: 10-250BK2

BLACK POWDER COAT FINISH ▼

6" LENGTH BLACK

Part No.	Rate/Inch:
6-350BK	350
6-450BK	450
6-550BK	550
6-600BK	600
6-650BK	650
6-750BK	750

8" LENGTH BLACK

Part No.	Rate/Inch:
8-200BK	200
8-250BK	250
8-300BK	300
8-350BK	350
8-400BK	400
8-450BK	450
8-500BK	500
8-550BK	550
8-600BK	600
8-650BK	650
8-700BK	700
8-750BK	750
8-800-BK	800

9" LENGTH BLACK

Part No.	Rate/Inch:
9-180BK	180
9-200BK	200
9-220BK	220
9-250BK	250
9-300BK	300
9-350BK	350
9-400BK	400
9-450BK	450
9-500BK	500
9-550BK	550
9-600BK	600
9-650BK	650
9-700BK	700
9-750BK	750

10" LENGTH BLACK

Part No.	Rate/Inch:
10-100BK	100
10-120BK	120
10-140BK	140
10-160BK	160
10-180BK	180
10-200BK	200
10-220BK	220
10-250BK	250
10-275BK	275
10-300BK	300
10-350BK	350
10-400BK	400
10-450BK	450
10-500BK	500
10-550BK	550
10-600BK	600
10-650BK	650
10-700BK	700
10-750BK	750

12" LENGTH BLACK

Part No.	Rate/Inch:
12-100BK	100
12-120BK	120
12-140BK	140
12-160BK	160
12-180BK	180
12-220BK	220
12-250BK	250
12-300BK	300
12-350BK	350
12-400BK	400
12-450BK	450
12-475BK	475
12-500BK	500
12-550BK	550

CHROME FINISH ⬇

6" LENGTH CHROME

Part No.	Rate/Inch:
6-350CH	350
6-450CH	450
6-550CH	550
6-650CH	650
6-750CH	750

9" LENGTH CHROME

Part No.	Rate/Inch:
9-180CH	180
9-200CH	200
9-220CH	220
9-250CH	250
9-300CH	300
9-350CH	350
9-400CH	400
9-450CH	450
9-500CH	500
9-550CH	550
9-600CH	600
9-700CH	700

10" – BLACK

Part No.	Rate/Inch:
10-350CH	350
10-400CH	400
10-450CH	450
10-550BK	550
10-600BK	600
10-650BK	650
10-700BK	700
10-750BK	750

8" LENGTH CHROME

Part No.	Rate/Inch
8-250CH	250
8-300CH	300
8-350CH	350
8-400CH	400
8-450CH	450
8-600CH	600
8-650CH	650
8-750CH	750

10" LENGTH CHROME

Part No.	Rate/Inch:
10-120CH	120
10-140CH	140
10-160CH	160
10-180CH	180
10-200CH	200
10-220CH	220
10-250CH	250
10-300CH	300

12" LENGTH CHROME

Part No.	Rate/Inch:
12-120CH	120
12-160CH	160
12-180CH	180
12-220CH	220
12-400CH	400

Aldan American Coil Springs

Our coil springs are cold wound, chrome silicon wire then powder coated gloss black. Chrome springs are available as an option. All springs are color coded reflecting the amount of weight necessary to compress the spring one inch.

WEIGHT CODE CHART

Color Code: W/White, R/Red, B/Blue, Y/Yellow, G/Green

[Color codes are located at the top or bottom of each coil spring.]

6" SPRING
350 = Y-R
450 = W-R
550 = Y-B
600 = BW
650 = BWY
750 = BWG

8" SPRING
200 = W
250 = B
300 = Y
350 = Y-R
400 = B-R
450 = W-R
500 = RWB
550 = Y-B
600 = B-W
650 = BWY
700 = Y-W
750 = BWG
800 = RBG

9" SPRING

180 = G
200 = W
220 = R
250 = B
300 = Y
350 = Y-R
400 = B-R
450 = W-R
500 = RWB
550 = YB
600 = BW
650 = BWY
700 = Y-W

10" SPRING
100 = W-G
120 = Y-G
140 = R-G
160 = B-G
180 = G
220 = R
250 = B
275 = RBY
300 = Y

350 = Y-R
400 = B-R
450 = W-R
500 = RWB
550 = YB
600 = BW
650 = BWY

12" SPRING
80 = W-G-R
100 = W-G
120 = Y-G
140 = R-G
160 = B-G
180 = G
220 = R
250 = B
300 = Y
350 = Y-R
400 = B-R
450 = WR
475 = RWY
500 = RWB
550 = YB

Drag Racing Coil Rate Charts
(For Drag Racing use only.)

