

Issue #46 - AUGUST 2016

Heavy Duty / AG

Sterling

Engine Parts



SHOP SOLUTION

NO MORE BROKEN EZ-OUTS

EZ-Outs are too easy to break and the work that it takes to remove a broken one is worse than removing the original broken bolt or stud. The very nature of the tapered bit can cause additional sidewall tension and does the opposite of loosening a bolt. I drill the broken bolt with a drill bit that is about .090" smaller than the base thread. Next I use Torx bits in place of an EZ-Out bit. Pick one that is slightly larger than your hole and drive it in. The broaching action of the star shaped bit driving into the bolt will loosen the threads and pull the bolt in away from the parent hole. Use the appropriate socket on the Torx and back the broken bolt from the hole. I shop for the cheapest Torx bits I can find and have found tool outlets where you can buy them in bulk. No more trips over to the EDM to remove EZ-outs.



Keith Hennen

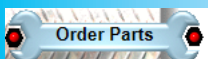
Hennen Engine Parts & Machine, Green Isle, MN

Read all tips in Engine Builder Magazine, or register for Sterling's e-news and get it delivered to your inbox every month.

Heavy Duty Kit Catalog

www.kcenginepro.com

1. Click - Order Parts



2. Click - Kit Catalog



3. Select Vin code "AG/HD/IND" and Engine

Products	
Year	- any Year -
Make	- any Make -
Engine	- any Engine -
Vin code	- any Vin code -
Manuf	D17A
	E
	FE
	H22A
	P
	2
	early Buick
	early Chev
	A
	AG / HD / IND
	AJ
	ALH
	AM1
	A5D

\$100 Visa Card

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GENUINE

Part # "PROMO"

Allis Chalmers
Case
Caterpillar
Continental
Cummins
Detroit Diesel
Deutz
Hercules
IHC
John Deere
Komatsu
Mack
Navistar
Perkins
Toyota
Volvo
Waukesha
Wisconsin

Heavy Duty / AG



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Our e-newsletter, read by over 1,500 machinists, engine builders and shop owners has a **NEW LOOK.**

The electronic newsletter, mailed the first business day of every month, is now **MOBILE FRIENDLY.**
e-mail: news@kcenginepro.com

AUGUST SPECIAL



**Buy any \$500 Clevite HD or AG Kit
Get a \$100 Visa Gift Card**



- OE fit
- Truck/fleet, bus, ag, industrial, energy and construction
- Fully warranted
- Featuring:



In-Frame & Overhaul Kit Examples



Part # In-Frame - Application Invoice

CAT

456-5056 105mm/4.134" Bore 3114, 2243361..... \$559
456-5049 137mm/5.400" Bore 3406E 2261969, EK3535VR..... \$2,149

CUMMINS

459-5021 140mm/5.500" Bore 855 PP Std Lnr BC Rds 2261749.... \$839

DETROIT

468-5128 130mm/5.118" Bore 60 Gen 1, Prem Kit. 2261933..... \$1,999

MACK / VOLVO

480-5020 131mm/ Bore MP8, D13 2262091, Euro 3 & 4..... \$3,449

Part # Overhaul Kit - Application Invoice

CUMMINS

409-1003 102mm/4.0165" Bore B4 2253526, Std..020, .040 \$501

DETROIT

468-1018 098.5mm/3.875" Bore 3-53N, 2261477 \$549

MACK

480-1017 124mm/4.875" Bore E7 2262078, 16.9:1 CR..... \$1,559

VOLVO

480-1016 131mm/5.250" Bore D12B \$2,359

NEW TURBOS



Many More Applications.

Part Number Description

Dodge/Cummins 5.9L

286TC21003000 94-95 vin C.....\$1,059
286TC21007000 96-98 Auto-trans, non-Calif. 6BT\$725
286TC21002000 99-02 Man-trans 24-valve ISB vin 6.....\$1,199

Mounting sets, gaskets and service kits also available.



VALVES for HEAVY DUTY and AG



EPG #	In/Ex	Engine	Head DIA.	OAL	Stem DIA.	Groove #	Notes	Invoice
ALLIS CHALMERS								
01-01525S	EX	426	1.651	6.0175	0.37075	1	See catalog.....	\$9.95
CASE								
01-00690	EX	G188D	1.403	6.3525	0.3404	2	.....	\$5.99
CATERPILLAR								
01-01831S	EX	893+	1.646	7.250	0.3717	2	.....	\$15.54
01-01462S	IN	893 +	1.771	7.140	0.3717	2	.....	\$9.83
CONTINENTAL								
01-01147	EX	F SERIES	1.203	5.172	0.338	1	.....	\$3.99
01-01148	IN	F SERIES	1.515	5.159	0.341	1	.....	\$3.25
01-00486	EX	Z SERIES	1.140	3.990	0.3128	1	Roto type	\$6.25
01-00343	IN	Z SERIES	1.278	3.989	0.3145	D	.....	\$4.81
CUMMINS								
01-01659S	EX	855	1.870	7.726	0.3789	1	N-14	\$12.53
01-01721S	EX	855	1.875	7.115	0.4505	2	NH,NT Series..	\$9.38
01-00603	IN	855	1.875	7.066	0.4505	2	Exc. NTA.....	\$4.88
DETROIT DIESEL								
01-01566	EX	60 SER	1.576	8.498	0.3421	1	See catalog.....	\$8.99
01-01567	IN	60 SER	1.732	8.498	0.3421	1	See catalog.....	\$7.41
FORD IND/ TRT								
01-00348	EX	134, 172, 192	1.510	4.983	0.34065	1	.....	\$5.32
01-01695S	EX	256, 401	1.510	5.742	0.3708	2	See catalog.....	\$7.96
IHC TRACTOR								
01-00313	IN	123	1.342	4.937	0.341	2	.....	\$4.08
01-01422	EX	414, 436, 466	1.600	5.787	0.37215	1	.....	\$8.17
01-01423	IN	414, 436, 466	1.970	5.787	0.37215	1	.....	\$6.77
JOHN DEERE								
01-01233	EX	152-239	1.575	5.157	0.372	2	3,4,6 Cyl.....	\$5.44
01-01234	IN	152-239	1.772	5.157	0.372	2	3,4,6 Cyl.....	\$4.43
01-01377	EX	404, 466	1.715	6.208	0.372	1	See catalog.....	\$8.75
01-01403	IN	466	1.715	6.192	0.372	2	Turbo diesel	\$6.21
PERKINS								
01-00873	EX	152, 203, 305	1.313	4.503	0.3115	1	.....	\$5.18
01-00874	IN	152, 203, 305	1.531	4.498	0.3115	1	.....	\$5.00
01-00882	EX	236, 248, 354	1.442	4.854	0.3725	1	Gas & diesel ...	\$6.54
01-00883	IN	236, 248, 354	1.743	4.829	0.373	1	Gas & diesel ...	\$4.41



- 16 Engine Pro Colors, Hi-Tech Enamel, 16 oz
- 47 Part Numbers in all
- ASK for catalog
- Mix 5 cases, UPS \$5

\$23.94
case*

Our TOP SELLERS

46-048 Cast Blast 46-139 Satin Black
46-155 Gloss Black 46-480 Chevy Orange
46-710 Cast Aluminum 46-460 Ford Blue

*All Engine Enamel; High-heat, MRO \$29.94; Primer & Cleaner \$17.94



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