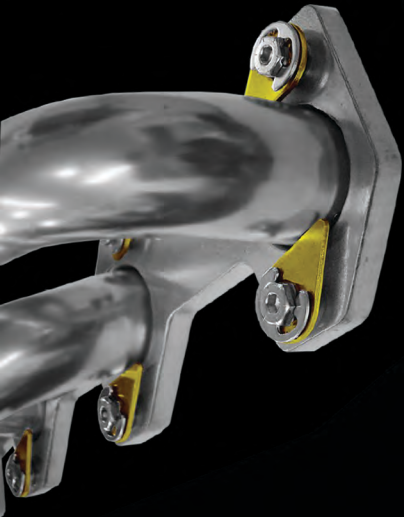




*Kits now available
for all headers!*



*Kits now available
for all turbos!*



The World's Best Locking Fasteners



Used In The World's Most Demanding Industries



RAILWAY



AEROSPACE



HEAVY EQUIPMENT



MARINE



The World's Best Locking Fasteners

Stage 8™ designs the world's most effective active mechanical locking systems that prevent even a single degree of fastener loosening rotation. They provide significantly more breakaway torque than any other locking system. Stage 8 has over 78 patents and trademarks, issued or applied for. We have over 18 million locking systems installed in automotive and industrial applications, not a single failure has been reported.

Stage 8 technology has consistently delivered measurable increases in equipment reliability and safety, and dramatic reductions in maintenance costs. Stage 8 Locking Fasteners install easily and are available in all U.S. and Metric sizes. Exhaust Header Bolt Kits are application specific as either $\frac{7}{16}$ hex head with a $\frac{3}{16}$ recessed Allen head or 12 point, both come in multiple lengths.

Contents

Locking Header Bolts (General Motors).....	Page 3	CV Joint Kits.....	Page 10
Locking Header Bolts (Ford Motor Company).....	Page 4	Manual Hub Locking Bolt Kits.....	Page 10
Locking Header Bolts (AMC).....	Page 6	X-Lock Locking Spindle Nut Kits.....	Page 11
Locking Header Bolts (Imports/Metric).....	Page 6	Steering Box Locking System.....	Page 11
Locking Header Bolts (MOPAR).....	Page 7	Industrial Solutions	
Locking Collector Bolt Kits.....	Page 8	Mission Critical Applications.....	Page 12
Locking Turbo Charger Fastener Kits.....	Page 9	Custom Fastener Solutions.....	Page 12

Stage 8 Groovelok Bolt... The Heart Of The System

The patented Groovelok Bolt® is the heart of all the Stage 8™ locking systems. All of these locking systems have been applied in a wide range of automotive and industrial applications with a 100% record of success.



Stage 8 Has A System For Every Application

Stage 8™ is the manufacturer of the world's only mechanically active, fail-safe Locking Fastener systems.

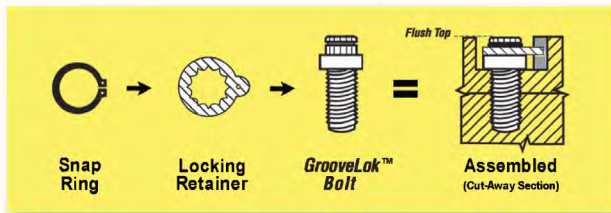
We have systems for counterbore, spindle or pinion, abutment or stand-alone joints.

If you can get a fastener there, we will keep it there – guaranteed!

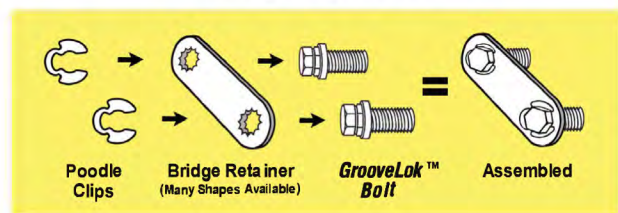
Stage 8 Locking Fasteners has over 18,000,000 installations with no reports of failure.

If you do not see what you need in this catalog please give us a call at 800.843.7836.

