













# SECTION 4 - RV-12iS PARTS INDEX

PART NUMBER	NOMENCLATURE	SUB-KIT	MANUAL SECT.	PART TYPE	MAKE FROM MATERIAL
W-1206-L	SPAR ASSEMBLY	WING	13	MANUFACTURED	2024-T3 ALUMINUM
W-1206-R	SPAR ASSEMBLY	WING	13	MANUFACTURED	2024-T3 ALUMINUM
W-1206T	ATTACH ANGLE	WING	13	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1206V	ATTACH ANGLE	WING	13	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1206Y	MAIN SPAR BUSHING GAUGE PIN	CERTIFICATION	51A/S/U	MANUFACTURED	6061-T6 BAR
W-1207A-L	REAR SPAR WEB	WING	14	MANUFACTURED	.032 2024-T3 ALCLAD SHEET
W-1207A-R	REAR SPAR WEB	WING	14	MANUFACTURED	.032 2024-T3 ALCLAD SHEET
W-1207B	REAR SPAR DOUBLER PLATE	WING	14	MANUFACTURED	.125 2024-T3 ALCLAD SHEET
W-1207C	TIP ATTACH ANGLE	WING	14	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1208B	STUB SPAR DOUBLER	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1208C-L	STUB SPAR CHANNEL	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1208C-R	STUB SPAR CHANNEL	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1208-L	NOSE RIB	WING	15	MANUFACTURED	.023 2024-T3 ALCLAD SHEET
W-1208-R	NOSE RIB	WING	15	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1210B	RIB DOUBLER	WING	13	MANUFACTURED	.025 2024-T3 ALCLAD SHEET
W-1210-L	MAIN RIB	WING	15	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1210-R	MAIN RIB	WING	15	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1212A	FLAPERON HINGE PLATE	WING	14	MANUFACTURED	.125 2024-T3 ALCLAD SHEET
W-1212B-L	FLAPERON HINGE	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1212B-R	FLAPERON HINGE	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1213-L	TIP RIB	WING	17	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1213-R	TIP RIB	WING	17	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1216B	HINGE RIB	WING	15	MANUFACTURED	.020 2024-T3 ALCLAD SHEET
W-1216-L	FLAPERON HINGE BRACKET	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1216-R	FLAPERON HINGE BRACKET	WING	14	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1222-L	EXTENSION	LIGHT KIT-IS	40IS/U	MANUFACTURED	FIBERGLASS-EPOXY
W-1222-R	EXTENSION	LIGHT KIT-IS	40IS/U	MANUFACTURED	FIBERGLASS-EPOXY
W-1223B	LANDING LIGHT RIB	LIGHT KIT-IS	40IS/U	MANUFACTURED	.032 2024-T3 ALCLAD SHEET
W-1223B (LL LEFT)	LANDING LIGHT RIB	LL LEFT	40IS/U	MANUFACTURED	.032 2024-T3 ALCLAD SHEET
W-1223C	RIB DOUBLER	LIGHT KIT-IS	40IS/U	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1223C (LL LEFT)	RIB DOUBLER	LL LEFT	40IS/U	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
W-1223E	LENS BACKING STRIP	LIGHT KIT-IS	40IS/U	MANUFACTURED	.032 2024-T3 ALCLAD
W-1223E (LL LEFT)	LENS BACKING STRIP	LL LEFT	40IS/U	MANUFACTURED	.032 2024-T3 ALCLAD
WASHER-00011	.190 X 2.000 X .063	POWERPLANT	50IS/U	MANUFACTURED	.063 2024-T3 ALCLAD SHEET
WD-01206-1	RUDDER PEDAL	FUSE	28IS/U	MANUFACTURED	4130 STEEL
WD-01207-1	STABILATOR UPPER HORN	STABILATOR	9IS/U	MANUFACTURED	4130 STEEL
WD-01208-1	STABILATOR LOWER HORN	STABILATOR	9IS/U	MANUFACTURED	4130 STEEL
WD-01214-L-1	FLAPERON TORQUE TUBE	FINISH	38IS/U	MANUFACTURED	4130 STEEL
WD-01214-R-1	FLAPERON TORQUE TUBE	FINISH	38IS/U	MANUFACTURED	4130 STEEL
WD-01218-1	LATCH, CANOPY	FINISH	39IS/U	MANUFACTURED	4130 STEEL
WD-01224	CRANK, FLAP	FINISH	32IS/U	MANUFACTURED	4130 STEEL TUBE, ROD, SHEET
WD-01230-1	NOSE FORK	FINISH	35IS/U	MANUFACTURED	6061-T6   BRONZE
WD-01234	MOUNTING BRACKET, IS RADIATOR	POWERPLANT	50IS/U	MANUFACTURED	6061-T6
WD-1201	GEAR LEG, NOSE	FINISH	35IS/U	MANUFACTURED	4130 STEEL
WD-1204	ENGINE MOUNT BRACKET	FUSE	22IS/U,29IS/U	MANUFACTURED	.050 4130 STEEL SHEET
WD-1205	RUDDER HORN	RUDDER	7	MANUFACTURED	4130 STEEL
WD-1209	BRAKE PEDAL	FUSE	28IS/U	MANUFACTURED	4130 STEEL
WD-1210	CONTROL COLUMN	FINISH	32IS/U	MANUFACTURED	4130 STEEL
WD-1211-L	BRAKE PEDAL TORQUE TUBE	FUSE	28IS/U	MANUFACTURED	4130 STEEL
WD-1211-R	BRAKE PEDAL TORQUE TUBE	FUSE	28IS/U	MANUFACTURED	4130 STEEL
WD-1212	CONTROL STICK	FINISH	32IS/U	MANUFACTURED	4130 STEEL
WD-1215-L	FLAPERON TORQUE ARM	FINISH	32IS/U	MANUFACTURED	4130 STEEL
WD-1215-R	FLAPERON TORQUE ARM	FINISH	32IS/U	MANUFACTURED	4130 STEEL
WD-1216	PUSHROD, FLAP HANDLE	FINISH	32IS/U	MANUFACTURED	4130 STEEL
WD-1217	FUSELAGE PIN	FINISH	38IS/U	MANUFACTURED	4130 STEEL
WD-1217C	FUSELAGE PIN STOPPER	FINISH	38IS/U	MANUFACTURED	.500 6061-T6 ROD
WD-1219	FRAME, CANOPY	FINISH	39IS/U	MANUFACTURED	4130 STEEL
WD-1220	ENGINE MOUNT RING	POWERPLANT	46U, 46IS	MANUFACTURED	4130 STEEL
WD-1221	STANDOFF, ENGINE MOUNT	FINISH	35IS/U	MANUFACTURED	4130 STEEL
WD-1221C-PC	WASHER	POWERPLANT	46U, 46IS	MANUFACTURED	4130 STEEL
WD-1222	COUNTERBALANCE BRACKET	STABILATOR	9IS/U	MANUFACTURED	4130 STEEL
WD-1223	COUNTERBALANCE ARM	STABILATOR	9IS/U	MANUFACTURED	4130 STEEL
WD-1233-L-1	STEP	FINISH	38IS/U	MANUFACTURED	4130 STEEL

