



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SS	#
------	------------	-------	----------------	-------	-------------	--------	----	---

CHEVROLET/GMC

Chevrolet/GMC SUVs

1969-1991	JIMMY/BLAZER (4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1973-1991	JIMMY/BLAZER (2WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001

Chevrolet/GMC Pickup Trucks

2004-2012	COLORADO/CANYON (2WD/4WD)	HP10224 ◇	L6383	2	Inside	No	SS	HP10001
2009-2012	COLORADO/CANYON (2WD/4WD)	HP10226 ◇	L6383	2	Inside	No	SS	HP10173
2015-2022	COLORADO/CANYON (2WD/4WD) <i>Will not fit ZR2 or AT4 models</i>	HP10339	L6483	2	Inside	No	SS	HP10199
2023-2024	COLORADO/CANYON (2WD/4WD)	HP10607	L6615	2	Inside	No	SS	HP10199

Chevrolet Silverado/GMC Sierra 1500

1973-1987	C-10 (2WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1973-1987	C-10 (2WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1973-1987	K-10 (4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1973-1987	K-10 (4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1988-1998	SIERRA/SILVERADO K/C 1500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or more</i>	HP10088 <	L5932	3	Inside	Yes	DC	HP10000
		HP10088-J <	L5932	3	Inside	Yes	DCJ	HP10000J
1988-1998	SIERRA/SILVERADO K/C 1500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or less</i>	HP10120 <	L5932	3	Inside	Yes	SC	HP10083
		HP10120-J <	L5932	3	Inside	Yes	SCJ	HP10083J
2001-2006	SIERRA/SILVERADO 1500HD (2WD/4WD) HEAVY LOADS	HP10072 =	L5863	2½	Inside	No	DC	HP10000
		HP10072-J =	L5863	2½	Inside	No	DCJ	HP10000J
1999-2007	SIERRA/SILVERADO 1500 (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
2001-2005	SILVERADO 1500HD (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
2001-2008	SIERRA 1500HD (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
2007-2018	SIERRA/SILVERADO 1500 (2WD/4WD) FOR SHORT (69.3") AND MEDIUM (78.7") TRUCK BED LENGTHS	HP10144	L6035	2	Outside	No	SS	HP10001
2007-2018	SIERRA/SILVERADO 1500 (2WD/4WD) FOR LONG (97.8") TRUCK BED LENGTHS	HP10178	L6035	2	Outside	No	SS	HP10001
2007-2018	SIERRA/SILVERADO 1500 (2WD/4WD) FOR SHORT (69.3") AND MEDIUM (78.7") TRUCK BED LENGTHS <i>Will not fit if vehicle is equipped with MagneRide</i>	HP10216	L6360	3	Inside	No ♦	DC	HP10000
		HP10216-J	L6360	3	Inside	No ♦	DCJ	HP10000J
2019	SIERRA LIMITED/SILVERADO LD 1500 (2WD/4WD)	HP10216	L6360	3	Inside	No ♦	DC	HP10000
		HP10216-J	L6360	3	Inside	No ♦	DCJ	HP10000J
2019-2024	SIERRA/SILVERADO 1500 (2WD/4WD) FOR ALL TRUCK BED LENGTHS <i>AT4/Trail Boss - requires use of 2" spacer HP10152. Will not fit if vehicle is equipped with Adaptive Ride Control.</i>	HP10340	L6453	2	Inside	No ♦	DC	HP10000
		HP10340-J	L6453	2	Inside	No ♦	DCJ	HP10000J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. **Rated up to 5000lbs unless otherwise stated.**

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5th WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	‡ HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5th WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SPRING	SHOCK
CHEVROLET/GMC								
Chevrolet Silverado/GMC Sierra 2500								
1973-1987	C-20 (2WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1973-1987	C-20 (2WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1973-1987	K-20 (4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1988-1998	SIERRA/SILVERADO K/C 2500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or more</i>	HP10088 <	L5932	3	Inside	Yes	DC	HP10000
		HP10088-J <	L5932	3	Inside	Yes	DCJ	HP10000J
1988-1998	SIERRA/SILVERADO K/C 2500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or less</i>	HP10120 <	L5932	3	Inside	Yes	SC	HP10083
		HP10120-J <	L5932	3	Inside	Yes	SCJ	HP10083J
1999-2000	SIERRA/SILVERADO 2500 (2WD/4WD) DRUM BRAKES ONLY <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or more</i>	HP10088 <	L5932	3	Inside	Yes	DC	HP10000
		HP10088-J <	L5932	3	Inside	Yes	DCJ	HP10000J
1999-2000	SIERRA/SILVERADO 2500 (2WD/4WD) DRUM BRAKES ONLY <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or less</i>	HP10120 <	L5932	3	Inside	Yes	SC	HP10083
		HP10120-J <	L5932	3	Inside	Yes	SCJ	HP10083J
2001-2010	SIERRA/SILVERADO 2500HD (2WD/4WD) <i>Will not fit models with factory air suspension</i>	HP10005 »	L5683	2	Inside	No	DC	HP10000
		HP10005-J »	L5683	2	Inside	No	DCJ	HP10000J
2011-2019	SIERRA/SILVERADO 2500HD (2WD/4WD)	HP10171 »	L6135	2½	Inside	No ♦	DC	HP10000
		HP10171-J »	L6135	2½	Inside	No ♦	DCJ	HP10000J
2011-2019	SIERRA/SILVERADO 2500HD (2WD/4WD) RATED UP TO 7500LBS	HP10171-X »	L6518	2½	Inside	No ♦	XD	HP10438
		HP10171-X-J »	L6518	2½	Inside	No ♦	XDJ	HP10438J
2020-2021	SIERRA/SILVERADO 2500HD (2WD/4WD)	HP10355 »	L6502	2½	Inside	No	DC	HP10000
		HP10355-J »	L6502	2½	Inside	No	DCJ	HP10000J
2020-2021	SIERRA/SILVERADO 2500HD (2WD/4WD) RATED UP TO 7500LBS	HP10355-X »	L6504	2½	Inside	No	XD	HP10438
		HP10355-X-J »	L6504	2½	Inside	No	XDJ	HP10438J
2022-2024	SIERRA/SILVERADO 2500HD (2WD/4WD) <i>Will not fit vehicles equipped with Curt 5th wheel packages</i>	HP10585 »	L6575	2½	Inside	No	DC	HP10000
		HP10585-J »	L6575	2½	Inside	No	DCJ	HP10000J
2022-2024	SIERRA/SILVERADO 2500HD (2WD/4WD) <i>Will not fit vehicles equipped with Curt 5th wheel packages</i> RATED UP TO 7500LBS	HP10585-X »	L6575	2½	Inside	No	XD	HP10438
		HP10585-X-J »	L6575	2½	Inside	No	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. **Rated up to 5000lbs unless otherwise stated.**