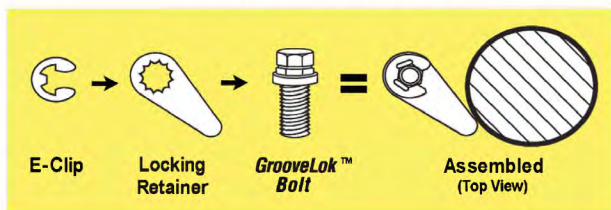
Counter Bore System



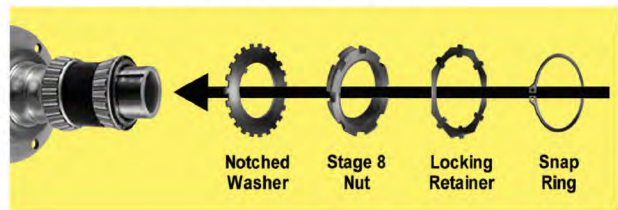
Bridge System



Abutment System

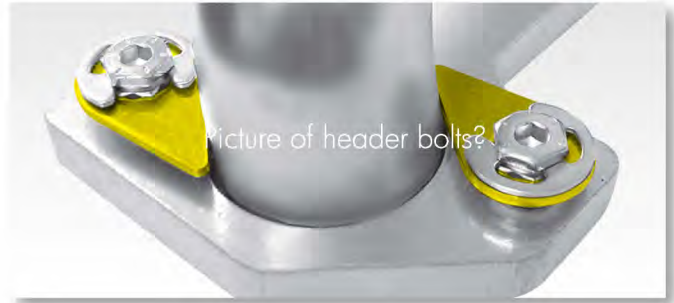


Spindle Nut System



Locking Header Bolt Kits

Stage 8™ Locking header bolts are easy to install and a real assurance against horsepower loss or gasket failure. The unique patented and trademarked functional design is just three pieces: Groovelok Bolt® (4140 Alloy Steel), a locking retainer and E-clip.



Stage 8 Locking Header Bolts | *General Motors*

INLINE 4 & 6 CYLINDER

	Part #	Description
3.6L V6 Cadillac	6905	(14) 8mm -1.25X25mm 6pt DHH
V6 2.8 & 3.8 Liter	6910	(12) 8mm -1.25x25mm bolts 6pt DHH
Inline 6	6911	(8) 3/8 -16x1 1/4" bolts 12pt
V6 3.8 Liter with 5/16" Bolts	6912	(12) 5/16 -18x7/8" bolts 6pt DHH
V6 with 3/8" Bolts	8911	(12) 3/8 -16x3/4" bolts 6pt DHH
	8911A	(12) 3/8 -16x1" bolts 6pt DHH
	8931	(12) 3/8 -16x1" bolts 12pt
	8951	(12) 3/8 -16x1" bolts 6pt Stainless Steel DHH

8 CYLINDER

LT1 - LT4 2014 and later	8917	(10) 8mm -1.25x25mm bolts 6pt DHH
All LS Series Small Blocks (LS1 - LS9)	8900	(12) 8mm -1.25x25mm bolts 6pt DHH
ZR1 350 C.I.D.	8908	(32) 8mm -1.25x30mm bolts 12pt
OEM Corvette Headers '84-'95	8907	(12) 3/8 -16x2" bolts 12pt
Small Blocks 265 - 400 cu/in	8911	(12) 3/8 -16x3/4" bolts 6pt DHH
(exc. ZR1 and w/Brodix Heads and all LS Series)	8911A	(12) 3/8 -16x1" bolts 6pt DHH
	8911B	(12) 3/8 -16x1 1/4" bolts 6pt DHH
	8931	(12) 3/8 -16x1" bolts 12pt
	8951	(12) 3/8 -16x1" bolts 6pt Stainless Steel DHH
Small Blocks w/ Brodix Heads	8912A	(16) 3/8 -16x1" bolts 6pt DHH
Big Blocks 396 - 502 cu/in	8912	(16) 3/8 -16x3/4" bolts 6pt DHH
(exc. 348 & 409)	8912A	(16) 3/8 -16x1" bolts 6pt DHH
	8912B	(16) 3/8 -16x1 1/4" bolts 6pt DHH
	8932	(16) 3/8 -16x1" bolts 12pt
	8952	(16) 3/8 -16x1" bolts 6pt Stainless Steel DHH
Big Blocks 348 & 409 cu/in	8101S	(14) 3/8 -16x1" bolts 6pt DHH
Vortec 8100	8912V	(16) 8mm -1.25x25mm bolts 6pt DHH
6.2 Liter Diesel	8912M	(16) 10mm -1.50x25mm bolts 6pt DHH

