

Condensed Data
January 1966
(Supersedes all
Truck Books and
Price Lists.)

TROLLEY TRUCKS

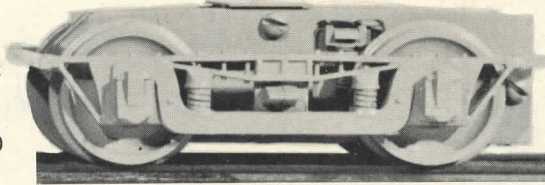


0 Gauge Scale 1/4" = 1' Track gauge 1-1/4"

Each type of truck has choice of wheelbase, wheel size and gearing. See page 4 for truck frames.

Height
7/8"

\$25.00



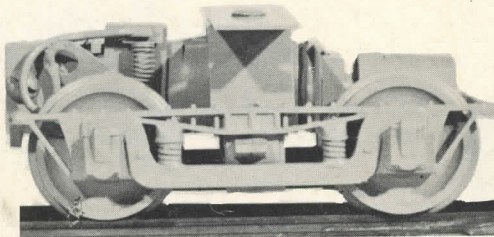
"Inch" Truck--the newest Wagner design--so called because construction is related to wheelbase. DC62 motor.

Wheelbase	Wheels	Gears
4'-6"	33"	
5'-0"	or	20:1
6'-0"	36"	
6'-6"		
7'-0"		

2-rail
NOT
available
Standard Tread
& Flange Only

Height
1-1/16"

\$19.00



"LL" the popular Wagner low level truck with DC60 motor. Use dual power for pulling trailers.

Wheelbase	Wheels	Gears	2-rail
6'-6"	33"	20:1	available
7'-0"	36"	22:1	(extra)
7'-6"			

DC60 Truck, the initial design offered by Wagner, still most versatile and still the same dependable quality. Will pull trailers. Use dual power for freight and hills.

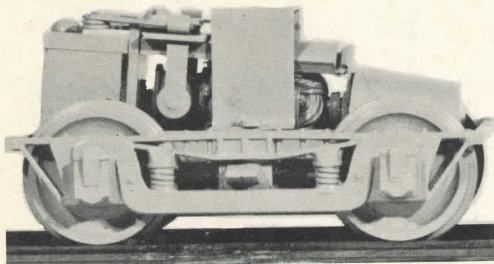
Wheelbase	Wheels	Gears	2-rail
4'-6"	24" *	12:1	available
5'-0"	25" PCC *	15:1	(extra)
5'-2"	26"	18:1	
5'-4"	28"		
5'-6"	30"		
6'-0"			
6'-2"	33"	15:1	
6'-6"	36"	18:1	
7'-0"		20:1	
7'-6"		22:1	

*Will take only 12 or 15:1

Choose wheel sizes according to prototype

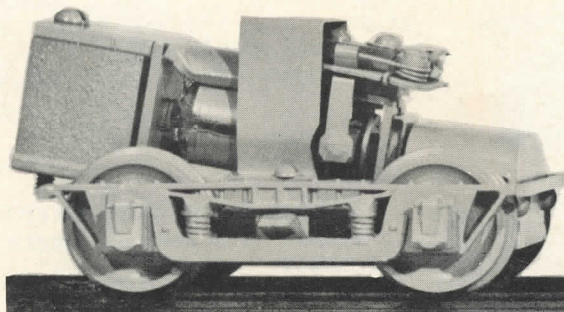
Height 1-1/4"

\$18.00



Height
1-1/2"

\$20.00



DC71 Truck, used mostly for freight.

Wheelbase	Wheels	Gears	2-rail
6'-6"	30"	15:1	
7'-0"		18:1	2-rail available
7'-6"			(extra)
	33"	15:1	
	36"	18:1	
		20:1	
		22:1	

Trucks illustrated on this page are actual size. For comparison all have B&S-F side frames, 6'-6" wheelbase and 36" wheels. Basic prices are for power truck and trailer; variations on page 3.

WAGNER CAR COMPANY

59 Euclid Avenue, Wyoming
Cincinnati, Ohio 45215

6280-6319

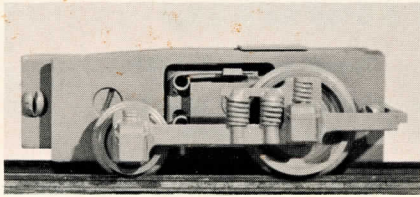
3322-61

76-E-2
Boill Tube
26" wheels

MAXIMUM TRACTION

Height
7/8"

\$25.00



Wagner took time out to really engineer an answer to powering a maximum traction truck. Works well with power truck and trailer but the ultimate for good operation would be to power both trucks and have four wheels pulling the car.

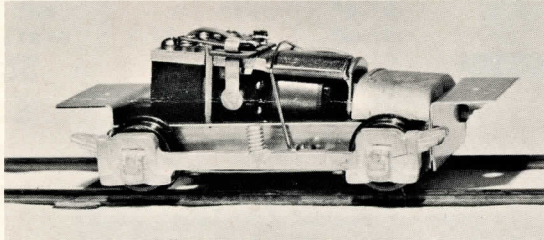
MAXIMUM TRACTION, DC62 Motor, Large Wheel Driving

Frames	Wheelbases	Wheels	Gears	NO
22E	4'-6"	33/21"	20:1	2-rail
39E	4'-10"			

FOR SINGLE TRUCKERS

Height
1-1/4"

\$16.50

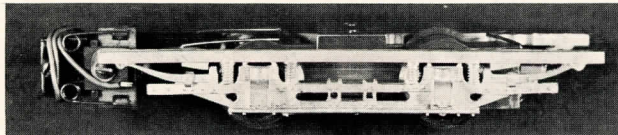


DC60 MOTOR TRUCK

Frames	Wheelbases	Wheels	Gears	2-rail wheels available (extra)
79E	8'-0"	24"	15:1	
		26"	15:1	
			18:1	

Height
3/4"

\$18.00

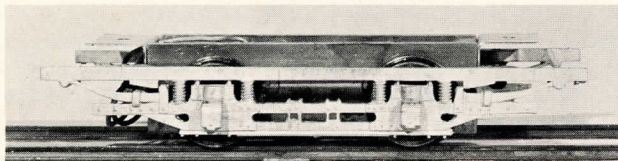


DC60 MOTOR AND GEAR BOX

Frames	Wheelbases	Wheels	Gears	2-rail wheels available (extra)
P7C	6'-6"	33"	20:1	
	7'-6"*			

Height
7/8"

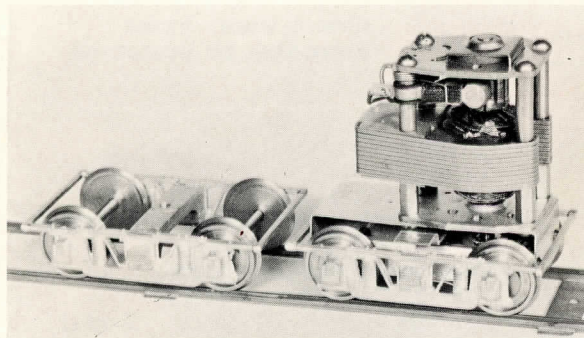
\$23.50



DC62 MOTOR TRUCK

Frames	Wheelbases	Wheels	Gears	NO
P7C	6'-6"	33"	20:1	2-rail
	7'-6"*			

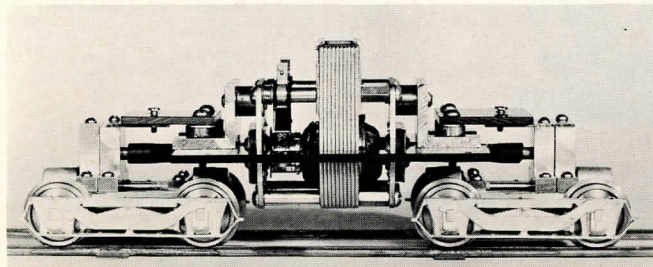
*Fits Pittman 21E Frame



AC MOTOR or DC MOTOR (DC motor shown)

Wheelbases	Wheels	Gears	2-rail available (extra)
6'-6"	33"	11:1	
7'-0"	36"		
7'-6"			

Height 2-3/4" Basic Price \$21.75



8-WHEEL DRIVE DC94 Motor

Frames	Wheelbases	Wheels	Gears	Truck Centers
RM63B	7'-0"	33"	11:1	18'-9"
8440		36"		20'-0"
8445				21'-6"
TA84				
C80P				

Height from rail to floor 1-1/16". Basic price \$29.00. 2-rail available (extra).

CARS

GARY JOHNSON (metal)

Electromobile
 C&LE Red Devil
 LVT 1000 Lightweight
 2 Connecticut Cars
 West Penn Curveside
 Fonda, Johnstown & Gloverville Bullet

DOWNTOWN HOBBY (mixed construction)

CA&E Interurban

HENRY ELSNER (epoxy)

Curveside Cars (5)
 ST&DT Birneys (5)
 Steel Box Motors (2)

WILLIAM CLOUSER (epoxy)

North Shore #165 Coach/#250 Combine
 Ill. Term. Center Door Car #470
 Ill. Traction Express Car #1057
 Union Traction Combine #427

MACS O GAUGE (plastic & metal)

Sacr. North. Arch Window Car Parts

TESTORS (plastic)

Hawk San Francisco Cable Car Kit

ASHLAND CARWORKS (metal)

Chicago Turtleback
 Chicago Brill
 Chicago PCC
 C&LE Lightweight)Herb Kephart
 Brill Semi-Convertible)kits orig.
 Phila. & West Chester)sold through
 Phila. Hog Island)CCW.
 2 Steeple Cabs

WESTERN RAILCRAFT (plastic)

Northern Ohio Washington Sash Cars
 PE Blimps
 PE Wiregreaser
 Trailers

BAY STATE (epoxy)

Eastern Mass 7000
 Boston Elevated Center Entrance

LABELLE (wood)

Buffalo, Lockport & Rochester coach & combine
 Sacramento Northern coach & combine
 Niles Freight Motor

POLKS (plastic)

4 Single Truck Cars

O CAR COMPANY (epoxy)

Chicago Surface Lines Pullman
 Chicago Surface Lines MU
 Chicago Surface Lines Safety Car
 Chicago Rapid Transit Car
 Chicago and Manhattan Elevated Cars
 Connecticut Car
 Brooklyn Peter Witt

WALTHERS (mixed construction)

North Shore

NWSL (brass)

Steeple Cab

BOWSER MANUFACTURING COMPANY (metal)

Pittman Brill Semi-Convertible

VANE JONES (plastic)

ICC Car Components

SHORT LINE SHOPS (brass)

40 Car Body Etchings

MIDCCO (wood)

Interurban Trailers
 Custom Wood Car Bodies

FLATT (brass)

Various Steeple Cab Etchings
 Canadian Trolley Etchings

TRUCKS

Wagner Car Company
Ann Arbor Railway Supply Company
Peterson

Herb Kephart
Q Car Company
NWSL (Magic Carpet Power Unit)

PARTS

Wagner Car Company
Q Car Company
Walthers
Kemtron

Wade Model Products
Car House Products
Gary Johnson
Trolley Specialties

ADDRESSES

Ann Arbor Railway Supply Company
Ashland Carworks
Bay State Models
Bowser Manufacturing Company
Car House Products
Clouser, William
Downtown Hobby
Elsner, Henry
Flatt, William S.
Johnson, Gary
Jones, Vane (ICC)
Kemtron
Kephart, Herb
LaBelle
Macs O Gauge
Midcco
Northwest Shortline
Peterson
Polks Hobby
Q Car Company
Shortline Shops
Testors
Trolley Specialties
Ulrich, Norman H.
Wade Model Products
Wagner Car Company
Walthers, Wm. K.
Western Railcraft

