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H563B — offset pulling head for Lockbolt

Lockbolt Offset Pulling Head.

Specification

Item	Value
Type	Offset pulling head
Maker	Cherry Aerospace
Tool sheet	TS-H563B, Rev. D, 10/12/17

Part numbers

1/8 in (-4) 2 part numbers

Part no.
H563-4B
H563SP-4B

5/32 in (-5) 2 part numbers

Part no.
H563-5B
H563SP-5B

3/16 in (-6) 2 part numbers

Part no.
H563-6B
H563SP-6B

What it installs as supplied

Fastener	Diameter	Note
Lockbolt (3/8 nose projection; short pintail lockbolts using letter 'Y' for SP versions)	4, 5, 6	Assemblies H563-4B/-5B/-6B and H563SP-4B/-5B/-6B

Riveters

Riveter	Adapter
G83	—
G84	—
G84-LS Split Power Riveter	744-700
G85D	552
G87D	552

Parts by head size

Fastener	Dia.	Parts	Jaws	Note
Lockbolt 3/8 nose projection	4	(sleeve -1) 563B2 / anvil -11 562A6-4 / ejector sleeve -12 563A9-4	-13: P-609	H563-4B; snubber -15: 563B25-4
Lockbolt 3/8 nose projection	5	(sleeve -1) 563B2 / anvil -11 562A6-5 / ejector sleeve -12 563A9-5	-13: 513-077	H563-5B; snubber -15: 563B25-5
Lockbolt 3/8 nose projection	6	(sleeve -1) 563B2 / anvil -11 562A6-6 / ejector sleeve -12 563A9-6	-13: 563-031	H563-6B; snubber -15: 563B25-6
Short pintail lockbolts using letter 'Y'	4	(sleeve -1) 563B12 / anvil -11 563A14-4 / ejector sleeve -12 563A13-4	-13: P-609	H563SP-4B; snubber -15: 563B25-4
Short pintail lockbolts using letter 'Y'	5	(sleeve -1) 563B12 / anvil -11 563A14-5 / ejector sleeve -12 563A13-5	-13: 513-077	H563SP-5B; snubber -15: 563B25-5
Short pintail lockbolts using letter 'Y'	6	(sleeve -1) 563B12 / anvil -11 563A14-6 / ejector sleeve -12 563A13-6	-13: 563-031	H563SP-6B; snubber -15: 563B25-6

Parts list

Item	Part number	Description	Qty
1	SEE TABLE (563B2 / 563B12)	SLEEVE	1
2	563B3	DRAWBOLT	1
3	562A11	SPACER	1
4	P-97	LOCKWASHER	1
5	P-71	SCREW, SOC HD CAP	1
6	563A10	SCREW, BUTTON HEAD	2
7	563A7	GUARD	1
8	563A4	EXTENSION	1
9	P-240	SCREW, FLAT HD SOC	2
10	563A8	SPRING, RETAINING	1
11	SEE TABLE	ANVIL	1
12	SEE TABLE	SLEEVE, EJECTOR	1
13	SEE TABLE	JAWS	1 SET
14	563A27	ADJUSTING WASHER	1
15	563-B25-()	SNUBBER; SEE TABLE	1

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

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Notes

- Clean anvil (11), drawbolt (2) cavities and jaws every 1,000 installations or on failure; replace as needed. Use washer (14) only if jaws cannot open sufficiently to pass spent pintail. Spacer (3) tight with screw (5) but drawbolt must slide freely. Loctite 242 (removable) on threaded components; lubricate outside of jaw set with Lubriplate.

SOURCES · Cherry Aerospace, Tool Sheet TS-H563B, Rev. D, 10/12/17

SCAN · OPEN THIS DATA SHEET
theaviationpoint.com/parts/tools/h563b/

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