PART NUMBER	NOMENCLATURE	SUB-KIT	MANUAL SECT.	PART TYPE	MAKE FROM MATERIAL
WD-1233-R-1	STEP	FINISH	38IS/U	MANUFACTURED	4130 STEEL
WEDGE TOOL	RIVETING TOOL	V STAB	6	MATERIAL	AEX WEDGE 11.9 6061-T6
WH-00032	LEFT WING WIRING HARNESS	WING	16IS/U	MANUFACTURED	COPPER   TEFZEL
WH-00033	RIGHT WING WIRING HARNESS	WING	16IS/U	MANUFACTURED	COPPER   TEFZEL
WH-00060	OAT WIRING HARNESS	SKYVIEW HDX	42CIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00096	OIL PRESSURE SENSOR HARNESS	AVIONICS	42MIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00133	RV-12iS DYNON COMMON HARNESS	SKYVIEW HDX	42MIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00134	RV-12iS GARMIN COMMON HARNESS	G3X TOUCH	42MIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00135	RV-12iS ADS-B ANTENNA CABLE SKYVIEW	OPT DYNON ADS-B IN	53AIS/U	MANUFACTURED	RG-400
WH-00136	RV-12iS GARMIN NAV/COM HARNESS	G3X NAV/COM	42MIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00137	RV-12iS ADS-B ANTENNA CABLE GARMIN	OPT GARMIN ADS-B IN	53BIS	MANUFACTURED	RG-400
WH-00139	RV-12iS ULS DYNON COMMON HARNESS	SKYVIEW HDX	42MIS/U	MANUFACTURED	COPPER   TEFZEL
WH-00140	RV-12iS WING GROUNDS	WING	40IS/U	MANUFACTURED	COPPER   TEFZEL
WH-P149	BATTERY GROUND CABLE	POWERPLANT	45IS/U	MANUFACTURED	WIRE #8 (WHT) COPPER   TEFZEL
WH-P150	BATTERY POWER CABLE	POWERPLANT	45IS/U	MANUFACTURED	WIRE #8 (WHT) COPPER   TEFZEL
WH-P151-1	ENGINE GROUND CABLE	POWERPLANT	45IS/U	MANUFACTURED	WIRE #8 (WHT) COPPER   TEFZEL
WH-P154	STARTER TO MASTER RELAY CABLE	POWERPLANT	45IS/U	MANUFACTURED	WIRE #8 (WHT) COPPER   TEFZEL
WH-P155	STARTER POWER CABLE	POWERPLANT	46U, 46IS	MANUFACTURED	WIRE #8 (WHT) COPPER   TEFZEL
WH-P30-1	TRIM WIRES	TAILCONE	10IS	MANUFACTURED	5 CONDUCTOR 22AWG WIRE
WH-RV12-IGNITION	IGNITION HARNESS	POWERPLANT	46U	MANUFACTURED	COPPER   TEFZEL