P.O. Box 1382, Ann Arbor, MI 48105
5417 North Ashland Avenue, Chicago, IL 60640
8 Rollins Street, Groveland, MA 01834
21 Howard Street, Montoursville, PA 17754
P.O. Drawer C, Middleboro, MA 02346
1301 Thatcher, St. Louis, MO 63135
22 W. Madison Street, Subway Arcade, Chicago, IL 60602
319 S. 44th Street, Philadelphia, PA 19104
RR#3 Cambellville, Ontario, Canada LOP 1B0
Box 448, Sommerville, MA 02143
6710 Hampton Drive, E, Indianapolis, IN 46226
P.O. Box 214236, Sacramento, CA 95821
224 Smith Bridge Road, Glen Mills, PA 19342
P.O. Box 22, Oconomowoc, WI
7938 Tippecanoe Avenue, San Bernadino, CA 92402
2317 Glenview Boulevard, Columbus, OH 43204
Box 423, Seattle, WA 98111

New York, NY
Box 341, Brooklyn, NY 11215
P.O. Box 153, Lebanon, OH 45036

701 Pettibone Avenue, Flint, MI 48507
1410 Southeast 4 Avenue, Pompano Beach, FL 33060
2218 Ibis Court, St. Louis, MO 63136
59 Euclid Avenue, Wyoming, OH 45215
5601 Florest Avenue, Milwaukee, WI 53218
Box 71 RS, Casa Grande, AZ 85222

Aug - 81

O Gauge TROLLEY TRUCKS

ALL WAGNER TRUCKS HAVE:

Wheels with .115" tread x .045" flange
 Back to back dimension of wheels on axle
 1-1/8" for standard "O" 1 1/4" track gauge

Check the illustrated truck book (\$3.50) for side frames and specifics on each truck.

Side frames are included in the price

Use prices in this column for the usual trolley operation from overhead wire STANDARD

Extra choices offered for WAGNER trucks:
 Standard wheels may be insulated for 2-rail operation except on INCH trucks.

Use prices in these columns for trucks with NON-Standard specifications.

WG=wheel guard

TRUCK DESIGN	Use prices in this column for the usual trolley operation from overhead wire STANDARD	2-rail	NS801 ITS300 CTA 4000 NS8440WG NS459	77EX 177E WG	
DC60 Design Power Truck & Trailer Power Only	46.00 42.00	48.50 43.25	50.00 45.50	48.00 44.00	3rd rail bars added to 27MCB or 8440 frames add \$1.00 per truck, \$2.00 per pair trucks.
DC71 Design Power Truck & Trailer Power Only	49.00 44.00	51.50 46.75	53.00 49.00		
Trailer Each Pair (2)	7.00 14.00	8.25 16.50	10.00 20.00	8.00 16.00	
			For above trucks in these columns add \$2.50 for 2-rail (2 trucks)		
INCH Design Power Truck & Trailer Power Only	49.00 45.00	NO 2-R		50.00 46.00	
LL, PC, CLL Designs Power Truck & Trailer Power Only	48.00 44.00	Quote on	52.00 48.00	50.00 46.00	

PRICE LIST - July 15, 1981

Prices subject to change without notice.

On Ohio orders please include SALES TAX.

For prepaid shipments via United Parcel Service

give STREET ADDRESS and ZIP CODE

and include apartment numbers where applicable.

No C.O.D., no open accounts, no exports.

For U.S. mail shipment instead of U.P.S. to P.O.Box or street address, add \$3.50.



59 Euclid Avenue
 Wyoming, Ohio 45215

Delivery as of July'81

About 3 months

O GAUGE TROLLEY TRUCKS
Purchase Order to:

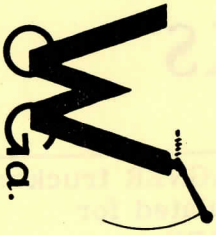
WAGNER CAR COMPANY

59 Euclid Avenue

Wyoming, Ohio 45215

Please PRINT name and address.
For shipment via United Parcel
Service street address and zip
code are necessary. No P.O.
Box. If U.S. Postal Service is
preferred, see instructions over.

Quantity	SIDE FRAME (Determines wheelbase)	POWER TRUCK Design: DC60, DC71, INCH, LL, PC, CLL	TRAIL Truck to match (check)	Gear Ratio	Wheel Size	SPECIAL Requirements		REMARKS: Not necessary but might be helpful	PRICE
						with "extra" charges 2-rail wheels	Other		
Ohio Sales Tax									
TOTAL									



4-12-80

O Gauge TROLLEY TRUCKS

ALL WAGNER TRUCKS HAVE:

Wheels with .115" tread x .045" flange

Back to back dimension of wheels on axle 1-1/8" for standard "O" 1 1/2" track gauge

Check the illustrated truck book (\$2.00) for side frames and specifics on each truck. Side frames are included in the price.

Use prices in this column for the usual trolley operation from overhead wire

Extra choices offered for WAGNER trucks: Standard wheels may be insulated for 2-rail operation except on INCH trucks. Use prices in these columns for trucks with NON-STANDARD specifications. WG = wheel guard

TRUCK DESIGN	STANDARD	2-rail			3rd rail bars added to 27MCB or 8440 frames add \$1.00 per truck, \$2.00 per pair trucks.
		NS801 ITS300 CTA4000 NS8440WG	77EX 177E WG		
DC60 Design Power Truck & Trailer	43.00	45.50	48.00	45.00	
Power Only	39.00	40.25	43.50	41.00	
DC71 Design Power Truck & Trailer	47.00	49.50		51.00	
Power Only	43.00	44.75		47.00	
INCH Design 24"-30" only wheels Power Truck & Trailer	47.00	NO		48.00	
Power Only	43.00	2R		44.00	
LL, PC, CLL Designs Power Truck & Trailer	46.00	Quote on	50.00	48.00	
Power Only	42.00	Price	46.00	44.00	
Trailer Each	6.50	7.75	9.50	7.50	
Pair (2)	13.00	15.50	19.00	15.00	



PRICE LIST - January 1, 1980

Prices subject to change without notice.

On Ohio orders please include SALES TAX.

For prepaid shipments via United Parcel Service give STREET ADDRESS and ZIP CODE.

Prepaid shipments to continental United States Only.

No C. O. D., no open accounts, no exports.

For U. S. mail shipment instead of U. P. S., to P. O. Box or street address, add \$2.00.

For trucks in these two columns add \$2.50 for 2-rail (two trucks) except as noted above.

WAGNER CAR COMPANY

59 Euclid Avenue

Wyoming, Ohio 45215

Delivery as of Feb'80

About 3 months

September 15, 1977
 Supplementing the Wagner

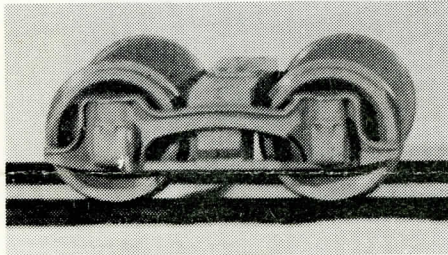
TRUCK BOOK No. 4

(\$2.00, including order
 form for refund with
 power truck order)

Wagner

TROLLEY TRUCKS

O Gauge



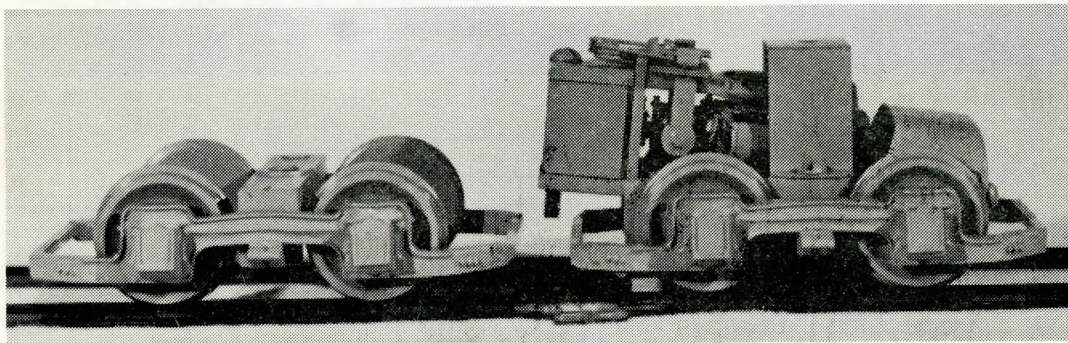
StL47 Trail Truck
 with 33" wheels

FOR CITY CARS

StL47 St. Louis 4'-6" wheelbase, 33" wheels
 A general type used on St. Louis built cars early in
 the century for city, suburban and interurban service

StL47C St. Louis 4'-6" wheelbase, 33" wheels
 For Chicago "Match Box" city car #1101-1423

TRUCK DESIGN	Choice of Specifications		Non-Standard Requirement
	Wheels	Gears	
DC60	33"	18, 20, 22:1	2-rail
54"	33"	20:1	



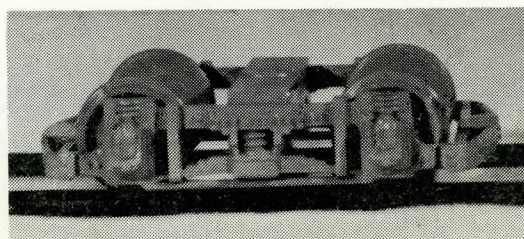
StL47C DC60 Power
 Truck and Trailer for
 Chicago 1101-1423
 series cars

77EX
 177E

FOR EASTERN MASS. 6000-7000's

TRUCK DESIGN	Choice of Specifications		Non-Standard Requirement (Extra Charge)	
	Wheels	Gears		
DC60	26, 27"*	15, 18:1	2-rail	Wheel Guard**
64" 66"	26, 27"	18, 22:1	No 2R	Wheel Guard**

*77EX with 26" wheels (5'-4" wheelbase) **WG
 *177E with 26" or 27" wheels (5'-6" wheelbase)



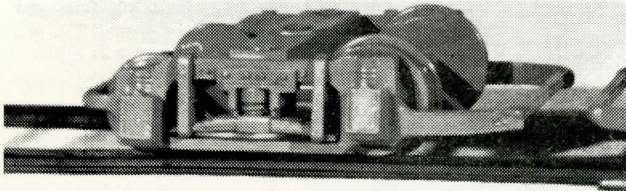
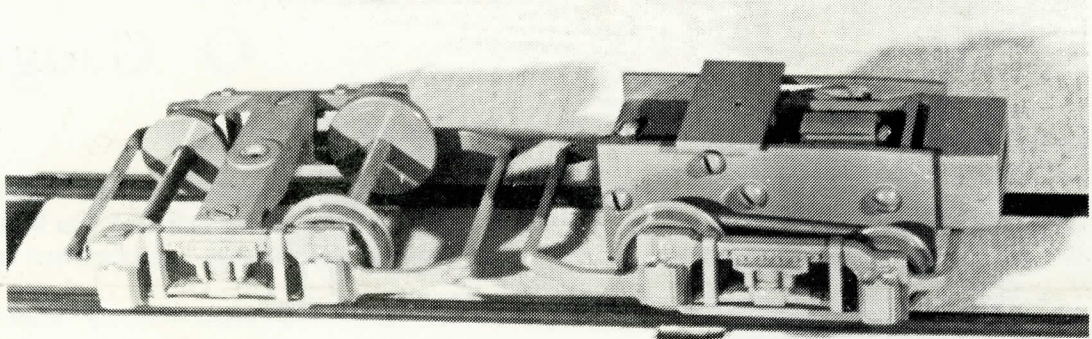
77EXWG Trail Truck
 with 26" wheels
 illustrating the new
 wheel guard for the
 Eastern Mass 6000-
 7000 series cars.