Stage 8 Locking Header Bolts | General Motors

BUICK, OLDS AND PONTIAC '79 & EARLIER

Part #	Description
8916S	(12) 3/8 -16x3/4" bolts 6pt DHH
8916A	(12) 3/8 -16x1" bolts 6pt DHH
8936	(12) 3/8 -16x1" bolts 12pt
8956	(12) 3/8 -16x1" bolts 6pt Stainless Steel DHH

2 BOLT HEADER KITS

8910A	(2) 3/8 -16x1" bolts 6pt DHH
8910B	(2) 3/8 -16x1 1/4" bolts 12pt

Additional General Motors Locking Kits

SMALL BLOCK CHEVY (Except LS Series)

Part #	Description
8950	Header Collector (6) 3/8 -16x1" bolts 6pt
8926	Intake Manifold
8993	Harmonic Balancer
8996	Starter Motor
8940	Oil Pan
8960	Valve Cover
8960S	Valve Cover w/ 1" bolts
8961	Valve Cover w/ 1/4 -20 nuts
8921	Timing Cover
8971	Water Pump (Short)
8903	Distributor Hold-Down
8959	Pressure Plate
8965A	Flex Plate
8965	Flywheel
	Automatic Transmission Pan
8701	13 Bolt Pan w/ 5/16 -18x1/2
8702	17 Bolt Pan w/ 5/16 -18x1/2

BIG BLOCK CHEVY (Except LS Series)

Part #	Description
8950	Header Collector (6) 3/8 -16x1" bolts 6pt
8927	Intake Manifold
8994	Harmonic Balancer
8996	Starter Motor
8941	Oil Pan
8960B	Valve Cover
8921	Timing Cover
8972	Water Pump (Short)
8903	Distributor Hold-Down
8959	Pressure Plate
8965A	Flex Plate
8965	Flywheel
	Automatic Transmission Pan
8701	13 Bolt Pan w/ 5/16 -18x1/2
8702	17 Bolt Pan w/ 5/16 -18x1/2

INLINE 6 & 6 CYLINDER

8967S	Flywheel Inline 6
8966A	Flex Plate (exc. 2.8 Liter)
8966	Flywheel (exc. 2.8 Liter)

Stage 8 Locking Header Bolts | Ford

4 CYLINDER

Part #	Description
6100	(8) 5/16 -18x1" bolts 12pt
6101	(10) 8mm -1.25x25mm bolts 6pt DHH
6101	(10) 8mm -1.25x25mm bolts 6pt DHH
4928	(8) 10mm -1.50x25mm bolts 6pt DHH

Stage 8 Locking Header Bolts | **Ford**

INLINE 6 & 6 CYLINDER

	Part #	Description
2.9, 3.8 & 4.0 Liter	6919	(12) 8mm-1.25x25mm bolts 6pt DHH
144, 170, 200 & 250 cu/in Inline	6913	(11) 3/8-16x1" bolts 6pt DHH
240 & 300 cu/in Inline	6914	(13) 3/8-16x1 1/4" bolts 12pt
Using 10mm bolts	6920	(12) 10mm-1.50x25mm bolts 6pt DHH

