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GB704 — installation tool for CherryMAX and blind rivets, 3,300 lb pull

A pneumatic-hydraulic tool for CherryMAX and other blind rivets.

Specification

Item	Value
Type	Pneumatic-hydraulic installation tool
Maker	Gage Bilt
Air pressure	90-100 psi
Setting stroke	0.540 in (13.72 mm)
Rated pull load	3,300 lb (14.68 kN)
Hand held weight	4.30 lb (1.95 kg)

Item	Value
Air consumption	3.9 CFM at 20 cycles a minute
Hydraulic fluid	Automatic transmission fluid, Dexron III or equivalent
Noise level	81.5 dB(A)
Vibration	Tested, no hazards found
Air inlet	1/4-18 female pipe thread

Part numbers

Part no.	Size	Item
GB704	Tool	Installation tool, nose assembly not included

Gage Bilt's part number for this tool.

Nose assembly selection chart

Fastener	Diameter	Straight	Right angle	Offset
CherryMAX, CherryMAX 'AB', NAS1919U, NAS1921U, MIL-R-7885, NAS9301-9312, BACR15FR/FP, BACR15GF/GK	1/8, 5/32, 3/16	456MAX-701-17, 456MAX-749-35	456MAX-753A-54	456MAX-704-43OS
Nut plate rivets: MS20600 series, CCR244/264/274, MS/9SP/PT, BACR15CC/CF/DA/DR	3/32	3C-704-56	3C-704-54RA	3C-715-40OS
Nut plate rivets	1/8	4C-704-56	4C-704-54RA	4C-715-40OS
Nut plate rivets	5/32	5C-704-56	5C-704-54RA	5C-715-40OS
Nut plate rivets	3/16	6C-704-56	6C-704-54RA	6C-715-40OS
'A' code: NAS1398A, NAS1399A	3/32	3A-704-56	3A-704-54RA	3A-715-40OS
'A' code	1/8	4A-704-56	4A-704-54RA	4A-715-40OS
'A' code	5/32	5A-704-56	5A-704-54RA	5A-715-40OS
'A' code	3/16	6A-704-56	6A-704-54RA	6A-715-40OS
Ground stud: M83454, BACS53B1EA1/2	8/32	GS8-704-56	GS8-704-54RA	GS8-715-40OS
Ground stud	10/32	—	GS10-704-54RA	GS10-715A-40OS

456MAX assemblies install 1/8, 5/32 and 3/16 in. 456MAX-749-35 is a front end ejecting nose assembly. 715 series nose assemblies require the 704001 adapter. Right angle nose assemblies may require more than one pull. The last two digits give the length the nose extends from the tool: -20 = 2.0 in.

Notes

- Air pressure is not to exceed 100 psi, except where noted.
- It is recommended the tool be operated 50 out of every 60 minutes, where prolonged use is expected.
- Hearing protection is required: the level measured in a simulated work environment was 81.5 dB(A).
- Ensure the nose assembly and tip are properly matched for the fastener being installed.

SOURCES · Gage Bilt, GB704 installation manual, 6/11 Rev. 8/11

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/gb704/

Reference data. The aircraft manufacturer's documentation (SRM / IPC) takes precedence.