Recommended Front Spring Rates - Drag Racing	
Spring Rate:	Total Weight on Front Wheels:
200	under 800 lbs.
250	800-1000 lbs.
275	1000-1100 lbs.
300	1100-1200 lbs.
350	1200-1500 lbs.
400	1500-1800 lbs.
450	1800-2000 lbs.
500	2000-2300 lbs.
550	2300-2500 lbs.
650	2600 and up

Recommended Rear Spring Rates - Drag Racing	
Spring Rate:	Total Weight on Rear Wheels:
70	under 800 lbs.
80	800-1000 lbs.
100	1000-1100 lbs.
120	1100-1200 lbs.
140	1200-1300 lbs.
160	1300-1400 lbs.
180	1400-1500 lbs.
200	1600-1800lbs.
250	1800-2400 lbs.
300	2400 and up

Quick Select Street Rod Spring Rate Guide

Use the chart below as a baseline for selecting Street Rod Coil Spring Rates. It will get you into the ballpark, but feel free to call us for more specific applications.

*Note – Spring rates below are a starting point, please call before ordering to confirm the correct spring rate for your car

General Description	Front/Rear (Rate/Inch in lbs.)
4-cylinder, V-6 T-bucket, Track T	300/160
V-8 T-bucket, V-6 Hiboy Roadster	350/180
'29-'32 full-fendered coupes, "A" sedans w/Sm. Block	400/200
'32-'34 sedans, '35-'36 coupes w/Sm. Block	400/250
'35 and up sedans, '37-'40 coupes w/Sm. Block	400/300
Above cars w/Big Block	450-550/(See "Rear" rates above)
Jag Rear Ends	N/A/180-250

Spring Rate Selector: Which Springs Are Right For Me?

Four factors help you determine which spring and spring rate are right for your vehicle. The factors are:
1) Base Vehicle Weight, 2) Vehicle Features Weights, 3) Coil Rate Calculation, 4) Mounting Angle.

1) Base Vehicle Weight

Street Rod - Average Vehicle Weight Chart

YEAR	MAKE	MODEL	FRONT	REAR
1927	Ford	Coupe	1200	1300
1928-31	Ford	Coupe	1300	1400
1932-34	Ford	Coupe	1400	1600
1935-38	Ford	Coupe	1600	1700
1939-40	Ford	Coupe	1700	1800
1946-48	Ford	Coupe	1750	1700
1932-38	Chevy, Plymouth, Dodge	Coupe	1500	1550
1939-40	Chevy, Plymouth, Dodge	Coupe	1600	1600
1947-1953	Chevrolet	Pickup	1950	1500
1954-1958	Chevrolet	Pickup	2250	1750
1947-1953	Ford	Pickup	2000	1550
1954-1958	Ford	Pickup	2150	1650
1927-1975	Other	Other	Please Call	Please Call

*Two cars that appear to have the same weight can be substantially different in weight mass and distribution front-to-rear.

*Average weights above include: One driver, Small Block Chevy V8, Automatic Trans, Full interior, Fuel & Spare Tire

2) Vehicle Features Weights

Street Rod - Adjust Spring Rate *Add or subtract front and rear weights from above using this chart below (Based on your vehicle features)

FEATURE	FRONT	REAR
Big-Block V8	+ 200 lbs.	+ 50 lbs.
Other Small Block V8	+ 50 lbs.	+ 50 lbs.
V6	+ 50 lbs.	+ 50 lbs.
4-Door	+ 50 lbs.	+ 150 lbs.
Panel or Delivery	+ 100 lbs.	+ 200 lbs.
Full Fendered	+ 100 lbs.	+ 150 lbs.
Fenderless	- 100 lbs.	- 100 lbs.
Supercharger	+ 50 lbs.	+ 50 lbs.
Air Conditioning	+ 50 lbs.	+ 50 lbs.

3) Calculating Your Coilover Coil Rate

Calculating Your Coilover Spring Rate for (REAR) Solid Axle.
*Use your data from Step 1 and Step 2 above.