8 CYLINDER

5.0L & 6.2L Coyote*	8914	(16) 10mm -1.25x25mm bolts 6pt DHH
5.0L & 6.2L Coyote*	8914C	(16) 10mm -1.50x25mm bolts 6pt DHH
4.6 & 5.4 Liter Modular up to 2004	8906	(16) 8mm -1.25x25mm bolts 6pt DHH
4.6 & 5.4 Liter Modular 2005 and later	8906M	(16) 8mm -1.25x25mm bolts 6pt DHH
5.0 Liter up to 1995	8913	(16) 3/8 -16x3/4" bolts 6pt DHH
	8913A	(16) 3/8 -16x1" bolts 6pt DHH
	8913B	(16) 3/8 -16x1 1/4" bolts 6pt DHH
	8933	(16) 3/8 -16x1" bolts 12pt
	8953	(16) 3/8 -16x1" bolts 6pt Stainless Steel DHH
Small Blocks 260 – 351W cu/in	8913	(16) 3/8 -16x3/4" bolts 6pt DHH
	8913A	(16) 3/8 -16x1" bolts 6pt DHH
	8913B	(16) 3/8 -16x1 1/4" bolts 6pt DHH
	8933	(16) 3/8 -16x1" bolts 12pt
	8953	(16) 3/8 -16x1" bolts 6pt Stainless Steel DHH
Big Blocks 390 – 460 cu/in	8912	(16) 3/8 -16x3/4" bolts 6pt DHH
(inc. 351C & 351M)	8912A	(16) 3/8 -16x1" bolts 6pt DHH
	8912B	(16) 3/8 -16x1 1/4" bolts 6pt DHH
	8932	(16) 3/8 -16x1" bolts 12pt
	8952	(16) 3/8 -16x1" bolts 6pt Stainless Steel DHH

10 CYLINDER

6.8 Liter Modular	8905	(20) 8mm -1.25x25mm bolts 6pt DHH
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2 BOLT HEADER KITS

8910A	(2) 3/8 -16x1" bolts 6pt DHH
8910B	(2) 3/8 -16x1 1/4" bolts 12pt

*Coyote motor owners should check thread pitch before ordering

Additional Ford Motor Company Locking Kits

SMALL BLOCK FORD

	Part #		Part #
Header Collector (6) 3/8 -16x1" bolts 6pt	8950	Distributor Hold-Down	8904
Intake Manifold	8928	Pressure Plate	8959
Harmonic Balancer	8992	Flex Plate	8967A
Oil Pan	8940	Flywheel	8967
Valve Cover	8960B	Automatic Transmission Pan	
Valve Cover w/ 1" bolts	8960S	13 Bolt Pan w/ 5/16 -18x1/2"	8701
Valve Cover w/ 1/4 -20 nuts	8961	17 Bolt Pan w/ 5/16 -18x1/2"	8702

Additional Ford Motor Company Locking Kits

BIG BLOCK FORD	<i>Part #</i>		<i>Part #</i>
Header Collector (6) 3/8 -16x1" bolts 6pt	8950	Pressure Plate	8959A
Intake Manifold	8928A	Flywheel	8967
Harmonic Balancer	8992	Automatic Transmission Pan	
Oil Pan	8941	13 Bolt Pan w/ 5/16 -18x1/2"	8701
Valve Cover	8960B	17 Bolt Pan w/ 5/16 -18x1/2"	8702
Distributor Hold - Down	8904	FORD	
Flex Plate	8967A	Powerstroke Turbo Bolts	3900

Stage 8 Locking Header Bolts | **AMC**

4 CYLINDER	<i>Part #</i>	<i>Description</i>
150 cu/in	4918	(8) 3/8 -16x1 1/4" bolts 12pt
6 CYLINDER		
192, 232, 258 cu/in	6917	(12) 3/8 -16x1 1/4" bolts 12pt
4.0 Liter and 242 cu/in EFI, inline 6	6918	(11) 3/8 -16x1 1/4" bolts 12pt
V6 with 8mm bolts	6969	(12) 8mm -1.25x25mm bolts 6pt DHH
8 CYLINDER		
V8's with 3/8" bolts	8916S	(12) 3/8 -16x3/4fl bolts 6pt DHH
	8916A	(12) 3/8 -16x1" bolts 6pt DHH
	8936	(12) 3/8 -16x1" bolts 12pt
	8956	(12) 3/8 -16x1" bolts 6pt DHH
V8's with 5/16" bolts	8915	(12) 5/16 -18x7/8" bolts 6pt DHH
	8935	(12) 5/16 -18x1" bolts 12pt
V8's with 5/16" & 3/8" bolts	8918S	(8) 5/16 -18x7/8" & (4) 3/8-16x3/4" bolts 6pt DHH
	8939	(8) 5/16 -18x1" & (4) 3/8-16x1" bolts 12pt

