

R44-series & R66 B264-XX Connector Upgrade Kit Instructions

Replaces obsoleted B264-XX connectors with B263-XX connectors on C049-1 (tail rotor gearbox) chip detector harness assembly, C023 tailcone (aft wire) harness, and tail light wire on C044 horizontal stabilizer harness.

NOTE

Visit www.robinsonheli.com to verify kit instructions are current revision. Review instructions before installation; contact RHC Technical Support with questions. Verify kit contents match list; contact RHC Customer Service if parts are missing or damaged.

ITEM	PART NUMBER	KIT CONTENTS	QTY
1	KI-276Instr.	Kit Instructions	1
2	B263-1	Pin	3
3	B263-2	Socket	3
4	B263-10	Housing (1-pin)	1
5	B263-11	Housing (1-socket)	1
6	B263-12	Housing (2-pin)	1
7	B263-13	Housing (2-socket)	1

Special Tools

- Wire stripper
- Pin extractor
- Pin/socket crimper

Kit Instructions

1. To replace pin or socket:
 - a. Extract existing B264-1 pin(s) or B264-2 socket(s) from receptacle or plug. Cut pin(s) from wire(s) as close to pin or socket as possible.
 - b. Strip wire(s) and crimp new B263-1 pin(s) or B263-2 socket(s) on affected wire(s). Inspect crimp per R44 Maintenance Manual (MM) § 23-84, or R66 MM § 20-94.
 - c. Refer to Table 1. Install pin(s) or socket(s) to replacement housing as required. Verify pin or socket security.
2. Make appropriate maintenance record entries.

Existing Part number	Description	Replacement Part number	Description	Quantity/Location
B264-1	Pin	B263-1	Pin	1X D049 tail light wire (-109) 2X C049 TRGB chip detector harness
B264-2	Socket	B263-2	Socket	3X C023 tailcone, wires (-5), (-109), & (-503)
B264-10	Receptacle, 1-wire	B263-10	Housing, 1-pin	1X D049 tail light wire harness, wire (-109)
B264-11	Plug, 1-wire	B263-11	Housing, 1-socket	1X C023 tailcone, wire (-109)
B264-12	Receptacle, 2-wire	B263-12	Housing, 2-pin	1X C049 TRGB chip detector harness; pin assignment is not critical
B264-13	Plug, 2-wire	B263-13	Housing, 2-socket	1X C023 tailcone; pin 1 - wire (-5) pin 2 - wire(-503)

Table 1 Replacement part numbers
(with affected locations)