



Design & Manufacturing

Specialty Model Train Tools

499 Litchfield Rd
New Milford, CT 06776
203-947-8214

www.pedesignmanuf.com
pedesignmanuf@gmail.com

ver. 12/2025

Display / Test Stations				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST, O	Track Terminal Pins	\$18	
	ST	Display / Test Station Kits	\$72	
	O	Display / Test Station Kits	\$62	
	O	Display / Test Station Kit w/ Articulating Add-On	\$86	
	O	Articulating Add-On	\$28	
	S	Display / Test Station Kits	\$62	

Wheel Pullers				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST & O	Wheel Puller - Standard, Special Duty Jaws & Ext Bar	\$99	
	O	Wheel Puller - Standard & Special Duty Jaws	\$84	
	O	Wheel Puller - Standard Duty Jaws	\$64	
	O	Wheel Puller - Special Duty Jaws	\$64	
	ST	Standard Gauge Crossbar	\$22	
	ST	Replacement Pin - EXTRA LARGE	\$12	
	ST & O	Replacement Pin - LARGE (STANDARD)	\$12	
	ST & O	Replacement Pin - SMALL	\$12	
	ST & O	Replacement Special Duty Jaws	\$29	
	ST & O	Replacement Standard Duty Jaws	\$29	
	S	Small Gauge Wheel Puller - S Gauge Jaws	\$56	
	HO	Small Gauge Wheel Puller - HO Gauge Jaws	\$56	
	S & HO	Small Gauge Wheel Puller - S & HO Gauge Jaws	\$76	
	S	Replacement S Gauge Jaws	\$28	
	HO	Replacement HO Gauge Jaws	\$28	
	S & HO	Replacement Screw / Pin	\$10	
	Unver	Wheel Wedge	\$19	

Wheel Pressing				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST	Wheel Spacer Gauge - Standard Gauge	\$23	
	O	Wheel Spacer Gauge - O Gauge	\$21	
	S	Wheel Spacer Gauge - S Gauge	\$21	
	ST, O & S	Axel Block	\$32	



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Wheel Cups - CNC Milled					
Qty	Gauge	Item Description		Unit Price	Total Price
	ST	WC-2415-Q	Lionel & McCoy	\$90	
	WIDE	WC-2160-Q	American Flyer	\$90	
	WIDE	WC-1980-Q	American Flyer	\$90	
	O	WC-1630-Q	Lionel & American Flyer	\$85	
	O	WC-1538-Q	American Flyer	\$85	
	O	WC-1395-Q	Lionel	\$80	
	O	WC-1352-Q	American Flyer	\$80	
	ST & O	WC-1345-Q	Lionel	\$80	
	O	WC-1259-Q	Lionel	\$80	
	S	WC-1223-Q	American Flyer	\$80	
	O	WC-1205-Q	American Flyer	\$80	
	O	WC-1185-Q	American Flyer	\$80	
	S	WC-1165-Q	American Flyer	\$80	
	O & S	WC-1145-Q	American Flyer	\$80	
	O	WC-1000-Q	Lionel	\$75	
	O	WC-0900-NQ	Lionel	\$60	
	S	WC-0825-0845-Q	American Flyer	\$130	
	S	WC-0750-NQ	American Flyer	\$60	

Wheel Cups - CNC Milled COMB KITS					
Qty	Gauge	Item Description		Unit Price	Total Price
	ST	Lionel, McCoy	WC-L-STD-COMB	\$160	
	O	Lionel Post War O	WC-L-PW-COMB	\$280	
	ST & O	Lionel Standard, Pre & Post War O	WC-L-STD-PW-COMB	\$525	
	ST & WIDE	Lionel Standard, McCoy, American Flyer Chicago Wide gauge	WC-STD/WIDE-COMB	\$330	
	S	American Flyer S gauge	WC-AF-S-COMB	\$410	
	O	American Flyer 3/16 th O gauge	WC-AF-3/16-COMB	\$230	
	O	American Flyer Chicago O gauge	WC-AF-CO-COMB	\$390	
	WIDE	American Flyer Chicago Wide gauge	WC-AF-CW-COMB	\$170	
	O	American Flyer Chicago O gauge & 3/16 th O gauge	WC-AF-CO-3/16-COMB	\$465	
	WIDE, O & S	American Flyer Chicago Wide gauge, Chicago O gauge, 3/16 th O gauge, S gauge	WC-AF-ALL-COMB	\$920	
	ST, WIDE, O & S	Lionel Standard & O, McCoy Standard, American Flyer Chicago Wide gauge, Chicago O gauge, 3/16 th O gauge, S gauge	WC-ALL-COMB	\$1,285	