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com
CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SCREW	NUT
------	------------	-------	----------------	-------	-------------	--------	-------	-----

CHEVROLET/GMC

Chevrolet Silverado/GMC Sierra 3500

1973-1987	C-30 (2WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1973-1987	C-30 (2WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1973-1987	K-30 (4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1988-2000	SIERRA/SILVERADO K/C 3500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or more</i>	HP10088 <	L5932	3	Inside	Yes	DC	HP10000
		HP10088-J <	L5932	3	Inside	Yes	DCJ	HP10000J
1988-2000	SIERRA/SILVERADO K/C 3500 (2WD/4WD) <i>Will only fit vehicles with a Frame to Axle Pad distance of 7.25" or less</i>	HP10120 <	L5932	3	Inside	Yes	SC	HP10083
		HP10120-J <	L5932	3	Inside	Yes	SCJ	HP10083J
2001-2010	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>Will not fit commercial cab & chassis</i>	HP10005	L5683	2	Inside	No	DC	HP10000
		HP10005-J	L5683	2	Inside	No	DCJ	HP10000
2001-2010	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>RATED UP TO 7500LBS</i>	HP10005-X »	L6519	2	Inside	No	XD	HP10438
		HP10005-X-J »	L6519	2	Inside	No	XDJ	HP10438J
2011-2019	SIERRA/SILVERADO 3500HD (2WD/4WD)	HP10171 »	L6135	2½	Inside	No ♦	DC	HP10000
		HP10171-J »	L6135	2½	Inside	No ♦	DCJ	HP10000J
2011-2019	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>RATED UP TO 7500LBS</i>	HP10171-X »	L6518	2½	Inside	No ♦	XD	HP10438
		HP10171-X-J »	L6518	2½	Inside	No ♦	XDJ	HP10438J
2020-2021	SIERRA/SILVERADO 3500HD (2WD/4WD)	HP10355 »	L6502	2½	Inside	No	DC	HP10000
		HP10355-J »	L6502	2½	Inside	No	DCJ	HP10000J
2020-2021	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>RATED UP TO 7500LBS</i>	HP10355-X »	L6504	2½	Inside	No	XD	HP10438
		HP10355-X-J »	L6504	2½	Inside	No	XDJ	HP10438J
2022-2024	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>Will not fit vehicles equipped with Curt 5th wheel packages</i>	HP10585 »	L6575	2½	Inside	No	DC	HP10000
		HP10585-J »	L6575	2½	Inside	No	DCJ	HP10000J
2022-2024	SIERRA/SILVERADO 3500HD (2WD/4WD) <i>Will not fit vehicles equipped with Curt 5th wheel packages</i> <i>RATED UP TO 7500LBS</i>	HP10585-X »	L6575	2½	Inside	No	XD	HP10438
		HP10585-X-J »	L6575	2½	Inside	No	XDJ	HP10438J

Chevrolet/GMC Motorhomes (Class C Vans) & Commercial Vehicles

2013-2015	CLASS C MOTORHOME G3500 (2WD) DRW VEHICLES	HP10227	L6386	2	Inside	No	SC	HP10083
		HP10227-J	L6386	2	Inside	No	SCJ	HP10083J
2013-2015	CLASS C MOTORHOME G4500 (2WD) DRW VEHICLES	HP10227	L6386	2	Inside	No	SC	HP10083
		HP10227-J	L6386	2	Inside	No	SCJ	HP10083J
2018-2024	SILVERADO 4500HD/5500HD/6500HD (2WD/4WD) CAB & CHASSIS <i>RATED UP TO 7500LBS</i>	HP10373-X	L6517	2½	Inside	Yes	XD	HP10438
		HP10373-X-J	L6517	2½	Inside	Yes	XDJ	HP10438J
2018-2024	INTERNATIONAL CV CLASS 4 / 5 TRUCKS <i>RATED UP TO 7500LBS</i>	HP10373-X	L6517	2½	Inside	Yes	XD	HP10438
		HP10373-X-J	L6517	2½	Inside	Yes	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. *Rated up to 5000lbs unless otherwise stated.*

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	◆ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com
CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SPRING	BUMPERS
------	------------	-------	----------------	-------	-------------	--------	--------	---------

DODGE/RAM

Dodge SUVs

1974-1993	RAM CHARGER (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
-----------	-----------------------	-----------	-------	----	---------	-----	----	---------