MAXIMUM TRACTION TRUCK with LARGE and SMALL Wheels Powered

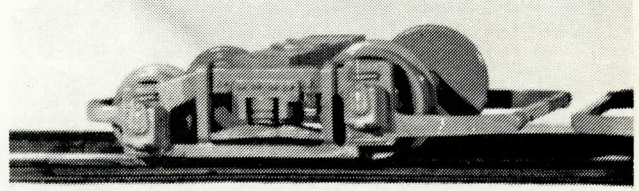
TRUCK DESIGN	Choice of Specifications		TRUCK FRAME	Purpose
	Wheels	Gears		
54M 58M	33/21	26:1	22E 39E	General
58M	28/22 28/22	22, 26:1 22, 26:1	39E2 39E2X	Philadelphia 5200-5334 Chicago 3202-3521, 6199-6279

WHEELBASE
54M = 54" (4'-6")
58M = 58" (4'-10")

39E2X Power Truck with all wheels powered, and trail truck, with 28" and 22" wheels.



Chicago 39E2X Trail Truck



Philadelphia 39E2 Trail Truck

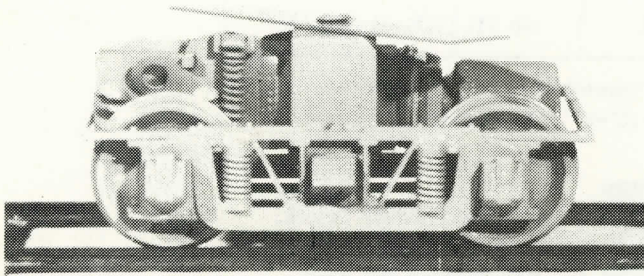
"LL" DESIGN
AVAILABLE
AGAIN

This design (LL=Low Level) truck is only 1-1/16" high which puts it in the underfloor class on a big interurban if the floor is slightly recessed in the bottom of the car. Control and pulling power are excellent and operation dependable.

TRUCK DESIGN	Choice of Specifications	
	Wheels	Gears
LL	33, 36"	20, 22:1

APPLICABLE TRUCK FRAMES:

C80P	27E
8440	27MCB
8445	BLW78
TA84	B&S-F
C60	AM490
7830	RM63B
MR78	NS801
IT300	NS8440WG
CTA4000	



LL Power Truck with Baldwin 8440 frames, 7'-0" wheelbase, and 36" wheels.



WAGNER CAR COMPANY
59 Euclid Avenue
Wyoming, Ohio 45215

As of Jan. '80

C-12 Resistors, single grid, 3	.70
C-21 Smoke Stack	.40
C-22 Smoke Stack, long stem	.40
C-23 Smoke Stack, goose neck	.40
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40
C-30 Compressor, GE CP27	.60
C-31 Compressor, GE C28	.80
C-31A Cradle for hanging C-31	.80
C-35 Compressor, West. D1	.70
C-35A Cradle for hanging C-35	.70
C-36 Compressor, West. DH16	.60
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40
C-61 Headlight, 5/16, plain lens	.95
C-62 Headlight, 5/16, fresnel lens	.95
C-70 Air Tank, 5/16 x 3/4	.60
C-71 Air Tank, 5/16 x 1	.60
C-81 Brake Cylinder, 3/8 dia. & lever	.70
C-83 Brake Cylinder, 5/16 dia., with slack adjuster and levers,	.70
C-86 Cylinder-tank, int. frt., type K	.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster and levers, with emergency valve	.70
C-88 Brake Cylinder & levers, 1/4" dia.	.65
C-90 Utility Vents, doz.	1.05
C-91 Brill Mushroom Vents, doz.	1.05
C-92 Garland Vents, doz.	1.05
C-93 Large Garland Vents, doz.	
C-95 Globe Vents, 5/16 dia., doz.	1.05
C-96 Choke Coil	.40
C-97 Lightning Arrestor	.45
C-98 Globe Vents, 3/16 dia., 3	.55
C-99 Utility Vents, large, IR375, doz.	1.05
C-100 Utility Vents, medium, NS, IR427, doz.	1.05
C-101 Dash Sign, dummy, C&LE, IRR	.40
C-103 Sign Box, LSE	.40
C-110 Retriever, 3/16	.40
C-120 North Shore 3rd rail pickup, dummy, set of 4	

C-130 Anticlimber, LSE	.45
C-131 Anticlimber coupler casting, OE	.40
C-132 Anticlimber casting, OE	.45
C-250 Motor Cut Out	.40
C-251 Sand Control Tank	.40
C-252 Air Cleaner, two	.40
C-253 Main Fuse Box	.40
C-255 Overload Relay	.40
C-256 Motor Cut Outs, two	.40
C-257 Arrestor-choke	.40
C-258 Line Switch	.40
C-259 Fuse Box with bracket	.40
C-260 Line Switch	.40
C-261 North Shore Fuse	.40
C-262 Short Resistor, like C-12, 3	.70
C-263 Switch Group NI300 GE "M"	1.35
C-264 Reverser NI300	.60
C-265 Box NI300	.60
C-266 Reverser NS250-165	.60
C-267 Line Switch NS250-165	.60
C-268 Reverser P&WC17	.60
C-269 Line Switch P&WC17	.60
C-303 Trolley pole foot det. castg., 2	.40
C-405 Tightlock, pair	1.50
C-407 Tightlock IR50-84, pair	1.50
C-410 Truss Rod Set, 3/16 long	.65
C-411 Queenposts on channel, 3/16 long	.65
C-412 Turnbuckles, frt. or pass., 4	.50
C-413 Queenposts, pass. 5/16 long	.65
C-416 Small Roof Mat	.55
C-417 Large Roof Mat	.65
C-430 K Controller Set	1.50
C-431 K Controller Set for hand brake controls	1.25
C-432 H L Controller Set	1.50
C-433 K-35 Controller Set (K-75)	1.50
C-440 Fare Box, Cleveland	.45
C-441 Fare Box Johnson	.45
C-450 West. HL Switch Group	1.35
C-454 West. 1925 Switch Group	1.20
C-455 GE "PC" Switch Group	1.20
C-457 GE M Switch Group, LSE	1.35

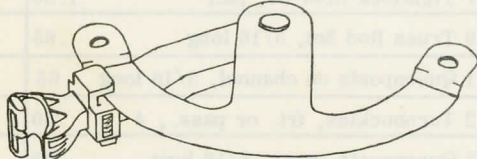
O Gauge

TROLLEY

PARTS

by

WAGNER

C-458 Control Box, LSE	.60
C-459 Box, OE73, TH&E47	.60
C-460 Rattan Seats, city or suburban, doz.	
C-461 Rattan Seats, end bench, pr.	
C-462 Plush Seats, interurban or coach, doz.	
C-470 Pilot, square spokes 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, TH&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11/16 x 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00
C-490 Steps, LSE, 11/16 wide, pr.	1.50
C-491 Steps, OE, 11/16 wide, pr.	1.50
C-493 Steps, for drop platform, pr.	1.50
C-494 Step, 1/2" wide, 4	3.00
C-520 Battery Box, IRR50-84	1.25
C-525 Dynamotor (1200v. systems)	2.00
C-530 McGuire Brooms, set for car	5.50
C-620 Insulators, wood type, 2 doz.	
C-621 Insulators, porcelain, 2 doz.	
Underbody Sets available. Price & delivery on application.	
M-404 Radius Bar, pair	5.95
	
"O Gauge TROLLEY TRUCKS" No. 4 24 pages plus supplements	2.00
Illustrated Parts Folder	.75

B-32-12v Electric Markers, brass 3/32 at bulb end, clear, each	.45
TROLLEY POLES, completely assembled blackened, ready to use:	
B-320W four springs horizontal forward with cast wheel slider, each	5.50
B-320S four springs horizontal forward with cast shoe slider, each	5.50
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	each 5.50
B-330S Same as B-330W except with shoe slider, each	5.50
B-301 Trolley wheel slider, lost wax, each	.95
B-302 Trolley shoe slider, lost wax for C&LE, IRR, etc., each	.95
FITTINGS FOR OVERHEAD WIRE, lost wax castings:	
B-610 Hangers for straight line, doz.	2.75
B-615 Hangers for curve, doz.	2.75
B-640 Frog with eyes for pulloff wires, each	.95
B-642 Crossover, adjustable 40° to 90°, each	1.25
HEADLIGHTS for 3/16 hole:	
F-10 Headlight, city, flush 7/32 dia.	
F-11 Headlight, city, extended, 3/16 dia.	
F-14A Headlight, 11" suburban with pigtail bulb, 12 v., each	2.15
F-15 Headlight, with 12v lamp, PCC, each	2.15
F-20 Retriever, standard, 3/16	.95
F-25 Retriever, streamline, 3/16	.95
Phosphor bronze wire, 24 ga., .020"	
100 feet	3.25
300 feet	5.50

1-10-80

1-10-80

PRICE LIST January 15, 1979
Parts with prices are made up as orders are received; parts not priced are not available as of date of this list. Notice will be sent if a part ordered is unduly delayed. Prices and availability of items are subject to change without notice. No open accounts. No exports. On Ohio orders please include Ohio sales tax. Shipments will be by mail or UPS to continental United States.

O Gauge **TROLLEY PARTS** TOTAL _____

Add \$1.25 for shipping _____

Check or Money Order: AMOUNT ENCLOSED _____

NAME _____

ADDRESS _____

City, State, Zip Code _____

WAGNER CAR COMPANY
59 Euclid Avenue
Wyoming, Ohio 45215

DEC

79

O Gauge TROLLEY TRUCKS

ALL WAGNER TRUCKS HAVE:

Wheels with .115" tread x .045" flange
 Back to back dimension of wheels on axle
 1-1/8" for standard "O" 1 1/4" track gauge

Check the illustrated truck book (\$3.50) for side frames and specifics on each truck.

Side frames are included in the price

Use prices in this column for the usual trolley operation from overhead wire STANDARD

Extra choices offered for WAGNER trucks:
 Standard wheels may be insulated for 2-rail operation except on INCH trucks.

Use prices in these columns for trucks with NON-Standard specifications.

WG=wheel guard

TRUCK DESIGN	Use prices in this column for the usual trolley operation from overhead wire STANDARD	2-rail	NS801 ITS300 CTA 4000 NS8440WG NS459	77EX 177E WG	
DC60 Design Power Truck & Trailer Power Only	46.00 42.00	48.50 43.25	50.00 45.50	48.00 44.00	3rd rail bars added to 27MCB or 8440 frames add \$1.00 per truck, \$2.00 per pair trucks.
DC71 Design Power Truck & Trailer Power Only	49.00 44.00	51.50 46.75	53.00 49.00		
Trailer Each Pair (2)	7.00 14.00	8.25 16.50	10.00 20.00	8.00 16.00	
			For above trucks in these columns add \$2.50 for 2-rail (2 trucks)		
INCH Design Power Truck & Trailer Power Only	49.00 45.00	NO 2-R		50.00 46.00	
LL, PC, CLL Designs Power Truck & Trailer Power Only	48.00 44.00	Quote on	52.00 48.00	50.00 46.00	

Any above design CA&E 400-419 Power & Trail \$57.00, 2-rail extra

PRICE LIST - March 10, 1982

Prices subject to change without notice.