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Wheel Cups - CNC Milled Accessories					
Qty	Gauge	Item Description		Unit Price	Total Price
	na	CNC Wheel Cup Screw-in Post	WC-POST	\$21	
	na	CNC Wheel Cup Indexing Screw - 6-32	IS-6-32	\$8	
	na	CNC Wheel Cup Indexing Screw - 8-32	IS-8-32	\$8	
	na	CNC Wheel Cup Indexing Screw - 3-48	IS-3-48	\$8	
	na	CNC Wheel Cup Indexing Screw - 4-40	IS-4-40	\$8	
	na	CNC Wheel Cup Indexing Screw - 3-56	IS-3-56	\$8	
	na	CNC Wheel Cup Indexing Screw - Comb	IS-COMB	\$32	

Wheel Cups - Old Style					
Qty	Gauge	Item Description		Unit Price	Total Price
	O	WC-O-D1 Non-Quartering - Old Style	Lionel	\$30	
	O	WC-O-W1 Quartering - Old Style	Lionel	\$45	
	O	WC-O-W2 Quartering - Old Style	Lionel	\$45	
	O	WC-O-W3 Quartering - Old Style	Lionel	\$45	
	O	WC-O-W4 Quartering - Old Style	Lionel	\$45	
	O	Indexing Screws - Old Style	Lionel	\$18	
	O	WC-O-COMB - Old Style	Lionel	\$199	
	O	WC-O-W5 Quartering - Old Style	American Flyer	\$68	
	HO	WC-HO-W1 Quartering - Old Style	American Flyer	\$62	
	HO	WC-HO-W2 Quartering - Old Style	American Flyer	\$62	

Track Tools				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST	Track Tie Punch - Standard Gauge	\$24	
	O	Track Tie Punch - O Gauge	\$22	
	O27	Track Tie Punch - O27 Gauge	\$22	
	S	Track Tie Punch - S Gauge	\$22	
	ST, O, O27	Track Pin Crimper - Tubular & Fasttrack	\$35	
	S & O	Track Pin Crimper - S & O Garagraves/Ross	\$35	
	ST	Track Maintenance Kit - Standard Gauge	\$54	
	O	Track Maintenance Kit - O Gauge	\$52	
	O27	Track Maintenance Kit - O27 Gauge	\$52	
	S	Track Maintenance Kit - S Gauge	\$52	



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Coupler Tools & Adapters				
Qty	Gauge	Item Description	Unit Price	Total Price
	O & O27	Height Gauge for Lionel Coupler - Latch & Box	\$24	
	O & O27	Coupler Spacer for Lionel Knuckle	\$24	
	O & O27	Lionel Latch/Box to Lionel Knuckle - Single pack	\$24	
	O & O27	Lionel Latch/Box to Lionel Knuckle - Double pack	\$41	
	STD, O & O27	Lionel Latch/Box to Lionel Latch/Box w/ a 1/4" height difference- Single pack	\$22	
	STD, O & O27	Lionel Latch/Box to Lionel Latch/Box w/ a 1/4" height difference - Double pack	\$39	
	STD, O & O27	Lionel Latch/Box to Multiple- Single pack	\$32	
	O & O27	A.F. 3 rail O gauge to Lionel Knuckle - Single pack	\$26	
	O & O27	A.F. 3 rail O gauge to Lionel Knuckle - Double pack	\$44	
	O & O27	A.F. 3 rail O gauge to Lionel Latch/Box - Single pack	\$26	
	O & O27	A.F. 3 rail O gauge to Lionel Latch/Box - Double pack	\$44	
	S	A.F. Link to A.F. Knuckle - Single pack	\$24	
	S	A.F. Link to A.F. Knuckle - Double pack	\$41	

