Item No.	Base Cost Each	Tax & Shipping	Actual Cost Each	Qty	Total Cost	Part Number
Rheostat Bracket Parts						
1	$8.00	7%	$8.56	1	$8.56	MD No. 0-43374-13045-4
2	$1.79	7%	$1.92	1	$1.92	Radio Shack 276-087
3	$0.60	7%	$0.64	1	$0.64	Radio Shack 276-080
4	$0.60	7%	$0.64	1	$0.64	Radio Shack 274-346
5	$0.10	7%	$0.11	1	$0.11	Radio Shack 271-1328
6*	$13.50	13%	$15.21	1	$15.21	Clarostat CR-25
7	$1.00	7%	$1.07	1	$1.07	Radio Shack 274-403
8	$2.99	7%	$3.20	3	$9.60	Radio Shack 275-612
9	$1.00	7%	$1.07	1	$1.07	---

$38.82 Subtotal 1 - Upper Co

Item No.	Base Cost Each	Tax & Shipping	Actual Cost Each	Qty	Total Cost	Part Number
Base Parts						
10	$1.59	7%	$1.70	1	$1.70	Radio Shack 274-650
11	$16.50	7%	$17.66	4	$70.62	LGB 12010
12	$10.55	7%	$11.29	4	$45.15	LGB 12070
13	$20.00	0%	$20.00	1	$20.00	T402 (dwg D402 Sh 59)
14	$1.00	0%	$1.00	1	$1.00	see instructions P165
15	$1.59	7%	$1.70	1	$1.70	Radio Shack 274-659
16*	$3.93	13%	$4.44	2	$8.88	Beau 76016
Adhesive, Fasteners, Paint, Wire, Wood						---
17	$10.00	7%	$10.70	1	$10.70	3M #77
18	$0.10	7%	$0.11	1	$0.11	---
19	$8.00	7%	$8.56	1	$8.56	Ace 35A-1A Beechtree
20*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Black
21*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Blue
22*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Gray
23*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Green
24*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Red
25*	$1.00	7%	$1.07	1	$1.07	Carol 75241-Yellow
26	$4.49	7%	$4.80	0	$0.00	RadioShack 278-1223
27	$4.00	7%	$4.28	1	$4.28	---
28	$0.20	7%	$0.21	2	$0.43	---
29	$0.10	7%	$0.11	20	$2.14	---
30	$8.96	7%	$9.59	1	$9.59	Waldom T-2014

$191.28 Subtotal 2 - Lower Co

$230.10 Total Price, Control Un

1996 Notes:

* Item 6 rheostat & 16 terminal block from Newark Electronics (may have high minimum

* Item 6 Rheostat: Alternate is Ohmite RHS15R.

* Items 20-25 18 ga Wire: made by Carol Cable Co., 800-372-6374

* Items 20-25 also by Apex Wire Co, Hauppauge NY, 516-273-3322.

Description	Source
Angle—Alum., 2-3/4" x 1-1/2" x 1/16" x 36" (cut 3-1/4" from 36" piece @ $8 = $0.82 ea)	Ace Hardware
LED, super Bright Red 20 mA @ 1.85 VDC	Radio Shack
LED Holder, Panel Mount for T-1-3/4 size (use 1 from pkg of 2 @ $1.19/pkg = $0.60 ea)	Radio Shack
Phono Jack, Panel Mount, for std RCA plug (use 1 from pkg of 4 @ $2.49/pkg = $0.62 ea)	Radio Shack
Resistor, 3300 Ohm, 1/4 watt (use 1 from pkg of 5 @ $0.49/pkg = $0.10 ea)	Radio Shack
Rheostat, Wire Wound, 15 ohms, 25 watts (Newark Stk# 87F6390, pg 265, 1994 Cat#113)	Newark Elec., 800-367-3573
Rheostat Knob, 1/2' Dia x 3/8 wide, for 1/4" shaft (use 1 from pkg of 2 @ $0.99/pkg= $0.50 ea)	Radio Shack
Switch, SPST, Submini Toggle (2 on bracket, 1 on TB1, between terminals 58 & 60)	Radio Shack
Tubing, Shrink Wrap, Size 3/32", Yellow (to wrap resistors)	electronics parts supply store

ontrol Unit (Rheostat Bracket Assy, Items 1-9)

Jumper, 8 Position, for terminal blocks (cut into 4 pieces)		Radio Shack
Switch Motor		LGB Train Stop
Relay Points, DPDT (snaps in end of12010 switch motor)		LGB Train Stop
Template, Plastic-Laminated & Color Coded (25-1/4" long x 7" wide)		Ingram Autocontrols
Label, Plastic-Laminated, Yellow Control, for side of rheostat mounting bracket		Ingram Autocontrols
Terminal Block, 6 Position Dual Row		Radio Shack
Terminal Block, 16 Position (Newark Stock# 14F2609, pg 916, 1994 Cat#113)		Newark Elec., 800-367-3573
Adhesive, Spray (glue laminated Sh 59 template to wood base) (use 1/5 can @$10/can)		art supply store
Cement, Rubber		art supply store
Paint, brown, for plywood base, (use 1/10 can @$8/can)		Ace Hardware
Wire, 18 Ga Solid, black (DC +, switched) (All Wire 50018000-0)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, blue (DC +, unswitched) (All Wire 50018000-6)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, gray (AC +, switched, constant for target signal) (All Wire 50018000-8)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, green (AC +, switched, momentary, output from track contacts) (50018000-5)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, red (AC -, unswitched) (All Wire 50018000-2)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, yellow (AC +, unswitched) (All Wire 50018000-4)		All Wire 303-295-0106 Denver
Wire, 18 Ga Solid, black, green, red - Alternate for above (Blue, yellow, gray not avail. from Radio Shack)		
Wood, Plywood Base — 25.5" Long x 7.25" Wide X 1/2" Thk		building supply store
Screw, Machine, #8-32 X 1-1/4" Lg , Truss Head, w/Wing Nut & Washers (connect control unit to base)		
Screw, Wood, #4 X 1/2" Long (connecting components to wood base)		Ace Hardware
Connector, Insulated Spade (pkg of 100 @ $8.96/pkg)		Ace Hardware

ontrol Unit, Items 10-30

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n orders).

2006 Notes:

* Quantaties updated 2/06 for new Sh 59, but 1996 prices and notes are not updated.

Model 402 Automatic Block, by James R. Ingram, Williamsport PA, 570-477-2520	Orig 03Feb06;Rev B, 02 May 06
PARTS LIST, for Control Unit Sh 59	**D402-Sheet 61**