On Ohio orders please include SALES TAX.

For prepaid shipments via United Parcel Service

give STREET ADDRESS and ZIP CODE

and include apartment numbers where applicable.

No C.O.D., no open accounts, no exports.

For U.S. mail shipment instead of U.P.S. to P.O.Box or street address, add \$3.50.

Delivery as of May-1982

About 8 weeks

Wagner
O Ga.

59 Euclid Avenue
Wyoming, Ohio 45215

OVERHEAD		
B-643 Bracket arm casting, doz.		4.85
BELOW DASH		
M-406 C-405 with radius bar, pair		5.95
M-408 C-407 with radius bar, pair		5.95
ROOF DETAILS		
C-270 Roof fuse, NS, CA&E, each		.55
C-272 West. lightning arrestor, ea.		.45
C-273 Roof lead-in wire connector, 2 types, 1 each		.45
UNDERBODY		
C271 Box for Conn.Co.1700s, ea. (also for 3100s)		.60

UNDERBODY PARTS

C-250 Motor Cut Out		.40
C-251 Sand Control Tank		.40
C-252 Air Cleaner, two		.40
C-253 Main Fuse Box		.40
C-254 Fuse		.40
C-255 Overload Relay		.40
C-256 Motor Cut Outs, each		.40
C-257 Arrestor-choke		.40
C-258 Line Switch		.40
C-259 Fuse Box with bracket		.40
C-260 Line Switch		.40
C-261 North Shore Fuse		.40
C-263 Switch Group NI300, GE "M"		1.50
C-264 Reverser NI300		.60
C-265 Box NI300		.60
C-266 Reverser NS250-165		.60
C-267 Line Switch NS250-165		.60
C-268 Reverser P&WC17		.60
C-269 Line Switch P&WC17		.60
C-12 Resistors, single grid, 3		.70
C-262 Short Resistor, like C-12, 3		.70
C-70 Air Tank 5/16 x 3/4		.60
C-71 Air Tank, 5/16 x 1		.60
C-73 Air Tank, 1/4 x 5/8		.50
C-81 Brake Cylinder, 3/8 dia. & lever		.70
C-83 Brake Cylinder, 5/16 dia, with slack adjuster & levers		.70
C-86 Cylinder-tank, int.frt., type K		.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster & levers, with emergency valve		.70
C-88 Brake Cylinder & levers, 1/4" dia.		.65

Items illustrated but not available: C-492

UNDERBODY PARTS

C-30 Compressor, GE CP27		.70
C-31 Compressor, GE C28		.80
C-31A Cradle for hanging C-31		.80
C-35 Compressor, West. D1		.70
C-35A Cradle for hanging C-35		.70
C-36 Compressor, West. DH16		.70
C-450 West. HL Switch Group set		1.50
C-453 West. HL Switch Group IRR set		1.50
C-454 West. 1925 Switch Group		1.50
C-455 GE "PC" Switch Group		1.50
C-457 GE M Switch Group, LSE set		1.50
C-458 Control Box, LSE		.60
C-459 Box, OE73, THI&E47		.60
C-410 Truss Rod Set, 3/16 long		.65
C-411 Queenposts on channel, 3/16 long		.65
C-413 Queenposts, pass. 5/16 long		.65
C-520 Battery Box, IRR50-84		1.25
C-525 Dynamotor (1200v. systems)		2.00
C-530 McGuire Brooms, set for car		5.50
Over 50 underbody sets available. Price & delivery on application. 3.50 to 10.00		
C-140 Hand Brake Mechanism, NS, etc.		1.20

TRUCK PARTS

C-120 NS 3rd rail bar, dummy, 4		2.15
C-122 NS 3rd rail bar & wheel guard set		5.75
C-122A Wheel guard for 8440 frame, pr.		3.50
C-122B Wheel guard for 27MCB, pr.		3.50
C-123 PCC-2 track brake castings set		2.75
C-123A PCC-1 track brake castings ser		1.75
C-124 Wheel Guard, Eastern Mass (77EX), pr.		2.50
C-125 LRV track brake casting, 4		2.00
"O Gauge TROLLEY TRUCKS" No. 5, 24 pages		3.50
Illustrated Parts Folder (when ordered separately)		.75

O Gauge TROLLEY PARTS: Total _____
Add Ohio Sales Tax if applicable
Add \$1.50 for shipping.... _____

Check or money order: AMOUNT _____

MAIL TO: **WAGNER CAR COMPANY**
59 Euclid Avenue
Wyoming, Ohio 45215

PRICE LIST March 10, 1982
Parts are made up as orders are received; parts not listed are not available as of this date. Notice will be sent if a part ordered in unduly delayed. Prices and availability of items are subject to change without notice. No open accounts. No exports. On OHIO orders please include SALES TAX. Shipments will be made by mail or UPS to continental U.S.

NAME _____
ADDRESS _____
City, State, Zip Code _____

O Gauge T R O L L E Y P A R T S from W A G N E R

CAR END DETAILS

C-110 Retriever, 3/16	.40
F-20 Retriever, standard, 3/16, brass	.95
F-25 Retriever, streamline, 3/16, brass	.95
C-101 Dash sign, dummy, C&LE, IRR	.40
C-102A Dash sign, with 12v. lamp	1.50
C-102B Dash sign with 1½v. lamp	1.50
C-103 Sign Box, LSE	.40
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40

INTERIOR

C-430 K Controller set	1.50
C-431 K Controller set for hand brake controls	1.25
C-432 HL Controller set	1.50
C-433 K-35 Controller set (K-75)	1.50
C-440 Fare Box, Cleveland	.45
C-441 Fare Box, Johnson	.45
C-460 Rattan Seats, city or suburban, doz.	4.50
C-461 Rattan Seats, end bench, pr.	.95
C-462 Plush Seats, interurban or coach, doz.	4.50

BELOW DASH

C-490 Steps, LSE, pair	1.50
C-491 Steps, OE, pair	1.50
C-493 Steps, for drop platform, pair	1.50
C-494 Step, ½" wide, pair	1.50
C-130 Anticlimber, LSE, each	.45
C-131 Anticlimber coupler casting, OE, each	.40
C-132 Anticlimber casting, OE, each	.45
C-133 Anticlimber casting, C&LE, each	.55
M-404 Radius Bar, pair	5.95
C-405 Tightlock, pair	1.50
C-407 Tightlock, IR50-84, pair	1.50
C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, THI&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11-16, 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:		
B-610 Hangers for straight line, doz.	3.50	
B-615 Hangers for curve, doz.	3.50	
B-640 Frog with eyes for pulloff, ea.	1.05	
B-642 Crossover, adjustable, 40° to 90°	1.25	
C-620 Insulators, wood type, 2 doz.	.95	
C-621 Insulators, porcelain type, 2 doz.	.95	
Phosphor bronze wire, 24 ga., .020"		
8" dia. coils	100 feet	4.00
	300 feet	7.00

LIGHTS

HEADLIGHTS for 3/16" hole:		
F-10 Headlight, city, flush, 7/32 dia.	.95	
F-10A Like F-10 with 12v. lamp	2.15	
F-10B Like F-10 with 1½v. lamp	2.15	
F-11 Headlight, city, extended, brass 3/16" dia.	.95	
F-11A Like F-11 with 12v. lamp	2.15	
F-11B Like F-11 with 1½v. lamp	2.15	
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15	
F-14B Like F-14A with 1½v. lamp	2.15	
F-15A Headlight with 12v. lamp, PCC	2.15	
F-15B Like F-15A with 1½v. lamp, PCC	2.15	
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45	
C-61 Headlight, 5/16", plain lens, cast	.95	
C-61A like C-61 with 12v. lamp	2.15	
C-61B Like C-61 with 1½v. lamp	2.15	
C-62 Headlight, 5/16, fresnel lens, cast	.95	
C-62A Like C-62 with 12v. lamp	2.15	
C-62B Like C-62 with 1½v. lamp	2.15	

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use:		
B-320W four springs horizontal forward with cast wheel slider	each	5.95
B-320S four springs horizontal forward with cast shoe slider		5.95
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider		5.95
B-330S Same as B-330W except with shoe slider		5.95
B-301 Trolley Wheel slider, lost wax, ea.	.95	
B-302 Trolley shoe slider, lost wax, for C&LE, IRR, etc., ea.	.95	
C-21 Smoke Stack	.40	
C-22 Smoke Stack, longer stem	.40	
C-23 Smoke Stack, goose neck	.40	
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40	
C-90 Utility Vents, doz.	1.20	
C-91 Brill Mushroom Vents, doz.	1.20	
C-92 Garland Vents, doz.	1.20	
C-93 Large Garland vents, doz.	1.20	
C-94 Utility Vent, monitor roof, doz.	1.20	
C-95 Globe Vents, 5/16 dia., doz	1.20	
C-96 Choke Coil	.40	
C-97 Lightning Arrestor	.45	
C-98 Gobe Vents, 3/16 dia., 3	.55	
C-99 Utility Vents, large, IR375, doz.	1.20	
C-100 Utility Vents, medium, NS, IR427, doz.	1.20	
C-303 Trolley pole foot detail casting, 2	.40	
C-416 Small Roof Mat	.55	
C-417 Large Roof Mat	.65	

O Gauge TROLLEY PARTS from WAGNER

CAR END DETAILS

C-110 Retriever, 3/16	.40
F-20 Retriever, standard, 3/16, brass	.95
F-25 Retriever, streamline, 3/16, brass	.95
C-101 Dash sign, dummy, C&LE, IRR	.40
C-102A Dash sign, with 12v. lamp	1.50
C-102B Dash sign with 1½v. lamp	1.50
C-103 Sign Box, LSE	.40
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40

INTERIOR

C-430 K Controller set	1.50
C-431 K Controller set for hand brake controls	1.25
C-432 HL Controller set	1.50
C-433 K-35 Controller set (K-75)	1.50
C-440 Fare Box, Cleveland	.45
C-441 Fare Box, Johnson	.45
C-460 Rattan Seats, city or suburban, doz.	4.50
C-461 Rattan Seats, end bench, pr.	.95
C-462 Plush Seats, interurban or coach, doz.	4.50

BELOW DASH

C-490 Steps, LSE, pair	1.50
C-491 Steps, OE, pair	1.50
C-493 Steps, for drop platform, pair	1.50
C-494 Step, ½" wide, pair	1.50
C-130 Anticlimber, LSE, each	.45
C-131 Anticlimber coupler casting, OE, each	.40
C-132 Anticlimber casting, OE, each	.45
C-133 Anticlimber casting, C&LE, each	.55
M-404 Radius Bar, pair	5.95
C-405 Tightlock, pair	1.50
C-407 Tightlock, IR50-84, pair	1.50
C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, THI&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11-16, 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:		
B-610 Hangers for straight line, doz.	3.50	
B-615 Hangers for curve, doz.	3.50	
B-640 Frog with eyes for pulloff, ea.	1.05	
B-642 Crossover, adjustable, 40° to 90°	1.25	
C-620 Insulators, wood type, 2 doz.	.95	
C-621 Insulators, porcelain type, 2 doz.	.95	
Phosphor bronze wire, 24 ga., .020"		
8" dia. coils 100 feet	4.00	
300 feet	7.00	