E Unit Tools				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST & O	E - Unit Jig & Breaker Bar	\$74	
	ST & O	E-Unit Breaker Bar - Lionel	\$20	
	ST & O	E - Unit Jig Replacement - Drum Fingers (pair)	\$16	
	ST & O	E - Unit Jig Replacement - Drum Holder w/ Fingers	\$26	
	ST & O	E - Unit Jig Replacement - Plunger Holder	\$12	
	ST & O	E - Unit Anvil	\$30	
	ST & O	E-Unit / Motor Test station - KIT	\$82	
	ST & O	E-Unit / Motor Test station - RTR	\$132	
	S	E-Unit Breaker Bar - American Flyer	\$20	

Servicing Tools				
Qty	Gauge	Item Description	Unit Price	Total Price
	O	Can Motor Tool Set	\$72	
	O	Lionel Horizontal Motor Press Cup set	\$59	
	O	Armature Press Cups Set	\$38	
	ST & O	Pinion Puller & Press Block Set	\$68	
	O	Brush Plate - Pre-War	\$24	
	O	Brush Plate - Post-War	\$24	
	ST, O, S, HO	Brush Tool - American Flyer	\$26	
	O	Gear Centering Press Tool	\$33	
	ST & O	Frame Spreader (limit qty)	\$35	



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Rivet & Press Tools				
Qty	Gauge	Item Description	Unit Price	Total Price
	ST & O	Rivet Punch Set - Lionel	\$64	
	S & O	Rivet Punch Set - American Flyer	\$68	
	ST, O & S	Rivet Remover / Station	\$47	
	ST, O & S	Rivet / Arbor Press* Not Standard Shipping 36lbs	\$385	
	ST, O & S	15 / 17 pieces Rivet Set (limit qty)	\$225	
	ST, O & S	Rivet Press Universal Anvil	\$28	
	ST & O	Rivet Roller Mini Press	\$32	
	ST, O & S	Universal Mini Press	\$36	

Transformer Upgrades				
Qty	Gauge	Item Description	Unit Price	Total Price
		REUSABLE ZW-74 RIVET SWITCH (pair)	\$20.00	
		Whistle Diode Upgrade (pair)	\$12	
		CB & TVS Diode Kit (2 circuits)	\$20	
		ZW Upgrade Pack	\$68	
		Feeder Wires w/ intergated CB & TVS Diode	\$32	

Custom Switch Plates					
Qty	Finish	Plate Size Length x Width	Hole size & Qty	Unit Price	Total Price
	Un-Finished	4" x 1-1/2"	1/4" - 5		
	Un-Finished	5" x 1-1/2"	1/4" - 7		
	Un-Finished	6" x 1-1/2"	1/4" - 5		
	Un-Finished	6" x 1-1/2"	1/4" - 9		
	Un-Finished	3" x 1-1/2"	1/2" - 2		
	Un-Finished	4" x 1-1/2"	1/2" - 3		
	Un-Finished	5" x 1-1/2"	1/2" - 4		
	Un-Finished	6" x 1-1/2"	1/2" - 5		

*Contact us about shipping cost.

Shipping Info

SubTotal

Shipping

Tax Rate's for CT only

6.35%

TOTAL

Name: _____

Street: _____

wn, ST, Zip: _____

Phone: _____

Email: _____

Notes: _____

Standard shipping in the
continental USA is \$6.

Call about shipping
outside of this order or
when ordering the
Rivet/Arbor press.

Make Checks payable to:

PE Design & Manufacturing

Or

Send PayPal Info & I can
invoice you for your order directly.