

Rivet Busters with CPS

Originally designed for cutting and forming metal rivets, the CP buster is now used for concrete demolition and has become one of the stars of the CP range. It has a low frequency blow with hitting power equivalent to a paving breaker twice its weight. The new CPS includes a stepped piston and step cylinder to prevent accidental ejection of the piston.



"D" handle



Open grip handle



Special Boyer valve

- Teasing throttle for progressive hitting frequency gives better control of such a powerful machine
- Special Boyer valve makes the cylinder stroke effectively longer for more hitting power
- Boyer valve's high quality design makes the blow more consistent
- Forged steel handle for long life in rugged conditions
- Stepped piston of hardened steel

- Stepped piston to prevent accidental ejection of the piston
- New buffer ring is now 90 durometer rubber for extra life
- Choice of cylinders:
 - 11" cylinder (720 bpm)
 - 8" cylinder (1080 bpm)
- Choice of handle:
 - Open grip with outside trigger
 - "D" handle with inside trigger
- 1/2" inlet bushing



4611 P - 11" OPEN HANDLE



4611 D - 11" D-HANDLE

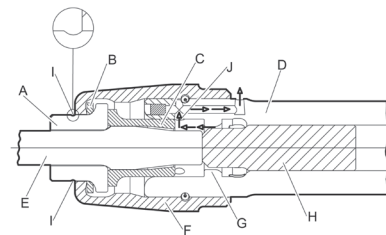
CPS Control Power System

The wear indicating groove (I) on the lower sleeve indicates that the bumper is completely worn out and needs to be replaced.

When the bumper is 75% worn out, the bleeding ports (J) are opened due to the outward movement of the upper and lower sleeves, causing the piston to stop in its lower position and the air to the exhaust above retainer.

Continuing to use the buster when the automatic stop function has triggered may cause damage to the sleeves and possibly the cylinder.

WORN OUT BUMPER



- A. Lower sleeve
- B. Bumper
- C. Upper sleeve

MODEL	Part no.	Weight (lb)	Blows per minute (bpm)	Cylinder stroke (in)	Length (in)	Air consumption (cfm)	Air inlet (in)	Chuck size (Jumbo Shank)	Handle	Cylinder
4160 P*	9246 0201 83	24	1,100	6	20.5	44	1/2	11" Jumbo	Open grip-outside trigger	Short cylinder
4160 D*	9245 9999 17	25	1,100	6	20.5	44	1/2	11" Jumbo	"D" handle-inside trigger	Short cylinder
4608 P*	8900 0001 49	30	1,080	8	23	45	1/2	.890" x 1.125" Taper	Open grip-outside trigger	Short cylinder
4611 P*	8900 0001 50	33	720	11	26	45	1/2	.890" x 1.125" Taper	Open grip-outside trigger	Long cylinder
4608 D*	8900 0001 51	31	1,080	8	23	45	1/2	.890" x 1.125" Taper	"D" handle-inside trigger	Short cylinder
4611 D*	8900 0001 52	34	720	11	26	45	1/2	.890" x 1.125" Taper	"D" handle-inside trigger	Long cylinder

*With each buster, it is recommended that you also purchase these additional consumable items: a rubber bumpers (3303 0051 03), lower sleeve (P 072333), upper sleeve (P 156988), retainer spring (P 073942) and whip hose (9246 0203 64).

Accessories

Chicago Pneumatic Rivet Busters are designed to work with "Jumbo" shank steels. The use of water separators and lubricators improves the performance of your hammers and extends their life by reducing premature wear.

DESCRIPTION	Type of Body	Part no.	Tip width/Blade Size (in)	Length Overall (in)	Weight (lbs)
Moil Point		3083 4140 00		10	2
		3083 4140 10		12	2 1/2
		3083 4140 20		18	4
Narrow Chisel	☐	3083 4141 00	1	10	2
		3083 4141 10	1	12	2 1/2
		3083 4141 20	1	18	4
Loose Rivet Buster	☐	3083 4142 00	1 1/8	10	2
		3083 4142 10	1 1/8	12	2 1/2
		3083 4146 20	1 1/8	18	4
Tight Rivet Buster	☐	3083 4145 00	1 1/8	10	2
		3083 4145 10	1 1/8	12	2 1/2
		3083 4145 20	1 1/8	18	4
Drift Pin Driver	☐	3083 4143 00	7/8 dia.	7 1/2	1 1/2
Ripper	☐	3083 4144 00		9	1 3/4
Backout Punch	☐	3083 4148 10	5/8	10	1 3/4
		3083 4148 20	5/8	12	1 3/4
		3083 4148 40	3/4	10	2
		3083 4148 50	3/4	12	2 3/4
		3083 4148 70	7/8	10	2 3/4
	☐	3083 4148 80	7/8	12	3

Consumables and Accessories

Consumables and accessories for rivet busters using jumbo steels

DESCRIPTION	Part no.
Lower sleeve	P 072333
Upper sleeve	P 156988
Polyurethane Bumper	9753 2180 82
Rubber Bumper (4608 and 4611 only)	3303 0051 03
Retainer Spring (standard)	P 073942
Air swivel 1/2" NPT	9246 0203 72
Lubricator comp 3/4" NPT - 5oz	9246 0203 69
Lubricator comp 3/4" NPT - 8oz	9246 0206 64
Lubricator comp 3/4" NPT - 11oz	9246 0203 68
CP water separator 3/4" NPT thread	8900 0050 01
Airolene plus tool oil 4x1 gallon	8099 0202 51
CP Airolene Plus tool oil 1 gallon	8099 0202 49
Red X hose	8900 0050 08
Whip hose - 1/2" Pipe Swivel W/ 10' rubber hose	9246 0203 64
Whip hose w/ 3.7oz oiler -1/2" swivel W/ 6' rubber hose	9246 0206 04
Whip hose w/ 5oz oiler -1/2" swivel W/ 10' rubber hose	9246 0203 61
Upper sleeve - busters (4608 and 4611 only)	P 156988
Lower sleeve - busters (4608 and 4611 only)	P 072333
Spring	P 073942

*Standard sleeves available upon request (small taper shank).