LIGHTS

HEADLIGHTS for 3/16" hole:	
F-10 Headlight, city, flush, 7/32 dia.	.95
F-10A Like F-10 with 12v. lamp	2.15
F-10B Like F-10 with 1½v. lamp	2.15
F-11 Headlight, city, extended, brass 3/16" dia.	.95
F-11A Like F-11 with 12v. lamp	2.15
F-11B Like F-11 with 1½v. lamp	2.15
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15
F-14B Like F-14A with 1½v. lamp	2.15
F-15A Headlight with 12v. lamp, PCC	2.15
F-15B Like F-15A with 1½v. lamp, PCC	2.15
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45
C-61 Headlight, 5/16", plain lens, cast	.95
C-61A like C-61 with 12v. lamp	2.15
C-61B Like C-61 with 1½v. lamp	2.15
C-62 Headlight, 5/16, fresnel lens, cast	.95
C-62A Like C-62 with 12v. lamp	2.15
C-62B Like C-62 with 1½v. lamp	2.15

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use:	
B-320W four springs horizontal forward with cast wheel slider	each 5.95
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B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	5.95
B-330S Same as B-330W except with shoe slider	5.95
B-301 Trolley Wheel slider, lost wax, ea.	.95
B-302 Trolley shoe slider, lost wax, for C&LE, IRR, etc., ea.	.95
C-21 Smoke Stack	.40
C-22 Smoke Stack, longer stem	.40
C-23 Smoke Stack, goose neck	.40
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40
C-90 Utility Vents, doz.	1.20
C-91 Brill Mushroom Vents, doz.	1.20
C-92 Garland Vents, doz.	1.20
C-93 Large Garland vents, doz.	1.20
C-94 Utility Vent, monitor roof, doz.	1.20
C-95 Globe Vents, 5/16 dia., doz	1.20
C-96 Choke Coil	.40
C-97 Lightning Arrestor	.45
C-98 Gobe Vents, 3/16 dia., 3	.55
C-99 Utility Vents, large, IR375, doz.	1.20
C-100 Utility Vents, medium, NS, IR427, doz.	1.20
C-303 Trolley pole foot detail casting, 2	.40
C-416 Small Roof Mat	.55
C-417 Large Roof Mat	.65

LETTERING

ANALOGUES by Peter Weiglin Gold O-6 Union Traction, Pass.427, O ga.	3.50
O-4 Cincinnati & Lake Erie, Highspeed Pass. & Kuhlmanns, O ga.	3.50
O-8 Ohio Electric Railway, O ga.	3.50
O-19 Cincinnati & Lake Erie Steel Motor Freights, O ga.	3.50
H-2 Cincinnati & Lake Erie, Highspeed Pass. & Kuhlmanns, HO	3.00
H-1 Indiana Railroad, HO	3.00
TRANSFERS by Walter Stinger C&Le or CH&D freight, white, O ga.	2.50
DECALS Cincinnati Street Railway, herald & numbers, black, O ga.	3.50

UNDERBODY PARTS

C-250 Motor Cut Out	.40
C-251 Sand Control Tank	.40
C-252 Air Cleaner, two	.40
C-253 Main Fuse Box	.40
C-254 Fuse	.40
C-255 Overload Relay	.40
C-256 Motor Cut Outs, each	.40
C-257 Arrestor-choke	.40
C-258 Line Switch	.40
C-259 Fuse Box with bracket	.40
C-260 Line Switch	.40
C-261 North Shore Fuse	.40
C-263 Switch Group NI300, GE "M"	1.50
C-264 Reverser NI300	.60
C-265 Box NI300	.60
C-266 Reverser NS250-165	.60
C-267 Line Switch NS250-165	.60
C-268 Reverser P&WC17	.60
C-269 Line Switch P&WC17	.60
C-12 Resistors, single grid, 3	.70
C-262 Short Resistor, like C-12, 3	.70
C-70 Air Tank 5/16 x 3/4	.60
C-71 Air Tank, 5/16 x 1	.60
C-73 Air Tank, 1/4 x 5/8	.50
C-81 Brake Cylinder, 3/8 dia. & lever	.70
C-83 Brake Cylinder, 5/16 dia, with slack adjuster & levers	.70
C-86 Cylinder-tank, int.frt., type K	.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster & levers, with emergency valve	.70
C-88 Brake Cylinder & levers, 1/4" dia.	.65

Items illustrated but not available: B-643, C-492

PRICE LIST July 15, 1981

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UNDERBODY PARTS

C-30 Compressor, GE CP27	.70
C-31 Compressor, GE C28	.80
C-31A Cradle for hanging C-31	.80
C-35 Compressor, West. D1	.70
C-35A Cradle for hanging C-35	.70
C-36 Compressor, West. DH16	.70
C-450 West. HL Switch Group set	1.50
C-453 West. HL Switch Group IRR set	1.50
C-454 West. 1925 Switch Group	1.50
C-455 GE "PC" Switch Group	1.50
C-457 GE M Switch Group, LSE set	1.50
C-458 Control Box, LSE	.60
C-459 Box, OE73, THI&E47	.60
C-410 Truss Rod Set, 3/16 long	.65
C-411 Queenposts on channel, 3/16 long	.65
C-413 Queenposts, pass. 5/16 long	.65
C-520 Battery Box, IRR50-84	1.25
C-525 Dynamotor (1200v. systems)	2.00
C-530 McGuire Brooms, set for car	5.50
Over 50 underbody sets available. Price & delivery on application. 3.50 to 10.00	
C-140 Hand Brake Mechanism, NS, etc.	1.20

TRUCK PARTS

C-120 NS 3rd rail bar, dummy, 4	2.15
C-122 NS 3rd rail bar & wheel guard set	5.75
C-122A Wheel guard for 8440 frame, pr.	3.50
C-122B Wheel guard for 27MCB, pr.	3.50
C-123 PCC-2 track brake castings set	2.75
C-123A PCC-1 track brake castings ser	1.75
C-124 Wheel Guard, Eastern Mass (77EX), pr.	2.50
C-125 LRV track brake casting, 4	2.00
"O Gauge TROLLEY TRUCKS" No. 5, 24 pages NEW	3.50
Illustrated Parts Folder (when ordered separately)	.75

O Gauge TROLLEY PARTS: Total _____
Add Ohio Sales Tax if applicable _____
Add \$1.50 for shipping.... _____

Check or money order: AMOUNT _____

MAIL TO: **WAGNER CAR COMPANY**

59 Euclid Avenue

Wyoming, Ohio 45215

NAME _____

ADDRESS _____

City, State, Zip Code _____

O Gauge TROLLEY PARTS from WAGNER

CAR END DETAILS

C-110 Retriever, 3/16	.40
F-20 Retriever, standard, 3/16, brass	.95
F-25 Retriever, streamline, 3/16, brass	.95
C-101 Dash sign, dummy, C&LE, IRR	.40
C-102A Dash sign, with 12v. lamp	1.50
C-102B Dash sign with 1½v. lamp	1.50
C-103 Sign Box, LSE	.40
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40

INTERIOR

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C-431 K Controller set for hand brake controls	1.25
C-432 HL Controller set	1.50
C-433 K-35 Controller set (K-75)	1.50
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C-441 Fare Box, Johnson	.45
C-460 Rattan Seats, city or suburban, doz.	4.50
C-461 Rattan Seats, end bench, pr.	.95
C-462 Plush Seats, interurban or coach, doz.	4.50

BELOW DASH

C-490 Steps, LSE, pair	1.50
C-491 Steps, OE, pair	1.50
C-493 Steps, for drop platform, pair	1.50
C-494 Step, ½" wide, pair	1.50
C-130 Anticlimber, LSE, each	.45
C-131 Anticlimber coupler casting, OE, each	.40
C-132 Anticlimber casting, OE, each	.45
C-133 Anticlimber casting, C&LE, each	.55
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C-405 Tightlock, pair	1.50
C-407 Tightlock, IR50-84, pair	1.50
C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, THI&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11-16, 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:	
B-610 Hangers for straight line, doz.	3.50
B-615 Hangers for curve, doz.	3.50
B-640 Frog with eyes for pulloff, ea.	1.05
B-642 Crossover, adjustable, 40° to 90°	1.25
C-620 Insulators, wood type, 2 doz.	.95
C-621 Insulators, porcelain type, 2 doz.	.95
Phosphor bronze wire, 24 ga., .020"	
8" dia. coils 100 feet	4.00
300 feet	7.00

LIGHTS

HEADLIGHTS for 3/16" hole:	
F-10 Headlight, city, flush, 7/32 dia.	.95
F-10A Like F-10 with 12v. lamp	2.15
F-10B Like F-10 with 1½v. lamp	2.15
F-11 Headlight, city, extended, brass 3/16" dia.	.95
F-11A Like F-11 with 12v. lamp	2.15
F-11B Like F-11 with 1½v. lamp	2.15
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15
F-14B Like F-14A with 1½v. lamp	2.15
F-15A Headlight with 12v. lamp, PCC	2.15
F-15B Like F-15A with 1½v. lamp, PCC	2.15
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45
C-61 Headlight, 5/16", plain lens, cast	.95
C-61A like C-61 with 12v. lamp	2.15
C-61B Like C-61 with 1½v. lamp	2.15
C-62 Headlight, 5/16, fresnel lens, cast	.95
C-62A Like C-62 with 12v. lamp	2.15
C-62B Like C-62 with 1½v. lamp	2.15

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use: each	
B-320W four springs horizontal forward with cast wheel slider	5.95
B-320S four springs horizontal forward with cast shoe slider	5.95
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	5.95
B-330S Same as B-330W except with shoe slider	5.95
B-301 Trolley Wheel slider, lost wax, ea.	.95
B-302 Trolley shoe slider, lost wax, for C&LE, IRR, etc., ea.	.95
C-21 Smoke Stack	.40
C-22 Smoke Stack, longer stem	.40
C-23 Smoke Stack, goose neck	.40
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40
C-90 Utility Vents, doz.	1.20
C-91 Brill Mushroom Vents, doz.	1.20
C-92 Garland Vents, doz.	1.20
C-93 Large Garland vents, doz.	1.20
C-94 Utility Vent, monitor roof, doz.	1.20
C-95 Globe Vents, 5/16 dia., doz	1.20
C-96 Choke Coil	.40
C-97 Lightning Arrestor	.45
C-98 Gobe Vents, 3/16 dia., 3	.55
C-99 Utility Vents, large, IR375, doz.	1.20
C-100 Utility Vents, medium, NS, IR427, doz.	1.20
C-303 Trolley pole foot detail casting, 2	.40
C-416 Small Roof Mat	.55
C-417 Large Roof Mat	.65

O Gauge TROLLEY TRUCKS

ALL WAGNER TRUCKS HAVE:

Wheels with .115" tread x .045" flange
 Back to back dimension of wheels on axle
 1-1/8" for standard "O" 1 1/4" track gauge

Check the illustrated truck book (\$3.50) for side frames and specifics on each truck.

Side frames are included in the price

Use prices in this column for the usual trolley operation from overhead wire STANDARD

Extra choices offered for WAGNER trucks:
 Standard wheels may be insulated for 2-rail operation except on INCH trucks.

Use prices in these columns for trucks with NON-Standard specifications.