Dodge Pickup Trucks

1987-2004	DAKOTA (4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
2005-2011	DAKOTA (2WD/4WD)	HP10220 ◇	L6370	2½	Outside	Yes	SS	HP10001
2000-2001	DAKOTA RT (2WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1969-1993	W-100 (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1969-1993	W-100 (2WD/4WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1969-1993	D-150, W-150 (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1969-1993	D-150, W-150 (2WD/4WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1969-1993	D-250, W-250 (2WD/4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1969-1993	D-350, W-350 (2WD/4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J

Ram 1500

1994-2001	RAM 1500 (2WD/4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1994-2001	RAM 1500 (2WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
2002-2008	RAM 1500 (2WD/4WD) HEAVY LOADS	HP10071	L5835	2½	Inside	No	DC	HP10000
		HP10071-J	L5835	2½	Inside	No	DCJ	HP10000J
2009-2024	RAM 1500 (2WD/4WD) <i>Will not fit TRX models or models with factory air suspension</i>	HP10337	L6480	2	Inside	No	SC	HP10083
		HP10337-J	L6480	2	Inside	No	SCJ	HP10083J
2019-2023	RAM 1500 CLASSIC (2WD/4WD) <i>Will not fit TRX models or models with factory air suspension</i>	HP10337	L6480	2	Inside	No	SC	HP10083
		HP10337-J	L6480	2	Inside	No	SCJ	HP10083J
2009-2023	RAM 1500 CLASSIC (2WD/4WD) <i>Will not fit TRX models or models with factory air suspension</i>	HP10567	L6576	1	Inside	No	IC	HP10560
2006-2008	RAM 1500 MEGA CAB (4WD)	HP10002 †	L5682	2	Inside	No	DC	HP10000
		HP10002-J †	L5682	2	Inside	No	DCJ	HP10000J
2006-2008	RAM 1500 MEGA CAB (2WD)	HP10089 #	L5682	2	Inside	No	SC	HP10083
		HP10089-J #	L5682	2	Inside	No	SCJ	HP10083J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE

♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5th WHEEL HITCH
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 4WD VEHICLES
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5th WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES
< FOR 'C' CHANNEL FRAMES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com

CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SPRING	BUMPERS
------	------------	-------	----------------	-------	-------------	--------	--------	---------

DODGE/RAM

Ram 2500

1994-2002	RAM 2500 (2WD/4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
2003-2013	RAM 2500 (4WD) INCLUDING MEGA CAB	HP10002 †	L5682	2	Inside	No	DC	HP10000
		HP10002-J †	L5682	2	Inside	No	DCJ	HP10000J
2013	RAM 2500 (4WD) INCLUDING MEGA CAB <small>RATED UP TO 7500lbs</small>	HP10002-X †	L6520	2	Inside	No	XD	HP10438
		HP10002-X-J †	L6520	2	Inside	No	XDJ	HP10438J
2003-2013	RAM 2500 (2WD) INCLUDING MEGA CAB	HP10089 #	L5682	2	Inside	No	SC	HP10083
		HP10089-J #	L5682	2	Inside	No	SCJ	HP10083J
2014-2024	RAM 2500 (2WD/4WD) <small>Will not fit with factory optional air equipped</small>	HP10206	L6345	2	Inside	No	DC	HP10000
		HP10206-J	L6345	2	Inside	No	DCJ	HP10000J
2014-2024	RAM 2500 (2WD/4WD) <small>Will not fit with factory optional air equipped RATED UP TO 7500lbs</small>	HP10206-X	L6521	2	Inside	No	XD	HP10438
		HP10206-X-J	L6521	2	Inside	No	XDJ	HP10438J

Ram 3500

1994-2002	RAM 3500 (2WD/4WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
2003-2018	RAM 3500 (4WD) INCLUDING MEGA CAB	HP10002 †	L5682	2	Inside	No	DC	HP10000
		HP10002-J †	L5682	2	Inside	No	DCJ	HP10000J
2013-2018	RAM 3500 (4WD) INCLUDING MEGA CAB <small>RATED UP TO 7500lbs</small>	HP10002-X †	L6520	2	Inside	No	XD	HP10438
		HP10002-X-J †	L6520	2	Inside	No	XDJ	HP10438J
2003-2018	RAM 3500 (2WD) INCLUDING MEGA CAB	HP10089 #	L5682	2	Inside	No	SC	HP10083
		HP10089-J #	L5682	2	Inside	No	SCJ	HP10083J
2019-2024	RAM 3500 (2WD/4WD) <small>Will not fit with factory optional air equipped or cab & chassis models.</small>	HP10368	L6512	2½	Inside	No	DC	HP10000
		HP10368-J	L6512	2½	Inside	No	DCJ	HP10000J
2019-2024	RAM 3500 (2WD/4WD) <small>Will not fit with factory optional air equipped or cab & chassis models. RATED UP TO 7500lbs</small>	HP10368-X	L6512	2½	Inside	No	XD	HP10438
		HP10368-X-J	L6512	2½	Inside	No	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com

CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	S	#
------	------------	-------	----------------	-------	-------------	--------	---	---