Stage 8 Locking Header Bolts | **MOPAR**

4 CYLINDER	<i>Part #</i>	<i>Description</i>
2.0 Liter	4925	(8) 8mm -1.25x25mm bolts 6pt DHH
2.4 Liter	4926	(10) 8mm -1.25x25mm bolts 6pt DHH
INLINE 6 & 6 CYLINDER		
Inline 6 Cyl.	6915	(13) 5/16 -24 nuts
3.5 Liter & 3.8 Liter	6928	(12) 8mm -1.25x25mm bolts 6pt DHH
3.9 Liter	6916	(8) 5/16 -18x7/8" bolts 6pt DHH
	6931	(8) 5/16 -18x1" bolts 12pt
8 CYLINDER		
4.7L, 5.7L, 6.1L All New Hemi including Hellcat	8916	(17) 8mm -1.25x25mm bolts 6pt DHH
Small Block 273 - 360 cu/in	8915	(12) 5/16 -18x7/8" bolts 6pt DHH
(incl. 5.2 & 5.9 Liter)	8935	(12) 5/16 -18x1" bolts 12pt
	8955	(12) 5/16 -18x1" bolts 12pt Stainless Steel

8 CYLINDER

	Part #	Description
Big Block 383 – 440 cu/in (exc. 413 cu/in)	8916S	(12) 3/8 -16x3/4" bolts 6pt DHH
	8916A	(12) 3/8 -16x1" bolts 6pt DHH
	8936	(12) 3/8 -16x1" bolts 12pt
413 cu/in	8956	(12) 3/8 -16x1" bolts 6pt Stainless Steel DHH
	8912	(16) 3/8 -16x3/4" bolts 6pt DHH
	8912A	(16) 3/8 -16x1" bolts 6pt DHH
	8932	(16) 3/8 -16x1" bolts 12pt
	8952	(16) 3/8 -16x1" bolts 6pt Stainless Steel DHH
Dodge Cummins Header Bolts	6935	(12) 10mm -1.50x30mm 12pt Grade 12.9 Bolts
	6935B	(12) 10mm -1.50x30mm 6pt Grade 10.9 Flange Bolts

10 CYLINDER

8.0 Liter	8909	(20) 5/16 -18x7/8" bolts 6pt DHH
	8909B	(20) 5/16 -18x1" bolts 12pt

2 BOLT HEADER KITS

8910A	(2) 3/8 -16x1" bolts 6pt DHH
8910B	(2) 3/8 -16x1 1/4" bolts 12pt

Additional MOPAR Locking Kits

SMALL BLOCK MOPAR

	Part #
Header Collector (6) 3/8 -16x1" bolts 6pt	8950
Intake Manifold	8929
Harmonic Balancer	8995
Oil Pan	8941
Valve Cover	8960A
Valve Cover w/ 1" bolts	8960S
Valve Cover w/ 1/4 - 20 nuts	8961
Distributor Hold -Down	8903
Pressure Plate	8959
Flywheel	8967S
Automatic Transmission Pan	
13 Bolt Pan w/ 5/16 -18x1/2"	8701
17 Bolt Pan w/ 5/16 -18x1/2"	8702

BIG BLOCK MOPAR

Header Collector (6) 3/8 -16x1" bolts 6pt	8950
Intake Manifold	8929
Harmonic Balancer	8995
Oil Pan	8941
Valve Cover	8960B
Distributor Hold -Down	8903
Pressure Plate	8959
Flywheel	8967S
Automatic Transmission Pan	
13 Bolt Pan w/ 5/16 -18x1/2"	8701
17 Bolt Pan w/ 5/16 -18x1/2"	8702



