



J.E. Howell Model Engine Plans

Outpost Enterprises, LTD, 695 Godfrey Rd, Hollansburg, OH 45332

ENGINE PLANS & PARTS	ITEM ID	PRICE
1779 Cannon Plans	1779-P	13.00
4-In-1 Plans	4 in 1-P	19.00
4-In-1 Materials Set	4 in 1 Set	25.00
Beamer Plans	Beamer-P	19.00
Beamer Materials Set	Beamer-Set	35.00
Bill Plans	Bill-P	22.00
Bill Ball Bearings (2) R6ZZ	BL-BB	6.00
Duplex Plans	Duplex-P	18.00
Duplex Materials Set	Duplex-Set	16.00
Farm Boy Plans	FarmBoy-P	24.00
Howell V4 Plans	V4-P	63.00
V4 TIM 6 (4) Dist. Magnets	V4-TIM6	23.00
V4 Spark Plugs (4) Rimfire	V4-Sparkplugs	84.00
V4 O Rings (4) Gaskets, etc	V4-Orings	24.00
V4 Screws, Clips, Fasteners	V4-Screws	35.00
V4 Ball Bearings Kit (30)	V4-BB	109.00
V4 Water Pump Material	V4-Pump	7.00
V4 Distributor Cap	V4-Dist	16.00
V4 1" Oil Pump Gear Stock	V4-Gear	6.00
Howell V Twin Plans	V2-P	40.00
V Twin Ball Bearings (15)	V2-BB	69.00
V Twin O Rings & Fasteners	V2-OF	39.00
Mini Cycle Fan Plans	Minifan-P	13.00
Mini Cycle Fan Material Set	Minifan-Set	17.00
Miser Plans	Miser-P	18.00
Miser Materials Set	Miser-Set	17.00
Miser Displacer Ring	Miser-Ring	12.50
½ Mini Miser Parts Set	½ Miser-Kit	17.50
Miller Falls Mtr Box Plans	Miterbox-P	9.00
Plunket Jr Plans	Plunket- P	22.00
Plunket Ball Bearings (3)	PL-BB	14.00
PowerHouse Plans	Powerhouse-P	21.00
PowerHouse B. Bearings (4)	PH-BB	16.00
Water Pump Plans	Pump-P	5.00
Water Pump Materials Set	Pump-Set	13.00
Ringbom Plans	Ringbom-P	18.00
Ringbom Materials Set	Ringbom-Set	16.00
Side Shaft Plans	Sideshaft-P	12.00
Side Shaft Materials Set	Sideshaft-Set	15.00
Super Fan Plans	Superfan-P	18.00
Super Fan Materials Set	Superfan-Set	22.00
Telegraph Plans	Telegraph-P	12.00
Howell 2Jet Throttle Plans	Throttle-P	6.00
Vickie Victorian Plans	Vickie-P	18.00
Vickie Materials Set	Vickie-Set	16.00
Vintage Plans	Vintage-P	18.00
Vintage Materials Set	Vintage-Set	17.00
ATTACHMENT & TOOLS PLANS	ITEM ID	PRICE
Demand Valve Plans	Valve-P	2.00
Gear Cutting Plans	Gear-P	10.00
Micro Drill Plans	Microdrill-P	13.00
Mill Spindle Plans	Spindle-P	18.00
Mini Drill Plans	Minidrill-P	17.00
Propane Burners Plans	Burner-P	6.00
Radius & Ball Plans	Ball-P	11.00

IGNITION SYSTEMS	ITEM ID	PRICE
Hall Sensor	Hall	2.50
Rare Earth Magnet - Large	Lmag	.50
Rare Earth Magnet - Small	Smag	.50
Spark Coil - Modelengine	Coil-M	45.00
Spark Plug - NGK CM-6	NGK-CM6	6.25
Spark Plug - Rimfire VR2L	Rimfire	22.00
Spark Plug Clip - Large	Clip-L	1.50
Spark Plug Clip - Medium	Clip-M	1.50
Spark Plug Wire	Wire	6.00
Tim-6c	Tim-6C	22.00
Tim-6c - Deluxe	TIM-6CD	26.00
Tim-6c - Deluxe Assembled	TIM-6CDA	45.00

BEARINGS	ITEM ID	PRICE
.125" ID x .250" OD x .109"	R144ZZ	3.95
.125" ID x .312" OD x .140" F	FR2-5ZZ	5.00
.125" ID x .312" OD x .140"	R2-5ZZ	5.00
.156" ID x .312" OD x .125" F	FR155ZZ	7.95
.187" ID x .312" OD x .125"	R155ZZ	3.95
.187" ID x .312" OD x .125" F	FR156ZZ	3.00
.187" ID x .375" OD x .125"	R166ZZ	3.95
.187" ID x .375" OD x .125" F	FR166ZZ	6.00
.187" ID x .500" OD x .196"	R3ZZ	2.00
.187" ID x .500" OD x .196" F	FR3ZZ	8.00
.250" ID x .375" OD x .125"	R168ZZ	3.95
.250" ID x .375" OD x .125" F	FR168ZZ	4.00
.250" ID x .500" OD x .125" *	250x500x125	3.95
.250" ID x .500" OD x .187"	R188ZZ	4.95
8mm ID x 22mm OD x 7mm	608ZZ	3.95
.375" ID x .625" OD x .157"	R1038ZZ	2.50
.375" ID x .875" OD x .281"	R6ZZ	2.95
.375 ID x .875 OD x .281 Sealed	R6-2RS	2.95
10mm x 19mm x 5mm	6800ZZ	3.95
12mm x 21mm x 5mm	6801ZZ	3.00
12mm x 28mm x 8mm	6001ZZ	4.00
.500" ID x .750" OD x .156"	R1212ZZ	3.00
.500" ID x 1.125" OD x .312"	R8ZZ	3.95
.500" ID x 1.375" OD x .437"	1621ZZ	4.95

F=Flanged / * = Shielded One Side

MISC ITEMS	ITEM ID	PRICE
Graphite 5/8" Diameter	Graphite58	1.50
Graphite 1" Diameter	Graphite1	2.50
Super Fine .001" Fuel Filter	Filter	3.00
Digital Caliper, 0-150mm	Caliper	14.95
V4 Distributor Cap	V4-Dist	16.00

BOOKS	ITEM ID	PRICE
Three LTD Engines You Build	Stirling-BK	29.95
Home Machinist's Handbook	Homemach-BK	19.95
Machine Shop Basics	ShopBasic-BK	29.99
Machine Shop Tools & Operation	ShopTools-BK	24.99
Ignition Coils Magnetos Mini	Coil-BK	29.95