DODGE/RAM

Dodge Vans/Commercial Vehicles

2013-2024	RAM ProMaster 1500 (2WD/4WD)	HP10365	L6511	2	Inside	No	SC	HP10083
		HP10365-J	L6511	2	Inside	No	SCJ	HP10083J
2013-2024	RAM ProMaster 2500 (2WD/4WD)	HP10365	L6511	2	Inside	No	SC	HP10083
		HP10365-J	L6511	2	Inside	No	SCJ	HP10083J
2013-2024	RAM ProMaster 3500 (2WD/4WD)	HP10365	L6511	2	Inside	No	SC	HP10083
		HP10365-J	L6511	2	Inside	No	SCJ	HP10083J
2006-2018	RAM 3500 (2WD/4WD) CAB & CHASSIS <i>The HP10136 must be purchased for vehicles that have a round axle tube with the breather located approximately 7" from the spring pack.</i>	HP10002 † & HP10136	L5682	2	Inside	No	DC	HP10000
		HP10002-J † & HP10136	L5682	2	Inside	No	DCJ	HP10000J
2019-2020	RAM 3500 (2WD/4WD) CAB & CHASSIS <i>The HP10349 must be purchased for vehicles that have a round axle tube with the breather located approximately 7" from the spring pack.</i>	HP10002 † & HP10349	L5682	2	Inside	No	DC	HP10000
		HP10002-J † & HP10349	L5682	2	Inside	No	DCJ	HP10000J
2007-2009	RAM 4500 (2WD/4WD) CAB & CHASSIS	HP10121	L5934	3	Inside	No	DC	HP10068
2018-2024	RAM 4500 (2WD/4WD) CAB & CHASSIS RATED UP TO 7500lbs	HP10371-X	L6516	2½	Inside	Yes	XD	HP10438
		HP10371-X-J	L6516	2½	Inside	Yes	XDJ	HP10438J
2010-2020	RAM 4500 (2WD/4WD) CAB & CHASSIS	HP10321	L6454	2	Inside	No	DC	HP10068
2007-2009	RAM 5500 (2WD/4WD) CAB & CHASSIS	HP10121	L5934	3	Inside	No	DC	HP10068
2010-2020	RAM 5500 (2WD/4WD) CAB & CHASSIS	HP10321	L6454	2	Inside	No	DC	HP10068
2018-2024	RAM 5500 (2WD/4WD) CAB & CHASSIS RATED UP TO 7500lbs	HP10371-X	L6516	2½	Inside	Yes	XD	HP10438
		HP10371-X-J	L6516	2½	Inside	Yes	XDJ	HP10438J
2007-2009	SPRINTER 2500 (2WD)	HP10147	L6037	2½	Inside	Yes	DC	HP10000
		HP10147-J	L6037	2½	Inside	Yes	DCJ	HP10000J
2007-2024	SPRINTER 2500 / 3500 (2WD/4WD) SRV VEHICLES <i>Will not fit E-Sprinter models</i>	HP10395 **	L6536	2	Inside	No	DC	HP10000
		HP10395-J **	L6536	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 2500 / 3500 (2WD/4WD) SRV VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500lbs	HP10395-X **	L6536	2	Inside	No	XD	HP10438
		HP10395-X-J **	L6536	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 3500XD / 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10391 **	L6527	2	Inside	No	DC	HP10000
		HP10391-J **	L6527	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 3500XD / 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500lbs	HP10391-X **	L6527	2	Inside	No	XD	HP10438
		HP10391-X-J **	L6527	2	Inside	No	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
† DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5th WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	‡ HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES	◆ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5th WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230

800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5

EMAIL info@pacbrake.com

FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SS	#
------	------------	-------	----------------	-------	-------------	--------	----	---

FORD

Ford SUVs

1980-1996	BRONCO (4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1983-1990	BRONCO II (4WD)	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001

Ford Pickup Trucks

1998-2010	RANGER (2WD/4WD) <i>Will only fit with stock wheels and tires</i>	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
2019+	RANGER (2WD/4WD) EXCLUDES TREMOR	HP10352	L6491	2	Outside	No	SS	HP10199
1966-1996	F-100 (4WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1966-1996	F-100 (4WD) LIGHT LOADS	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1968-1996	F-100 (2WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1968-1996	F-100 (2WD) LIGHT LOADS	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001

Ford F-150

1966-1996	F-150 (4WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1968-1996	F-150 (2WD) HEAVY LOADS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1968-1996	F-150 (2WD) LIGHT LOADS	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
1997-2003	F-150 (2WD/4WD) INCLUDING HERITAGE	HP10033 *	L6030	2½	Outside	Yes	SS	HP10001
2004-2008	F-150 (2WD/4WD) HEAVY LOADS <i>Will not fit FX2</i>	HP10004	L5681	2	Outside	No	DC	HP10000
		HP10004-J	L5681	2	Outside	No	DCJ	HP10000J
2004-2014	F-150 (4WD) EXCLUDES RAPTOR	HP10212	L6335	2½	Inside	No	DC	HP10000
		HP10212-J	L6335	2½	Inside	No	DCJ	HP10000J
2004-2014	F-150 (2WD) EXCLUDES RAPTOR	HP10605	L6335	2½	Inside	No	SC	HP10083
2015-2020	F-150 (4WD) EXCLUDES RAPTOR	HP10358	L6497	1½	Outside	No	DC	HP10000
		HP10358-J	L6497	1½	Outside	No	DCJ	HP10000J
2021-2024	F-150 (2WD+ /4WD) INCLUDING POWER BOOST EXCLUDES RAPTOR & LIGHTNING <i>*2WD applications require use of 2" spacer HP10152. Vehicles equipped with CCD (continuously controlled dampening) require additional passenger side rear height sensor relocation brackets HP10402-RH.</i>	HP10402	L6539	2	Outside	No	DC	HP10000
		HP10402-J	L6539	2	Outside	No	DCJ	HP10000J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH		+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME		†† HP10070 KITS FIT WITH A DRAW TITE 15000 5th WHEEL HITCH	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS		‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 4WD VEHICLES	
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5th WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS		# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5th WHEEL RAIL KITS ON 2WD VEHICLES	
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com
CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	FRAME MOUNT	WHEEL HITCH	COIL OVER	SHOCK	SPRING	WHEEL RAIL
------	------------	-------	----------------	-------------	-------------	-----------	-------	--------	------------

