

WRT-701X RF Alignment Kit

ASI-7994-701X

Equivalent OEM: Collins
 Equivalent MN:
 Equivalent PN: 659-7994-002
 Manual Figure: WRT-701X Appendix III Fig. III-4 - III-14A

Units Tested:
 WRT-701X Radar R/T
 WRT-701X Radar R/T (FLW)

Description of Operation:

The ASI-7994-701X RF Alignment Kit consists of all tuning/alignment tools, test fixtures, and extender cables necessary for testing and alignment of the RF section in the Collins WRT-701X Radar R/T. Also included are modified tuning covers that shield the particular module under test but allow access for tuning and adjustment. The ASI-7994-701X includes the following items:

RF ADAPTER KIT (659-7996-001):

QTY	CPN	RF ADAPTER	QTY	CPN	RF ADAPTER
4	357-9291-000	N-P/BNC-J	1	357-9919-020	BNC-P/SMB-J
1	357-7420-090	N-P/SMA-P	1	357-9919-030	BNC-P/SMB-J
1	357-7483-030	N-P/SMA-J	2	357-9329-000	BNC-J/BNC-J
1	357-7420-080	N-J/SMA-P	1	357-9339-000	BNC-J/BNC-P
3	357-7483-020	N-J/SMA-J	2	357-9337-000	BNC-P/BNC-P
1	357-9173-000	N-J/BNC-P	1	357-9314-000	BNC-J/P/J
2	357-7420-190	N-J/SMC-P	1	357-9687-000	BNC-P/J/P
2	357-7420-210	N-J/SMB-J	1	357-9689-000	BNC-J/J/J
2	357-7420-200	N-J/SMB-P	2	357-7448-030	SMA-J/SMA-J
2	357-9000-000	N-J/N-J	2	357-7448-040	SMA-P/SMA-P
4	357-9194-000	N-P/N-P	1	357-7417-010	SMA-J/SMA-P

EXTENDER CABLES:

QTY	CPN	CABLE	QTY	CPN	CABLE
2	651-1904-001	SMB-J/SMB-P	1	651-1904-007	T-CONNECTOR
1	651-1904-002	SMB-P/SMB-P	1	651-1904-008	MIXER A7
2	651-1904-003	PWR AMP/MULTIPLIER	1	651-1909-001	DRIVER EXT
3	651-1904-004	SMC-P/SMC-J	1	651-1914-001	SECOND IF A8 EXT
1	651-1904-005	SOURCE/DRIVER	1	NPN	MULTIPLIER GND
2	651-1904-006	DRIVER FILTER			

TUNING COVERS:

QTY	CPN	COVER
1	651-1902-001	PWR AMP COVER
1	651-1915-001	MULTIPLIER QUAD CVR
1	830-2756-001	SGL CH MULTIPLIER CVR
1	651-1910-001	MULTIPLIER TEST FIXTURE
4	540-9200-003	A3/A4 STANDOFFS

ADAPTERS:

QTY	CPN	ADAPTER
1	651-1916-001	WAVEGUIDE
1	651-1917-001	ANT PORT
1	651-1918-001	SHORT CIRCUIT
2	651-1919-001	LIMITER A17
1	651-1920-001	CPL LOAD PORT
3	X281A (PE9801)	WAVEGUIDE/COAX

TOOLS: (647-0584-001/647-0420-001)

QTY	CPN	TOOL	QTY	CPN	TOOL
1	006-1493-000	PHILLIPS SCREW DRVR	1	024-0848-010	TWEEZERS
1	006-1294-100	.048" BRISTOL WRENCH	1	024-0799-040	WRENCH
1	006-1625-000	.035" HEX KEY	1	647-0420-002	19/64" SOCKET
1	024-0101-020	1/8" HEX T-HANDLE	1	647-0420-003	3/16" SOCKET
1	024-0058-000	1/16" HEX KEY	1	647-0420-004	1/4" SOCKET
1	024-0059-000	5/64" HEX KEY	1	647-0584-009	SCREWDRIVER
1	024-0458-000	ADJUSTMENT TOOL	1	647-0584-014	WHEEL SLIDER ADJ
			1	647-0584-015	ADJUSTER

Optional Equipment:

ASI MN	Equivalent PN	Description
ASI-738	622-5760-001	J-Box Test Fixture
ASI-6960-001	830-6960-001	FLW Alignment Kit

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