Harmonic Balancer Kit



Oil Pan Kit



Transmission Pan Kit

4 CYLINDER

	Part #	Description
Using 8mm bolts	4925	(8) 8mm -1.25X25mm bolts 6pt DHH
Using 8mm bolts	4926	(10) 8mm -1.25x25mm bolts 6pt DHH
Using 8mm nuts	4927	(10) 8mm -1.25 nuts
Using 10mm bolts	4928	(10) 10mm -1.50x25mm 6pt bolts DHH
Using 10mm -1.25 nuts	4929	(10) 10mm -1.25 nuts
Using 10mm -1.50 nuts	4930	(10) 10mm -1.50 nuts
Nissan 240, 260, 280Z	6921	(17) 8mm -1.25 nuts

5 CYLINDER

Audi & VW w/ 8mm nuts	5927	(10) 8mm -1.25 nuts
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6 CYLINDER

	Part #	Description
Using 10mm bolts	6920	(12) 10mm -1.50x25mm 6pt bolts DHH
BMW 6 Cylinder	6927	(12) 8mm -1.25 nuts
68 – 74 Toyota Landcruiser	6923	(8) 10mm -1.25 nuts
75 – 87 Toyota Landcruiser	6924	(8) 12mm -1.25 nuts
FJ Cruiser	6925	(12) 8mm -1.25X25mm bolts 6pt DHH
V6 using 8mm bolts	6969	(12) 8mm -1.25X25mm bolts 6pt DHH

8 CYLINDER

Up to 2006 4.7L & 5.7L V8 Toyota	8919	(16) 10mm -1.50x25mm bolts 6pt DHH
2007 and up Toyota V8 4.7L & 5.7L	8923	(16) 8mm -1.25x25mm bolts 6pt DHH
V6 Tacoma up to 2006	6922	(12) 10mm - 1.50x25mm bolts 6pt DHH
V6 Tacoma 2007 – onward	6969	(12) 8mm - 1.25x25mm bolts 6pt DHH

Locking Collector Bolt Kits

By adding one additional piece of hardware, a threaded tab, Stage 8™ locks both sides of the bolts on flange-style collectors. An additional benefit is that after the tab is threaded on the backside of the bolt you only need one wrench to torque the bolt! As always they will not come loose until they are removed!



Stage 8 Locking Collector Bolt Kits

Application	Part #	Description
Collector Bolt Kit	5550	(4) 3/8 -16 X 1" bolts
Collector Bolt Kit	5550SS	(4) 3/8 -16 X 1" Stainless
Collector Bolt Kit	5551	(4) 3/8 -16 X 1-1/2" bolts
Collector Bolt Kit	5552	(4) 3/8 -16 X 2" bolts

Stage 8 Locking Collector Bolt Kits

Application	Part #	Description
Collector Bolt Kit	5553	(4) 3/8 -16 x 2-1/2" bolts
Collector Bolt Kit	5554	(4) 3/8 -16 x 3" bolts
Collector Bolt Kit	5555	(4) M10 -1.50 x 50mm bolts
Collector Bolt Kit	5556	(4) M10 -1.50 x 65mm bolts
Collector Bolt Kit	5557	(4) M10 -1.50 x 75mm bolts
Collector Bolt Kit	8950	(6) 3/8 -16 x 1" bolts
Collector Bolt Kit	8950A	(6) 3/8 -16 x 2" bolts
Collector Bolt Kit	8950B	(6) 3/8 -16 x 2-1/2" bolts
Collector Bolt Kit	8950C	(6) 3/8 -16 x 3" bolts
Collector Bolt Kit	8950F	(6) M10 -1.50 x 75mm bolts
Collector Bolt Kit	8950M	(6) M10 -1.50 x 50mm bolts
Collector Bolt Kit	8950N	(6) M10 -1.50 x 65mm bolts
Collector Bolt Kit	8950S	(6) 3/8 -16 x 1-1/2"
Collector Bolt Kit	8950SS	(6) 3/8 -16 x 1" Stainless

Turbo Charger Fastener Kits

Nothing goes through thermal cycling and vibration quite like turbochargers. Stage 8™ utilizes our patented and proven technology to ensure no loss of horsepower due to loosening turbo mounting fasteners. Whether your application uses bolts or nuts and studs Stage 8 Locking Turbo Kits stay tight - guaranteed!