Street Rods - (REAR) Solid Axle Calculation

Line 1   Rear Weight = (Weight of Vehicle) x (.5)

Line 2   Sprung Weight = (Rear Weight of Vehicle) - (300 lb)
*The number you're subtracting here (300 lb) accounts for the rear end, brakes, etc. - Everything bolted to the rear axle.

Line 3   Weight on each spring = (Sprung Weight)/2

Line 4   Spring Rate = (Weight on each spring)/(Spring compression)
* Spring compression is the amount in inches your coil spring will be compressed. See example below for a theoretical coil rate calculation.

Example of Spring Rate Calculation (Using Above Equation):

Weight of example vehicle: 3400 lb vehicle

Line 1   Rear Weight: (3400 lb) x (.5) = 1700 lb

Line 2   Sprung Weight: (1700 lb) - (300 lb) = 1400 lb

Line 3   Weight on each spring: (1400 lb)/2 = 700 lb

Line 4   Spring Rate: (700 lb)/2.5 = 280 lb

Line 5   We'd recommend using a 300 lb coil spring on each coilover of this vehicle's rear end.

Late Models
*For Late Model vehicles, input the equation below in place of "Rear Weight."
Rear Weight = (Weight of Vehicle) X (.45)

4) Mounting Angle

Using the spring rate determined in Step 3, Line 5 above - Now it's time to account for the mounting angle of your coilover to determine the most optimal, and final spring rate for your vehicle.

Mounted Shock Angle	10°	15°	20°	25°	30°	35° or Greater
Correction Factor	0.98	0.93	0.88	0.82	0.75	Please Call

- Using the 300 lb spring determined in Step 3 on Line 5 above, lets factor in our mounting angle.
*We'll use a mounting angle of 30° for this example.
- Mounting Angle (30°) has a Correction Factor (0.75)
*See Table A. above

Equation:
Spring Weight (From Step 3, Line 5)/Correction Factor = Optimal Spring Rate

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Example:
(300)/(0.75) = 400 (We'd recommend running a 400 lb coil spring in this example for optimal handling and ride quality.)

ALD-1
Spanner Wrench (1)
Adjustable

ALD-2
Shock Bushings, Poly (4) with
1/2" Sleeves, Steel (4)

ALD-3
Shock Bushings, Poly (4) with
5/8" Sleeves, Steel (4)

ALD-4
Shock Bushing (8)
Poly

ALD-5
1/2" Sleeves (4)
Steel

ALD-6
5/8" Sleeves (4)
Steel

ALD-7
Lock Nut (1)
Aluminum

ALD-8
Bearings (4)
1/2" I.D. x 1/2" Wide

ALD-9
Bearings (4)
1/2" I.D. x 1" Wide

ALD-10
Bearings (4)
1/2" I.D. x 1-1/2" Wide

ALD-11
Spring Seat (1)
Lower, Regular

ALD-12
Spring Seat (1)
Lower, Medium

ALD-13
Spring Seat (1)
Lower, Large

ALD-14
Spring Seat (1)
MII (Mustang)

ALD-15
Lower Mount (2)
MII (Mustang), 7/16" I.D.

ALD-16
Lower T-Mount (2)
Corvette

ALD-17
Knob, Small (1)
Aluminum

ALD-18
Lower Mount (2)
MII (Mustang), 1/2" I.D.

ALD-19
Knob, Large (1)
Aluminum

ALD-21
Sticker, Large (1)

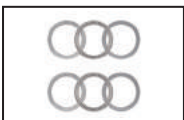**ALD-22**
Bushing Set
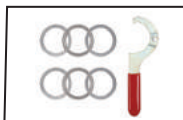Stud Mount

ALD-23
Catalog

ALD-24
Spring Seat (1)
Upper

ALD-25
Aldan American T-Shirt (1)

ALD-26
Thrust Bearing Kit
2.500" I.D. x 3.225" O.D.

ALD-27
Thrust Bearing Kit Incl. Spanner Wrench
2.500" I.D. x 3.225" O.D.

ALD-30
Spherical Bearing
.625 in. ID x 1.0 in OD x .5 in. Wide
PTFE Lined, each

ALD-31
Spherical Bearing
.625 in. ID x 1.0 in OD x .5 in. Wide
PTFE Lined, Set of 4

Learn more about performance suspension parts we have.