FORD

Ford F-250

1969-1979	F-250 (2WD) UNDER 7500 GVWR	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1980-1996	F-250 (2WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1980-1997	F-250 (4WD) '97 HEAVY DUTY OVER 8600 GVWR	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1997-1998	F-250 LIGHT DUTY (2WD/4WD) UNDER 7500 GVWR	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1999-2010	F-250 SUPER DUTY (2WD/4WD)	HP10070 ††	L5754	3	Outside	Yes	DC	HP10000
		HP10070-J ††	L5754	3	Outside	Yes	DCJ	HP10000J
2005-2010	F-250 SUPER DUTY (2WD)	HP10182 »	L6220	4	Inside	No ♦	DC	HP10000
		HP10182-J »	L6220	4	Inside	No ♦	DCJ	HP10000J
2005-2010	F-250 SUPER DUTY (4WD)	HP10181 »	L6220	4	Inside	No ♦	DC	HP10000
		HP10181-J »	L6220	4	Inside	No ♦	DCJ	HP10000J
2010-2016	F-250 SUPER DUTY (2WD/4WD) <i>Will not fit vehicles with factory installed 5th wheel hitch</i>	HP10070 ††	L5754	3	Outside	Yes	DC	HP10000
		HP10070-J ††	L5754	3	Outside	Yes	DCJ	HP10000J
2011-2016	F-250 SUPER DUTY (2WD)	HP10194 »	L6219	4	Inside	No ♦	DC	HP10000
		HP10194-J »	L6219	4	Inside	No ♦	DCJ	HP10000J
2011-2016	F-250 SUPER DUTY (2WD/4WD)	HP10387 »	L6450	2	Inside	No ♦	DC	HP10000
		HP10387-J »	L6450	2	Inside	No ♦	DCJ	HP10000J
2011-2016	F-250 SUPER DUTY (2WD/4WD) <i>RATED UP TO 7500LBS</i>	HP10387-X »	L6526	2	Inside	No ♦	XD	HP10438
		HP10387-X-J »	L6526	2	Inside	No ♦	XDJ	HP10438J
2017-2022	F-250 SUPER DUTY (2WD/4WD*) SRW & DRW <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</i>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2017-2022	F-250 SUPER DUTY (2WD/4WD*) SRW & DRW <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit RATED UP TO 7500LBS</i>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J
2023-2024	F-250 SUPER DUTY (2WD/4WD*) SRW & DRW DIESEL ENGINES ONLY <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</i>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2023-2024	F-250 SUPER DUTY (2WD/4WD*) SRW & DRW DIESEL ENGINES ONLY <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit RATED UP TO 7500LBS</i>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. **Rated up to 5000lbs unless otherwise stated.**

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE

♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES
< FOR 'C' CHANNEL FRAMES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230

800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5

EMAIL info@pacbrake.com

FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	SPRING	BUSH
FORD								
Ford F-350								
1970-1997	F-350 (2WD)	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1980-1997	F-350 (4WD) EXCEPT SUPER HD CHASSIS	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1999-2004	F-350 SUPER DUTY (2WD) 11,200 GVWR & UNDER	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J
1999-2010	F-350 SUPER DUTY (2WD/4WD)	HP10070 ††	L5754	3	Outside	Yes	DC	HP10000
		HP10070-J ††	L5754	3	Outside	Yes	DCJ	HP10000J
2005-2010	F-350 SUPER DUTY (2WD)	HP10182 »	L6220	4	Inside	No ♦	DC	HP10000
		HP10182-J »	L6220	4	Inside	No ♦	DCJ	HP10000J
2005-2010	F-350 SUPER DUTY (4WD)	HP10181 »	L6220	4	Inside	No ♦	DC	HP10000
		HP10181-J »	L6220	4	Inside	No ♦	DCJ	HP10000J
2010-2016	F-350 SUPER DUTY (2WD/4WD) <i>Will not fit vehicles with factory installed 5th wheel hitch</i>	HP10070 ††	L5754	3	Outside	Yes	DC	HP10000
		HP10070-J ††	L5754	3	Outside	Yes	DCJ	HP10000J
2011-2016	F-350 SUPER DUTY (2WD)	HP10194 »	L6219	4	Inside	No ♦	DC	HP10000
		HP10194-J »	L6219	4	Inside	No ♦	DCJ	HP10000J
2011-2016	F-350 SUPER DUTY (2WD/4WD)	HP10387 »	L6450	2	Inside	No ♦	DC	HP10000
		HP10387-J »	L6450	2	Inside	No ♦	DCJ	HP10000J
2011-2016	F-350 SUPER DUTY (2WD/4WD) <i>RATED UP TO 7500LBS</i>	HP10387-X »	L6526	2	Inside	No ♦	XD	HP10438
		HP10387-X-J »	L6526	2	Inside	No ♦	XDJ	HP10438J
2017-2022	F-350 SUPER DUTY (2WD/4WD*) SRW & DRW <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</i>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2017-2022	F-350 SUPER DUTY (2WD/4WD*) SRW & DRW <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit RATED UP TO 7500LBS</i>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J
2023-2024	F-350 SUPER DUTY (2WD/4WD*) SRW & DRW DIESEL ENGINES ONLY <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</i>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2023-2024	F-350 SUPER DUTY (2WD/4WD*) SRW & DRW DIESEL ENGINES ONLY <i>Will not fit cab & chassis models. *4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit RATED UP TO 7500LBS</i>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. **Rated up to 5000lbs unless otherwise stated.**