Stage 8 Locking Turbo Fastener Kits

Application	Part #	Description
Turbo Waste Gate Bolt Kit	3901	(2) 8mm -1.25x25mm 6pt DHH with 7/16 Head and Stainless Steel Hardware
Turbo Kit	3902	(4) 8mm -1.25x25mm 6pt DHH with 7/16 Head and Stainless Steel Hardware
Turbo Kit	3903	(4) 10mm -1.25x25mm 6pt DHH with 7/16 Head and Stainless Steel Hardware
Turbo Kit	3904	(4) 10mm -1.50x25mm 6pt DHH with 7/16 Head and Stainless Steel Hardware
Turbo Kit	3906	(4) 3/8 -16X1" 6pt DHH with 7/16 Head and Stainless Steel Hardware
Turbo Kit	3950	(4) 8mm -1.25 nuts with 13mm Head and Stainless Steel Hardware
Turbo Kit	3951	(4) 10mm -1.25 nuts with 14mm Head and Stainless Steel Hardware
Turbo Kit	3952	(4) 10mm -1.50 nuts with 15mm Head and Stainless Steel Hardware
Turbo Kit	3953	(4) 3/8 -16X1 1/4" 12pt bolts and Stainless Steel Hardware
Turbo Kit	3954	(4) 3/8 - 24 nuts with 9/16" Head and Stainless Steel Hardware
Turbo Kit	3956	(4) 3/8 -16 nuts with 9/16" Head and Stainless Steel Hardware

CV Joint Kit



Stage 8™ Locking CV Joint Bolts are easy to install but they are absolute assurance against loose nuts or bolts. The unique patented and trademarked functional design is just three pieces: Groovelok Bolt® (4140 Alloy Steel), a locking retainer and snap rings.

Stage 8 Locking CV Joint Kits

Application	Part #	Description
CV Joint Kit	8320	(12) 8mm-1.25x45mm 12pt Bolts
CV Joint Kit	8321	(12) 3/8-24x1 3/4" 12pt Bolts
CV Joint Kit	8322	(12) 3/8-24x2 1/4" 12pt Bolts
CV Joint Kit	8323	(12) 3/8-24x2 1/2" 12pt Bolts
CV Joint Kit	8324	(12) 8mm-1.25X50mm 12pt Bolts
CV Joint Kit	8325	(16) 8mm-1.25X50mm 12pt Bolts
CV Joint Kit	8326	(12) 10mm-1.50X45mm 12pt Bolts
CV Joint Kit	8327	(12) 10mm-1.50X50mm 12pt Bolts
CV Joint Kit	8328	(12) 10mm-1.50X60mm 12pt Bolts
CV Joint Kit	8329	(16) 10mm-1.50X45mm 12pt Bolts
CV Joint Kit	8330	(16) 10mm-1.50X50mm 12pt Bolts
CV Joint Kit	8331	(16) 10mm-1.50X55mm 12pt Bolts
CV Joint Kit	8332	(12) 8mm-1.25x55mm 12pt Bolts
CV Joint Kit	8333	(12) 8mm-1.25x60mm 12pt Bolts
CV Joint Kit	8334	(12) 8mm-1.25x65mm 12pt Bolts
CV Joint Kit	8335	(12) 10mm-1.50x55mm 12pt Bolts



Manual Hub Locking Kit

No matter if it's a brutal 4x4 competition or just a weekend trial outing, Stage 8's Manual Hub Locking Fasteners are guaranteed not to loosen. Designed to save you downtime and repair dollars under the most rugged conditions.

Stage 8 Manual Hub Locking Bolt Kit

Application	Part #	Description
Manual Hub Locking Bolt Kit	8901	Warn Style Manual Lock-out (12) 3/8-16X1 1/4" 12pt
Manual Hub Locking Bolt Kit	8902	Selectro Style Manual Lock-out (12) 3/8-16X1" 12pt



X-LOCK Locking Spindle Nuts

X-LOCK™ is a locking spindle nut system that replaces the outdated and difficult to adjust dual jam-nut system. X-LOCK withstands up to 450 Foot-pounds of reverse torque and is lockable in any position so it is never necessary to over/under torque ensuring proper pre-load is maintained. X-LOCK is reusable, constructed out of 4130 chromoly steel and through hardened for superior performance and long life dependability.