WG=wheel guard

TRUCK DESIGN	Use prices in this column for the usual trolley operation from overhead wire STANDARD	2-rail	NS801 ITS300 CTA 4000 NS8440WG NS459	77EX 177E WG	
DC60 Design Power Truck & Trailer	46.00	48.50	50.00	48.00	3rd rail bars added to 27MCB or 8440 frames add \$1.00 per truck, \$2.00 per pair trucks.
Power Only	42.00	43.25	45.50	44.00	
DC71 Design Power Truck & Trailer	49.00	51.50	53.00		
Power Only	44.00	46.75	49.00		
Trailer Each	7.00	8.25	10.00	8.00	
Pair (2)	14.00	16.50	20.00	16.00	
			For above trucks in these columns add \$2.50 for 2-rail (2 trucks)		
INCH Design Power Truck & Trailer	49.00	NO		50.00	
Power Only	45.00	2-R		46.00	
LL, PC, CLL Designs Power Truck & Trailer	48.00	Quote	52.00	50.00	
Power Only	44.00	on	48.00	46.00	

PRICE LIST - July 15, 1981

Prices subject to change without notice.

On Ohio orders please include SALES TAX.

For prepaid shipments via United Parcel Service give STREET ADDRESS and ZIP CODE

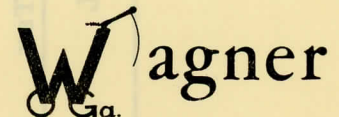
and include apartment numbers where applicable.

No C.O.D., no open accounts, no exports.

For U.S. mail shipment instead of U.P.S. to P.O.Box or street address, add \$3.50.

Delivery as of Feb-1982

About 6 weeks



59 Euclid Avenue
 Wyoming, Ohio 45215

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:	
B-610 Hangers for straight line, doz.	2.75
B-615 Hangers for curve, doz.	2.75
B-640 Frog with eyes for pulloff wires, each	.95
B-642 Crossover, adjustable 40° to 90°	1.25
C-620 Insulators, wood type, 2 doz.	.95
C-621 Insulators, porcelain type, 2 doz.	.95
Phosphor bronze wire, 24 ga., .020" 8" dia. coils	
100 feet	3.25
300 feet	5.50

UNDERBODY PARTS

C-250 Motor Cut Out	.40
C-251 Sand Control Tank	.40
C-252 Air Cleaner, two	.40
C-253 Main Fuse Box	.40
C-254 Fuse	.40
C-255 Overload Relay	.40
C-256 Motor Cut Outs, each	.40
C-257 Arrestor-choke	.40
C-258 Line Switch	.40
C-259 Fuse Box with bracket	.40
C-260 Line Switch	.40
C-261 North Shore Fuse	.40
C-263 Switch Group NI300 GE "M"	1.50
C-264 Reverser NI300	.60
C-265 Box NI300	.60
C-266 Reverser NS250-165	.60
C-267 Line Switch NS250-165	.60
C-268 Reverser P&WC17	.60
C-269 Line Switch P&WC17	.60
C-12 Resistors, single grid, 3	.70
C-262 Short Resistor, like C-12, 3	.70
C-70 Air Tank, 5/16 x 3/4	.60
C-71 Air Tank, 5/16 x 1	.60
C-73 Air Tank 1/4 x 5/8	.50
C-81 Brake Cylinder, 3/8 dia. & lever	.70
C-83 Brake Cylinder, 5/16 dia., with slack adjuster and levers,	.70
C-86 Cylinder-tank, int. frt., type K	.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster and levers, with emergency valve	.70
C-88 Brake Cylinder & levers, 1/4" dia.	.65

Items illustrated but not available: B-643, C-492

PRICE LIST January 2, 1980

Parts with prices are made up as orders are received; parts not priced are not available as of date of this list. Notice will be sent if a part ordered is unduly delayed. Prices and availability of items are subject to change without notice. No open accounts. No exports. On Ohio orders please include OHIO SALES TAX. Shipments will be by mail or UPS to continental U. S.

NAME _____

ADDRESS _____

City, State, Zip Code _____

UNDERBODY PARTS

C-30 Compressor, GE CP27	.70
C-31 Compressor, GE C28	.80
C-31A Cradle for hanging C-31	.80
C-35 Compressor, West. D1	.70
C-35A Cradle for hanging C-35	.70
C-36 Compressor, West. DH16	.70
C-450 West. HL Switch Group set	1.50
C-453 West. HL Switch Group IRR set	1.50
C-454 West. 1925 Switch Group	1.35
C-455 GE "PC" Switch Group	1.50
C-457 GE M Switch Group, LSE set	1.50
C-458 Control Box, LSE	.60
C-459 Box, OE73, THIE47	.60
C-410 Truss Rod Set, 3/16 long	.65
C-411 Queenposts on channel, 3/16 long	.65
C-413 Queenposts, pass. 5/16 long	.65
C-520 Battery Box, IRR50-84	1.25
C-525 Dynamotor (1200v. systems)	2.00
C-530 McGuire Brooms, set for car	5.50
Over 50 underbody sets available. Price & delivery on application. 3.50 to 10.00	
C-140 Hand Brake Mechanism, NS, etc.	1.20

TRUCK PARTS

C-120 NS 3rd rail bar, dummy, 4	2.15
C-122 NS 3rd rail bar & wheel guard set	5.75
C-122A Wheel guard for 8440 frame, pr.	3.50
C-122B Wheel guard for 27 MCB, pr.	3.50
C-123 PCC-2 track brake castings set	2.75
C-123A PCC-1 " " " "	1.75
C-124 Wheel guard, Eastern Mass (77EX), 4	2.50
C-125 LRV track brake casting, 4	2.00

"O Gauge TROLLEY TRUCKS" No. 4, 24 pages plus supplements	2.00
Illustrated Parts Folder (when ordered separately)	.75

O Gauge **TROLLEY PARTS** TOTAL _____

Add \$1.25 for shipping _____

Check or Money Order: AMOUNT ENCLOSED _____

Mail to: **WAGNER CAR COMPANY**
59 Euclid Avenue
Wyoming, Ohio 45215

JAN 80

O Gauge **TROLLEY PARTS** by **WAGNER**

Convenient ORDER FORM:

Quantity ITEM and UNIT PRICE Amount

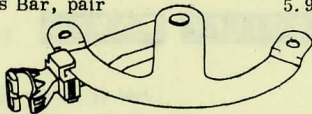
CAR END DETAILS

C-110 Retriever, 3/16	.40
F-20 Retriever, standard, 3/16, brass	.95
F-25 Retriever, streamline, 3/16, brass	.95
C-101 Dash Sign, dummy, C&LE, IRR	.40
C-102A Dash sign with 12v. lamp	1.50
C-102B Dash sign with 1½ v. lamp	1.50
C-103 Sign Box, LSE	.40
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40

INTERIOR

C-430 K Controller set	1.50
C-431 K Controller set for hand brake controls	1.25
C-432 H L Controller set	1.50
C-433 K-35 Controller set (K-75)	1.50
C-440 Fare Box, Cleveland	.45
C-441 Fare Box Johnson	.45
C-460 Rattan Seats, city or suburban, dz.3.50	
C-461 Rattan Seats, end bench, pr.	.75
C-462 Plus Seats, interurban or coach, doz.	3.50

BELOW DASH

C-490 Steps, LSE, pair	1.50
C-491 Steps, OE, pair	1.50
C-493 Steps, for drop platform, pair	1.50
C-494 Step, ½" wide, pair	1.50
C-130 Anticlimber, LSE, each	.45
C-131 Anticlimber coupler casting, OE, each	.40
C-132 Anticlimber casting, OE, each	.45
C-133 Anticlimber casting, C&LE, each	.55
M-404 Radius Bar, pair	5.95
	
C-404 Tightlock, pair	1.50
C-407 Tightlock, IR50-84, pair	1.50
C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, TH&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11/16 x 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00

LIGHTS

HEADLIGHTS for 3/16 hole:	
F-10 Headlight, city, flush, 7/32 dia.	
F-11 Headlight, city, extended, 3/16 dia.	
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15
F-14B Headlight, 11" suburban with pigtail bulb, 1½v.	2.15
F-15 Headlight with 12v. lamp, PCC	2.15
F-15B Headlight with 1½v. lamp, PCC	2.15
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45
C-61 Headlight, 5/16, plain lens	.95
C-62 Headlight, 5/16, fresnel lens	.95

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use:	
B-320W four springs horizontal forward with cast wheel slider	5.95
B-320S four springs horizontal forward with cast shoe slider	5.95
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	5.95
B-330S Same as B-330W except with shoe slider	5.95
B-301 Trolley wheel slider, lost wax	.95
B-302 Trolley shoe slider, lost wax for C&LE, IRR, etc.	.95
C-21 Smoke Stack	.40
C-22 Smoke Stack, longer stem	.40
C-23 Smoke Stack, goose neck	.40
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40
C-90 Utility Vents, doz.	1.20
C-91 Brill Mushroom Vents, doz.	1.20
C-92 Garland Vents, doz.	1.20
C-93 Large Garland Vents, doz.	1.20
C-94 Utility Vent, monitor roof, doz.	1.20
C-95 Globe Vents, 5/16 dia., doz.	1.20
C-96 Choke Coil	.40
C-97 Lightning Arrestor	.45
C-98 Globe Vents, 3/16 dia., 3	.55
C-99 Utility Vents, large, IR375, doz.	1.20
C-100 Utility Vents, medium, NS, IR427, doz.	1.20
C-303 Trolley pole foot detail casting, 2	.40
C-416 Small Roof Mat	.55
C-417 Large Roof Mat	.65

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LETTERING

ANALOGUES by Peter Weiglin Gold O-6 Union Traction, Pass. 427, O ga.	3.50
O-4 Cincinnati & Lake Erie, Highspeed Pass. & Kuhlman's, O ga.	3.50
O-8 Ohio Electric Railway, O ga.	3.50
O-19 Cincinnati & Lake Erie Steel Motor Freights, O ga.	3.50
H-2 Cincinnati & Lake Erie, Highspeed Pass. & Kuhlman's, HO	3.00
H-1 Indiana Railroad, HO	3.00
TRANSFERS by Walter Stinger C&Le or CH&D freight, white, O ga.	2.50
DECALS	
Cincinnati Street Railway, herald & numbers, black, O ga.	3.50

UNDERBODY PARTS

C-250 Motor Cut Out	.40
C-251 Sand Control Tank	.40
C-252 Air Cleaner, two	.40
C-253 Main Fuse Box	.40
C-254 Fuse	.40
C-255 Overload Relay	.40
C-256 Motor Cut Outs, each	.40
C-257 Arrestor-choke	.40
C-258 Line Switch	.40
C-259 Fuse Box with bracket	.40
C-260 Line Switch	.40
C-261 North Shore Fuse	.40
C-263 Switch Group NI300, GE "M"	1.50
C-264 Reverser NI300	.60
C-265 Box NI300	.60
C-266 Reverser NS250-165	.60
C-267 Line Switch NS250-165	.60
C-268 Reverser P&WC17	.60
C-269 Line Switch P&WC17	.60
C-12 Resistors, single grid, 3	.70
C-262 Short Resistor, like C-12, 3	.70
C-70 Air Tank 5/16 x 3/4	.60
C-71 Air Tank, 5/16 x 1	.60
C-73 Air Tank, 1/4 x 5/8	.50
C-81 Brake Cylinder, 3/8 dia. & lever	.70
C-83 Brake Cylinder, 5/16 dia. with slack adjuster & levers	.70
C-86 Cylinder-tank, int. frt., type K	.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster & levers, with emergency valve	.70
C-88 Brake Cylinder & levers, 1/4" dia.	.65