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	‡ HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	◆ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com
CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	S	#
------	------------	-------	----------------	-------	-------------	--------	---	---

FORD

Ford F-450

2008-2010	F-450 SUPER DUTY (2WD/4WD)	HP10187 »	L6225	4	Inside	No	DC	HP10000
		HP10187-J »	L6225	4	Inside	No	DCJ	HP10000J
2011-2014	F-450 SUPER DUTY (2WD)	HP10194 »	L6219	4	Inside	No ♦	DC	HP10000
		HP10194-J »	L6219	4	Inside	No ♦	DCJ	HP10000J
2011-2014	F-450 SUPER DUTY (2WD/4WD)	HP10387 »	L6450	2	Inside	No ♦	DC	HP10000
		HP10387-J »	L6450	2	Inside	No ♦	DCJ	HP10000J
2011-2014	F-450 SUPER DUTY (2WD/4WD) <small>RATED UP TO 7500LBS</small>	HP10387-X »	L6526	2	Inside	No	XD	HP10438
		HP10387-X-J »	L6526	2	Inside	No	XDJ	HP10438J
2015-2016	F-450 SUPER DUTY (2WD/4WD)	HP10195 »	L6225	3	Inside	No	DC	HP10000
		HP10195-J »	L6225	3	Inside	No	DCJ	HP10000J
2017-2022	F-450 SUPER DUTY (2WD / 4WD [†]) SRW & DRW <small>Will not fit cab & chassis models. [†]4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</small>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2017-2022	F-450 SUPER DUTY (2WD / 4WD [†]) SRW & DRW <small>Will not fit cab & chassis models. [†]4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit <small>RATED UP TO 7500LBS</small></small>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J
2023-2024	F-450 SUPER DUTY (2WD / 4WD [†]) SRW & DRW DIESEL ENGINES ONLY <small>Will not fit cab & chassis models. [†]4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit</small>	HP10401	L6537	2½	Inside	No ♦	DC	HP10000
		HP10401-J	L6537	2½	Inside	No ♦	DCJ	HP10000J
2023-2024	F-450 SUPER DUTY (2WD / 4WD [†]) SRW & DRW DIESEL ENGINES ONLY <small>Will not fit cab & chassis models. [†]4WD Vehicles equipped with a rear sway bar or camper package need the HP10540 retrofit kit <small>RATED UP TO 7500LBS</small></small>	HP10401-X	L6538	2½	Inside	No ♦	XD	HP10438
		HP10401-X-J	L6538	2½	Inside	No ♦	XDJ	HP10438J

Ford Vans / Commercial Vehicles

2015-2024	TRANSIT 150 / 250 (2WD/4WD) SRW VEHICLES <small>Will not fit E-Transit models</small>	HP10307	L6444	2½	Inside	No	DC	HP10000
		HP10307-J	L6444	2½	Inside	No	DCJ	HP10000J
2015-2024	TRANSIT 350 (2WD/4WD) SRW VEHICLES <small>Will not fit 350HD or DRW vehicles, or E-Transit models.</small>	HP10307	L6444	2½	Inside	No	DC	HP10000
		HP10307-J	L6444	2½	Inside	No	DCJ	HP10000J
2013-2024	TRANSIT 350HD DRW (2WD/4WD) CAB & CHASSIS / CLASS C MOTORHOME	HP10398	L6541	2½	Inside	No	DC	HP10000
		HP10398-J	L6541	2½	Inside	No	DCJ	HP10000J
2008-2024	E-450 (2WD/4WD) CAB & CHASSIS / CLASS C MOTORHOME	HP10370	L6503	1½	Inside	No	DC	HP10000
		HP10370-J	L6503	1½	Inside	No	DCJ	HP10000J
2012-2024	F-450 / F-550 / F-600 (2WD/4WD) CAB & CHASSIS	HP10324	L6459	3	Outside	Yes	DC	HP10068
2009-2024	F-53 STRIPPED CAB & CHASSIS / CLASS A MOTORHOME <small>Will not fit models with 10886kg (24000lbs) or 11793kg (26000lbs) GVWR</small>	HP10475	L6559	3	Outside	Yes	DC	HP10068

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	‡ HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	#	SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS	◇		
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL		FRAME MOUNT			
FREIGHTLINER								
2007-2014	SPRINTER 2500 (2WD)	HP10147	L6037	3	Inside	Yes	DC	HP10000
		HP10147-J	L6037	3	Inside	Yes	DCJ	HP10000J
2007-2024	SPRINTER 2500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10395 **	L6536	2	Inside	No	DC	HP10000
		HP10395-J **	L6536	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 2500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10395-X **	L6536	2	Inside	No	XD	HP10438
		HP10395-X-J **	L6536	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 3500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10395 **	L6536	2	Inside	No	DC	HP10000
		HP10395-J **	L6536	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 3500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10395-X **	L6536	2	Inside	No	XD	HP10438
		HP10395-X-J **	L6536	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 3500XD (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10391 **	L6527	2	Inside	No	DC	HP10000
		HP10391-J **	L6527	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 3500XD (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10391-X **	L6527	2	Inside	No	XD	HP10438
		HP10391-X-J **	L6527	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10391 **	L6527	2	Inside	No	DC	HP10000
		HP10391-J **	L6527	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10391-X **	L6527	2	Inside	No	XD	HP10438
		HP10391-X-J **	L6527	2	Inside	No	XDJ	HP10438J