Stage 8 X-LOCK Locking Spindle Nut Kits

Application	Part #	Description
Dana 44, 35* & 30* (GM Corp 10 Bolt)	DNA - 44	(5) Piece Locking Spindle Nut System with 1 5/8"-16 Nut
Dana 60, 70 & 80 (GM Corp 14 Bolt)**	DNA - 60	(5) Piece Locking Spindle Nut System with 2"-16 Nut

*A minimal internal hub dimension of 2.83" is required. Check internal hub dimension before ordering.

**Several hubs are available for the Corporate 14 Bolt axle. Not all of them will accommodate the X-LOCK. A minimal internal hub dimension of 3.03" is required. Check internal hub dimension before ordering.

Steering Box Locking System

Provides fail-safe assurance against loosening adjustment plate bolts. Researched and developed for the NASCAR Steering Box, Stage 8 has made the same design available for the standard GM-700 Steering Box.



Stage 8 Steering Box Locking System

Application	Part #	Description
GM - 700 Steering Box w/stock top plate	SB103	(4) 3/8 -16x3/4" 6pt DHH with (2) 1.85" C to C locking bridges
GM - 700 Steering Box w/1/2" thick top plate	SB101	(4) 3/8 -16X1" bolts 6pt DHH with (2) 1.85" C to C locking Bridges
NASCAR Steering Box	SB102	(4) M10 -1.5X35mm bolts 12pt with (2) 59.44mm C to C Locking Bridges

Fastener Solutions For Mission Critical Applications

The majority of our industrial customers turned to Stage 8 when a critical fastener loosening problem severely affected equipment availability, maintenance costs, and safety. All of the Stage 8 locking systems (Abutment, Counter Bore, Bridge, and Spindle Nut) have been applied in a wide range of industrial applications with a 100% record of success.

A typical industrial inquiry will focus on a bolt, cap screw, or spindle nut application that has been failing in service due to vibration, thermal cycling, or whatever service environment problem there may be. Stage 8 will design a prototype solution and manufacture the locking system to accommodate load, corrosion, clearance, and material requirements. Our customers will test our prototypes in service to ensure performance. We are always gratified to participate in a shaker, fatigue or real-world test since we consistently come out #1 in comparison to all of the alternatives.

Stage 8 has celebrated our 30th anniversary in business, and we have developed excellent long term working relations with a wide variety of product and service providers. This, in combination with our small business versatility and quick response, allows us to respond to opportunities with prototypes and engineered solutions in an extremely short time period.

Stage 8 Locking Fasteners are available in standard or custom Inch and Metric sizes, are easily installed without special tools, and can even be removed and reused if necessary. Millions of our locking fasteners have been installed without a single failure.

Custom Fastener Solutions

During the past thirty years Stage 8 has produced over 18 million locking fasteners for a multitude of applications without a single failure. All of our fasteners are proudly made in the USA and are guaranteed to complete their mission.

Stage 8 Locking Fastener Systems are being Used in the Following Industries

- Performance Automotive & Off Road
- Military & Aerospace OEM's
- Freight Railroad: Track, Signal Systems, Locomotives & Rolling Stock
- Transit: Bus & Passenger Rail Equipment
- Construction & Farm Equipment
- Power Systems: Turbines & Rotating Equipment
- Manufacturing Equipment & Conveyor Systems
- Turbo Mounting Bolts and Nuts

Our customers develop the material, preload, and torque specifications for their fastener applications.

It is Stage 8's job to keep them in place.

Our engineering staff is ready to assist you in solving your most critical fastener challenge.

Call 800.843.7836



www.Stage8.com

Made in America For Over 30 Years





www.Stage8.com

Call 800.843.7836

E-mail: info@stage8.com

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