MAZDA								
1998-2010	MAZDA PICK-UPS (2WD/4WD) <i>Will only fit with stock wheels and tires</i>	HP10019 +	L5685	3	Outside	Yes	DC	HP10000
		HP10019-J +	L5685	3	Outside	Yes	DCJ	HP10000J

MERCEDES								
2010-2014	SPRINTER 2500 (2WD)	HP10147	L6037	3	Inside	Yes	DC	HP10000
		HP10147-J	L6037	3	Inside	Yes	DCJ	HP10000J
2007-2024	SPRINTER 2500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10395 **	L6536	2	Inside	No	DC	HP10000
		HP10395-J **	L6536	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 2500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10395-X **	L6536	2	Inside	No	XD	HP10438
		HP10395-X-J **	L6536	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 3500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10395 **	L6536	2	Inside	No	DC	HP10000
		HP10395-J **	L6536	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 3500 (2WD/4WD) SRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10395-X **	L6536	2	Inside	No	XD	HP10438
		HP10395-X-J **	L6536	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 3500XD (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10391 **	L6527	2	Inside	No	DC	HP10000
		HP10391-J **	L6527	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 3500XD (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10391-X **	L6527	2	Inside	No	XD	HP10438
		HP10391-X-J **	L6527	2	Inside	No	XDJ	HP10438J
2007-2024	SPRINTER 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i>	HP10391 **	L6527	2	Inside	No	DC	HP10000
		HP10391-J **	L6527	2	Inside	No	DCJ	HP10000J
2007-2024	SPRINTER 4500 (2WD/4WD) DRW VEHICLES <i>Will not fit E-Sprinter models</i> RATED UP TO 7500.LBS	HP10391-X **	L6527	2	Inside	No	XD	HP10438
		HP10391-X-J **	L6527	2	Inside	No	XDJ	HP10438J



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230

• 800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5

• EMAIL info@pacbrake.com • FAX 604.882.2330



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	FRAME MOUNT	DC	DCJ	SS	SCJ
NISSAN								
2004-2015	TITAN (2WD/4WD) <i>Will not fit PRO-4X models</i>	HP10222	L6376	2	Inside	Yes	DC	HP10000
		HP10222-J	L6376	2	Inside	Yes	DCJ	HP10000J
2016-2019	TITAN XD (2WD/4WD) XD MODELS ONLY	HP10338	L6477	2	Inside	No	DC	HP10000
		HP10338-J	L6477	2	Inside	No	DCJ	HP10000J

STERLING								
2007-2009	BULLET 4500 (2WD/4WD) CAB & CHASSIS	HP10121	L5934	3	Inside	No	DC	HP10068
2007-2009	BULLET 5500 (2WD/4WD) CAB & CHASSIS	HP10121	L5934	3	Inside	No	DC	HP10068

TOYOTA								
<i>Toyota Tacoma</i> ALL TOYOTA KITS REQUIRE A MINIMUM OF 5" BETWEEN THE TIRE AND FRAME AND WILL ONLY FIT WITH STOCK WHEELS AND TIRES 1995-2004. THIS DOES NOT APPLY TO 10311.								
1995-2004	TOYOTA TACOMA (4WD)	HP10191	L6270	3	Outside	Yes	SS	HP10173
2005-2023	TOYOTA TACOMA (4WD)	HP10311	L6449	2½	Inside	No	SC	HP10083
		HP10311-J	L6449	2½	Inside	No	SCJ	HP10083J
2005-2023	TOYOTA TACOMA PRERUNNER (2WD)	HP10311	L6449	2½	Inside	No	SC	HP10083
		HP10311-J	L6449	2½	Inside	No	SCJ	HP10083J

<i>Toyota Tundra</i> ALL TOYOTA KITS REQUIRE A MINIMUM OF 5" BETWEEN THE TIRE AND FRAME AND WILL ONLY FIT WITH STOCK WHEELS AND TIRES 1995-2004								
2001-2006	TOYOTA TUNDRA (2WD/4WD)	HP10126	L6010	2½	Outside	No	SC	HP10083
		HP10126-J	L6010	2½	Outside	No	SCJ	HP10083J
2001-2006	TOYOTA TUNDRA (2WD/4WD) <i>Trucks in which the upper jounce bumper pad protrudes 1" below the frame</i>	HP10158	L6010	2½	Outside	No	SC	HP10083
		HP10158-J	L6010	2½	Outside	No	SCJ	HP10083J
2007-2021	TOYOTA TUNDRA (2WD/4WD)	HP10128	L6010	2½	Outside	No	SC	HP10083
2022-2024	TOYOTA TUNDRA (2WD/4WD)	HP10604	L6611	2½	Inside	No	DC	HP10000
		HP10604-J	L6611	2½	Inside	No	DCJ	HP10000J

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
♦ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	# HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	◇ SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS	
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS			
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	= FOR HYDRO FORMED FRAMES		



PACBRAKE

USA 1670 Grant Ave, Blaine, WA 98230 • 800.663.0096 / pacbrake.com
CANADA 26688 56 Ave, Langley, BC V4W 3X5 • EMAIL info@pacbrake.com • FAX 604.882.2330

REV138_05.01.2024



PACBRAKE APPLICATION GUIDE

ALPHA™ AIR SUSPENSION KITS

NEW!
ALPHA™ PRO [-J KITS]
WITH JOUNCE BUMPERS!

UPDATED: May 1, 2024

YEAR	MAKE/MODEL	KIT #	INSTALL MANUAL	CLOCK	FRAME MOUNT	WRENCH	S	#
------	------------	-------	----------------	-------	-------------	--------	---	---

AIR SUSPENSION ACCESSORIES

Additional Required Add-Ons

Axel Breather Relocation Kit <i>Must be purchased with HP10002 kits for 2007-2018 RAM 3500 (2WD/4WD) CAB & CHASSIS vehicles that have a round axle tube with the breather located approximately 7" from the driver side leaf spring pack.</i>	HP10136	L5958	—	—	—	—	DC/DCJ XD/XDJ	—
Axel Breather Relocation Kit <i>Must be purchased with HP10002 kits for 2019± RAM 3500 (2WD/4WD) CAB & CHASSIS vehicles that have a round axle tube with the breather located approximately 7" from the driver side leaf spring pack.</i>	HP10349	L6490	—	—	—	—	DC/DCJ XD/XDJ	—
HP10401 / HP10401-X RetroFit <i>Must be purchased with HP10401 / HP10401-X kits for 2017-2024 F-450 SUPER DUTY 4WD vehicles equipped with a rear sway bar or camper package.</i>	HP10540	L6537 / L6538	—	—	—	—	DC/DCJ XD/XDJ	—
(Passenger Side) Rear Height Sensor Relocation Brackets <i>Must be purchased with HP10402 kits for 2021-2024 FORD F-150 4WD vehicles equipped with CCD (continuously controlled dampening). HP10402 kits include driver side brackets.</i>	HP10402-RH	L6594	—	—	—	—	DC/DCJ XD/XDJ	—

Spacers

2" Spacers UNIVERSAL FIT with single & double convoluted air springs only	HP10152	L6100	—	—	—	—	SC/SCJ DC/DCJ	—
4" Spacers UNIVERSAL FIT with single & double convoluted air springs only	HP10154	L6100	—	—	—	—	SC/SCJ DC/DCJ	—
6" Spacers UNIVERSAL FIT with single & double convoluted air springs only	HP10156	L6100	—	—	—	—	SC/SCJ DC/DCJ	—

REPLACEMENT PARTS

Replacement Air Springs

REPLACEMENT In-Coil Air Spring (NEW! Replacement Bag for HP10189)	HP10560	—	—	—	—	—	IC	—
REPLACEMENT Sleeve Style Air Spring	HP10001	—	—	—	—	—	SS	—
REPLACEMENT Sleeve Style Air Spring	HP10173	—	—	—	—	—	SS	—
REPLACEMENT Sleeve Style Air Spring	HP10199	—	—	—	—	—	SS	—
REPLACEMENT Heavy Duty Single Convoluted Air Spring	HP10083	—	—	—	—	—	SC	—
REPLACEMENT Heavy Duty Single Convoluted Air Spring	HP10083J	—	—	—	—	—	SCJ	—
REPLACEMENT Heavy Duty Double Convoluted Air Spring	HP10000	—	—	—	—	—	DC	—
REPLACEMENT Heavy Duty Double Convoluted Air Spring	HP10000J	—	—	—	—	—	DCJ	—
REPLACEMENT Heavy Duty Large Double Convoluted Air Spring	HP10068	—	—	—	—	—	DC	—
REPLACEMENT Xtreme Duty Large Double Convoluted Air Spring	HP10438	—	—	—	—	—	XD	—
REPLACEMENT Xtreme Duty Large Double Convoluted Air Spring	HP10438J	—	—	—	—	—	XDJ	—

Replacement Parts

Additional Airline Hose Assembly UNIVERSAL FIT	HP1344	—	—	—	—	—	—	—
---	--------	---	---	---	---	---	---	---

PLEASE NOTE: Kits are designed to fit stock vehicles. For modified vehicles we recommend checking the fitment in our application guides. Rated up to 5000lbs unless otherwise stated.

REPLACEMENT AIR SPRING PART #	AIR SPRING STYLE	SUGGESTED INSTALL TIME (HOURS)	VEHICLE MODIFICATION REQUIRED
IC IN-COIL	SS STANDARD DUTY SLEEVE STYLE	DC HEAVY DUTY DOUBLE CONVOLUTED	DCJ HD DOUBLE CONVOLUTED w/ JOUNCE
SC HEAVY DUTY SINGLE CONVOLUTED	SCJ HD SINGLE CONVOLUTED w/ JOUNCE	XD XTREME DUTY DOUBLE CONVOLUTED	XDJ XD DOUBLE CONVOLUTED w/ JOUNCE
⬆ DRILLING MAY BE REQUIRED ON TRUCKS WITH AN AFTERMARKET 5" WHEEL HITCH	+ HP10019 KITS FIT WITH A REESE 5th WHEEL RAIL KIT (MODELS 30033, 30035 & 30729)	†† HP10070 KITS FIT WITH A DRAW TITE 15000 5" WHEEL HITCH	‡ HP10002 KITS FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 4WD VEHICLES
* HP10033 KITS REQUIRE 6" BETWEEN THE TIRE AND FRAME	‡ HP10089 KITS WILL NOT FIT WITH 3349 & 3319 SUPERGLIDE 5" WHEEL RAIL KITS ON 2WD VEHICLES	#	SEE MANUAL OR CALL 800.663.0096 FOR SPECIFIC SUB-MODEL APPLICATIONS
** WILL NOT FIT MODELS WITH RIDE HEIGHT SENSORS	◇		
» FOR ALL TRUCKS, INCLUDING THOSE WITH 5" WHEEL HITCHES. NOT FOR CHASSIS CAB TRUCKS			
< FOR 'C' CHANNEL FRAMES	=		



PACBRAKE

USA

1670 Grant Ave, Blaine, WA 98230

800.663.0096 / pacbrake.com



CANADA

26688 56 Ave, Langley, BC V4W 3X5

EMAIL info@pacbrake.com

FAX 604.882.2330

REV138_05.01.2024