Items illustrated but not available: B-643, C-492

UNDERBODY PARTS

C-30 Compressor, GE CP27	.70
C-31 Compressor, GE C28	.80
C-31A Cradle for hanging C-31	.80
C-35 Compressor, West. D1	.70
C-35A Cradle for hanging C-35	.70
C-36 Compressor, West. DH16	.70
C-450 West. HL Switch Group set	1.50
C-453 West. HL Switch Group IRR set	1.50
C-454 West. 1925 Switch Group	1.50
C-455 GE "PC" Switch Group	1.50
C-457 GE M Switch Group, LSE set	1.50
C-458 Control Box, LSE	.60
C-459 Box, OE73, THI&E47	.60
C-410 Truss Rod Set, 3/16 long	.65
C-411 Queenposts on channel, 3/16 long	.65
C-413 Queenposts, pass. 5/16 long	.65
C-520 Battery Box, IRR50-84	1.25
C-525 Dynamotor (1200v. systems)	2.00
C-530 McGuire Brooms, set for car	5.50
Over 50 underbody sets available. Price & delivery on application. 3.50 to 10.00	
C-140 Hand Brake Mechanism, NS, etc.	1.20

TRUCK PARTS

C-120 NS 3rd rail bar, dummy, 4	2.15
C-122 NS 3rd rail bar & wheel guard set	5.75
C-122A Wheel guard for 8440 frame, pr.	3.50
C-122B Wheel guard for 27MCB, pr.	3.50
C-123 PCC-2 track brake castings set	2.75
C-123A PCC-1 track brake castings ser	1.75
C-124 Wheel Guard, Eastern Mass (77EX), pr.	2.50
C-125 LRV track brake casting, 4	2.00
"O Gauge TROLLEY TRUCKS" No. 5, 24 pages NEW	3.50
Illustrated Parts Folder (when ordered separately)	.75

O Gauge TROLLEY PARTS: Total _____
Add Ohio Sales Tax if applicable _____
Add \$1.50 for shipping.... _____

Check or money order: AMOUNT _____

MAIL TO: WAGNER CAR COMPANY
59 Euclid Avenue
Wyoming, Ohio 45215

PRICE LIST July 15, 1981
Parts are made up as orders are received; parts not listed are not available as of this date. Notice will be sent if a part ordered in unduly delayed. Prices and availability of items are subject to change without notice. No open accounts. No exports. On OHIO orders please include SALES TAX. Shipments will be made by mail or UPS to continental U.S.

NAME _____
ADDRESS _____
City, State, Zip Code _____

O Gauge TROLLEY PARTS from WAGNER

CAR END DETAILS

C-110 Retriever, 3/16	.40
F-20 Retriever, standard, 3/16, brass	.95
F-25 Retriever, streamline, 3/16, brass	.95
C-101 Dash sign, dummy, C&LE, IRR	.40
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C-103 Sign Box, LSE	.40
C-40 Air Horn, single	.40
C-41 Whistle, slim	.40
C-50 Air Horns, dual	.40

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C-431 K Controller set for hand brake controls	1.25
C-432 HL Controller set	1.50
C-433 K-35 Controller set (K-75)	1.50
C-440 Fare Box, Cleveland	.45
C-441 Fare Box, Johnson	.45
C-460 Rattan Seats, city or suburban, doz.	4.50
C-461 Rattan Seats, end bench, pr.	.95
C-462 Plush Seats, interurban or coach, doz.	4.50

BELOW DASH

C-490 Steps, LSE, pair	1.50
C-491 Steps, OE, pair	1.50
C-493 Steps, for drop platform, pair	1.50
C-494 Step, ½" wide, pair	1.50
C-130 Anticlimber, LSE, each	.45
C-131 Anticlimber coupler casting, OE, each	.40
C-132 Anticlimber casting, OE, each	.45
C-133 Anticlimber casting, C&LE, each	.55
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C-405 Tightlock, pair	1.50
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C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00
C-471 Pilot, 9/32 x 1-3/4	2.00
C-472 Pilot, OE, NI, THI&E, 11/16 x 1-13/16	5.00
C-473 Pilot, C&D, 11-16, 1-13/16	4.50
C-474 Pilot, 3/8 x 1-11/16	2.00

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:		
B-610 Hangers for straight line, doz.	3.50	
B-615 Hangers for curve, doz.	3.50	
B-640 Frog with eyes for pulloff, ea.	1.05	
B-642 Crossover, adjustable, 40° to 90°	1.25	
C-620 Insulators, wood type, 2 doz.	.95	
C-621 Insulators, porcelain type, 2 doz.	.95	
Phosphor bronze wire, 24 ga., .020" 8" dia. coils	100 feet	4.00
	300 feet	7.00

LIGHTS

HEADLIGHTS for 3/16" hole:		
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F-10A Like F-10 with 12v. lamp	2.15	
F-10B Like F-10 with 1½v. lamp	2.15	
F-11 Headlight, city, extended, brass 3/16" dia.	.95	
F-11A Like F-11 with 12v. lamp	2.15	
F-11B Like F-11 with 1½v. lamp	2.15	
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15	
F-14B Like F-14A with 1½v. lamp	2.15	
F-15A Headlight with 12v. lamp, PCC	2.15	
F-15B Like F-15A with 1½v. lamp, PCC	2.15	
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45	
C-61 Headlight, 5/16", plain lens, cast	.95	
C-61A like C-61 with 12v. lamp	2.15	
C-61B Like C-61 with 1½v. lamp	2.15	
C-62 Headlight, 5/16, fresnel lens, cast	.95	
C-62A Like C-62 with 12v. lamp	2.15	
C-62B Like C-62 with 1½v. lamp	2.15	

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use: each		
B-320W four springs horizontal forward with cast wheel slider	5.95	
B-320S four springs horizontal forward with cast shoe slider	5.95	
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	5.95	
B-330S Same as B-330W except with shoe slider	5.95	
B-301 Trolley Wheel slider, lost wax, ea.	.95	
B-302 Trolley shoe slider, lost wax, for C&LE, IRR, etc., ea.	.95	
C-21 Smoke Stack	.40	
C-22 Smoke Stack, longer stem	.40	
C-23 Smoke Stack, goose neck	.40	
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40	
C-90 Utility Vents, doz.	1.20	
C-91 Brill Mushroom Vents, doz.	1.20	
C-92 Garland Vents, doz.	1.20	
C-93 Large Garland vents, doz.	1.20	
C-94 Utility Vent, monitor roof, doz.	1.20	
C-95 Globe Vents, 5/16 dia., doz	1.20	
C-96 Choke Coil	.40	
C-97 Lightning Arrestor	.45	
C-98 Gobe Vents, 3/16 dia., 3	.55	
C-99 Utility Vents, large, IR375, doz.	1.20	
C-100 Utility Vents, medium, NS, IR427, doz.	1.20	
C-303 Trolley pole foot detail casting, 2	.40	
C-416 Small Roof Mat	.55	
C-417 Large Roof Mat	.65	

OVERHEAD

FITTINGS FOR OVERHEAD WIRE, lost wax castings:		
B-610 Hangers for straight line, doz.	2.75	
B-615 Hangers for curve, doz.	2.75	
B-640 Frog with eyes for pulloff wires, each	.95	
B-642 Crossover, adjustable 40° to 90°	1.25	
C-620 Insulators, wood type, 2 doz.	.95	
C-621 Insulators, porcelain type, 2 doz.	.95	
Phosphor bronze wire, 24 ga., .020" 8" dia. coils		
100 feet	3.25	
300 feet	5.50	

UNDERBODY PARTS

C-250 Motor Cut Out	.40
C-251 Sand Control Tank	.40
C-252 Air Cleaner, two	.40
C-253 Main Fuse Box	.40
C-254 Fuse	.40
C-255 Overload Relay	.40
C-256 Motor Cut Outs, each	.40
C-257 Arrestor-choke	.40
C-258 Line Switch	.40
C-259 Fuse Box with bracket	.40
C-260 Line Switch	.40
C-261 North Shore Fuse	.40
C-263 Switch Group NI300 GE "M"	1.50
C-264 Reverser NI300	.60
C-265 Box NI300	.60
C-266 Reverser NS250-165	.60
C-267 Line Switch NS250-165	.60
C-268 Reverser P&WC17	.60
C-269 Line Switch P&WC17	.60
C-12 Resistors, single grid, 3	.70
C-262 Short Resistor, like C-12, 3	.70
C-70 Air Tank, 5/16 x 3/4	.60
C-71 Air Tank, 5/16 x 1	.60
C-73 Air Tank 1/4 x 5/8	.50
C-81 Brake Cylinder, 3/8 dia. & lever	.70
C-83 Brake Cylinder, 5/16 dia., with slack adjuster and levers,	.70
C-86 Cylinder-tank, int. frt., type K	.65
C-87 Brake Cylinder, 3/8 dia. with slack adjuster and levers, with emergency valve	.70
C-88 Brake Cylinder & levers, 1/4" dia.	.65

Items illustrated but not available: B-643, C-492

PRICE LIST January 2, 1980

Parts with prices are made up as orders are received; parts not priced are not available as of date of this list. Notice will be sent if a part ordered is unduly delayed. Prices and availability of items are subject to change without notice. No open accounts. No exports. On Ohio orders please include OHIO SALES TAX. Shipments will be by mail or UPS to continental U. S.

NAME _____

ADDRESS _____

City, State, Zip Code _____

UNDERBODY PARTS

C-30 Compressor, GE CP27	.70
C-31 Compressor, GE C28	.80
C-31A Cradle for hanging C-31	.80
C-35 Compressor, West. D1	.70
C-35A Cradle for hanging C-35	.70
C-36 Compressor, West. DH16	.70
C-450 West. HL Switch Group set	1.50
C-453 West. HL Switch Group IRR set	1.50
C-454 West. 1925 Switch Group	1.35
C-455 GE "PC" Switch Group	1.50
C-457 GE M Switch Group, LSE set	1.50
C-458 Control Box, LSE	.60
C-459 Box, OE73, THI&E47	.60
C-410 Truss Rod Set, 3/16 long	.65
C-411 Queenposts on channel, 3/16 long	.65
C-413 Queenposts, pass. 5/16 long	.65
C-520 Battery Box, IRR50-84	1.25
C-525 Dynamotor (1200v. systems)	2.00
C-530 McGuire Brooms, set for car	5.50
Over 50 underbody sets available. Price & delivery on application. 3.50 to 10.00	
C-140 Hand Brake Mechanism, NS, etc.	1.20

TRUCK PARTS

C-120 NS 3rd rail bar, dummy, 4	2.15
C-122 NS 3rd rail bar & wheel guard set	5.75
C-122A Wheel guard for 8440 frame, pr.	3.50
C-122B Wheel guard for 27MCB, pr.	3.50
C-123 PCC-2 track brake castings set	2.75
C-123A PCC-1 " " " "	1.75
C-124 Wheel guard, Eastern Mass (77EX), 4	2.50
C-125 LRV track brake casting, 4	2.00

"O Gauge TROLLEY TRUCKS" No. 4, 24 pages plus supplements	2.00
Illustrated Parts Folder (when ordered separately)	.75

O Gauge **TROLLEY PARTS** TOTAL _____

Add \$1.25 for shipping _____

Check or Money Order: AMOUNT ENCLOSED _____

Mail to: **WAGNER CAR COMPANY**
59 Euclid Avenue
Wyoming, Ohio 45215

FEB 80
FEB 80

O Gauge **TROLLEY PARTS** by **WAGNER**

Convenient ORDER FORM:

Quantity ITEM and UNIT PRICE Amount

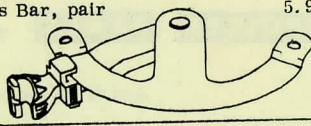
CAR END DETAILS

C-110 Retriever, 3/16	.40	
F-20 Retriever, standard, 3/16, brass	.95	
F-25 Retriever, streamline, 3/16, brass	.95	
C-101 Dash Sign, dummy, C&LE, IRR	.40	
C-102A Dash sign with 12v. lamp	1.50	
C-102B Dash sign with 1½v. lamp	1.50	
C-103 Sign Box, LSE	.40	
C-40 Air Horn, single	.40	
C-41 Whistle, slim	.40	
C-50 Air Horns, dual	.40	

INTERIOR

C-430 K Controller set	1.50	
C-431 K Controller set for hand brake controls	1.25	
C-432 H L Controller set	1.50	
C-433 K-35 Controller set (K-75)	1.50	
C-440 Fare Box, Cleveland	.45	
C-441 Fare Box Johnson	.45	
C-460 Rattan Seats, city or suburban, dz.	3.50	
C-461 Rattan Seats, end bench, pr.	.75	
C-462 Plus Seats, interurban or coach, doz.	3.50	

BELOW DASH

C-490 Steps, LSE, pair	1.50	
C-491 Steps, OE, pair	1.50	
C-493 Steps, for drop platform, pair	1.50	
C-494 Step, ½" wide, pair	1.50	
C-130 Anticlimber, LSE, each	.45	
C-131 Anticlimber coupler casting, OE, each	.40	
C-132 Anticlimber casting, OE, each	.45	
C-133 Anticlimber casting, C&LE, each	.55	
M-404 Radius Bar, pair	5.95	
C-404 Tightlock, pair	1.50	
C-407 Tightlock, IR50-84, pair	1.50	
C-470 Pilot, square spokes, 7/16 x 1-13/16	2.00	
C-471 Pilot, 9/32 x 1-3/4	2.00	
C-472 Pilot, OE, NI, THI&E, 11/16 x 1-13/16	5.00	
C-473 Pilot, C&D, 11/16 x 1-13/16	4.50	
C-474 Pilot, 3/8 x 1-11/16	2.00	

LIGHTS

HEADLIGHTS for 3/16 hole:		
F-10 Headlight, city, flush, 7/32 dia.		
F-11 Headlight, city, extended, 3/16 dia.		
F-14A Headlight, 11" suburban with pigtail bulb, 12v.	2.15	
F-14B Headlight, 11" suburban with pigtail bulb, 1½v.	2.15	
F-15 Headlight with 12v. lamp, PCC	2.15	
F-15B Headlight with 1½v. lamp, PCC	2.15	
B-32-12v. Electric Markers, brass, 3/32 at bulb end, clear, each	.45	
C-61 Headlight, 5/16, plain lens	.95	
C-62 Headlight, 5/16, fresnel lens	.95	

ROOF DETAILS

TROLLEY POLES, completely assembled, blackened, ready to use:		
B-320W four springs horizontal forward with cast wheel slider	5.95	
B-320S four springs horizontal forward with cast shoe slider	5.95	
B-330W four springs horizontal back Ohio Brass Form I as per North Shore, lost wax base, wheel slider	5.95	
B-330S Same as B-330W except with shoe slider	5.95	
B-301 Trolley wheel slider, lost wax	.95	
B-302 Trolley shoe slider, lost wax for C&LE, IRR, etc.	.95	
C-21 Smoke Stack	.40	
C-22 Smoke Stack, longer stem	.40	
C-23 Smoke Stack, goose neck	.40	
C-24 Smoke Stack, LSE (Stacks have 5/32 dia. bases)	.40	
C-90 Utility Vents, doz.	1.20	
C-91 Brill Mushroom Vents, doz.	1.20	
C-92 Garland Vents, doz.	1.20	
C-93 Large Garland Vents, doz.	1.20	
C-94 Utility Vent, monitor roof, doz.	1.20	
C-95 Globe Vents, 5/16 dia., doz.	1.20	
C-96 Choke Coil	.40	
C-97 Lightning Arrestor	.45	
C-98 Globe Vents, 3/16 dia., 3	.55	
C-99 Utility Vents, large, IR375, doz.	1.20	
C-100 Utility Vents, medium, NS, IR427, doz.	1.20	
C-303 Trolley pole foot detail casting, 2	.40	
C-416 Small Roof Mat	.55	
C-417 Large Roof Mat	.65	

Wagner Trolley

Supplement to Truck Book IV

Trucks may be ordered with frames listed:

27G	AB64	7225	B&S-F	IT300
27F	W831	StL23	MR78	NS801
22E	StL64	M10A	IR78	AM490
O50	77EX	D72(50)	27E	P7C
StL47	177E	Cin72	27MCB	21E
StL47C	TCL66	PGH 72	NS27MCB	
39E	CTA66	C55P	C60	79E
39E2	BLW66	68E	OE7830	Cin139
39E2X	OB4566	68E2	7830	
BS12C	OB4566ALV	B&S-H	8440	
58-16	D66	ABC74	NS8440	
60-16	IT404	77E	NS8440WG	
67F	77E1	BLW78	8445	
AB60	PE600	CTA78(4000)	TA84	
C35P	CM69	McG	RM63B	

Can motor design can be supplied with any of the above frames, including max. traction ones (see TT 133).

Remove 18:1 gear from INCH design on page 9, 15, 1977, & 1978 supplements--all will have 22:1 gears.

INCH trucks with 33" & 36" wheels will not be built again until there is a delivery of motors. Substitute: LL or CLL design - some PC designs also work - check with us.

#70 design has been replaced by DC71 design.

No slow speed motors.

1/2/80

Wagner Car Co. ♦ TROLLEY TALK

59 Euclid Avenue Wyoming, Ohio 45215



Dear Mr Gaskill;

1/12/80

Thank you for your order.

The C-110s are ready-inclosed.

We have not had a chance to make more B-310 poles-still at least a month off. The 310 poles is a 4 spring vertical one - B-320 is a 4 spring horizontal. 320 poles are now out of stock but parts will run shortly and final assembly is still a good month away.

At this writing only the 330 poles are on hand-these are 4 spring horizontal back.

Sincerely,

R Wagner

O Gauge

TROLLEY

PARTS

WAGNER CAR COMPANY
59 Euclid Avenue
Wyoming, Ohio 45215



C-40 Air Horn



C-41 Whistle



C-50 Air Horns



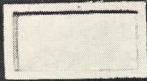
F-20 Retriever



F-25 Retriever



C-110 Retriever



C-101 Dash Sign

CINCINNATI
MT. HEALTHY
HAMILTON
MIDDLETOWN
NIANISBURG
MORAIN
FRANKLINVILLE
COLUMBIANA
FORT WAYNE
EGAN
LIMITED
LOCAL

INDIANAPOLIS
COLUMBUS
SEYMOUR

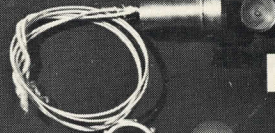
C-102 Dash Sign



F-10 Headlight



F-11 Headlight



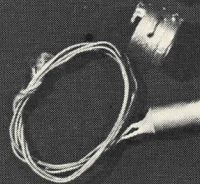
F-14A-12v Headlight



C-61 Headlight



C-62 Headlight

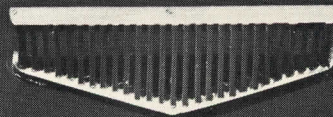


C-63 Headlight

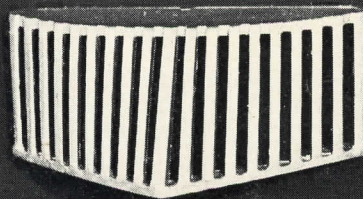
B-32-12v Marker



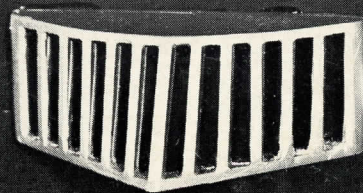
C-471 Pilot



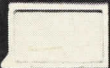
C-470 Pilot



C-472 Pilot



C-473 Pilot



C-103 Sign



C-130 Anticlimber Casting



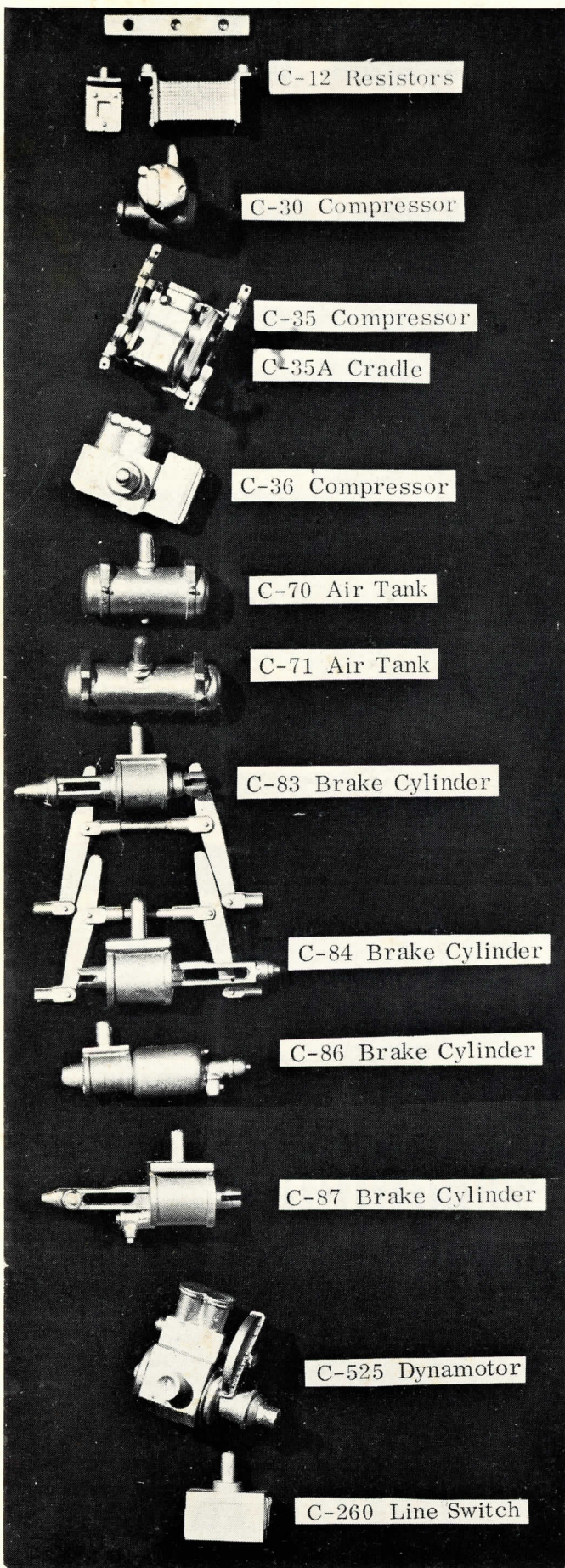
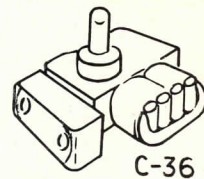
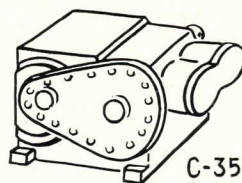
C-131 Anticlimber Casting



C-132 Anticlimber Casting

"O" GAUGE Underbody Parts

Compressor Details



C-12 Resistors

C-30 Compressor

C-35 Compressor

C-35A Cradle

C-36 Compressor

C-70 Air Tank

C-71 Air Tank

C-83 Brake Cylinder

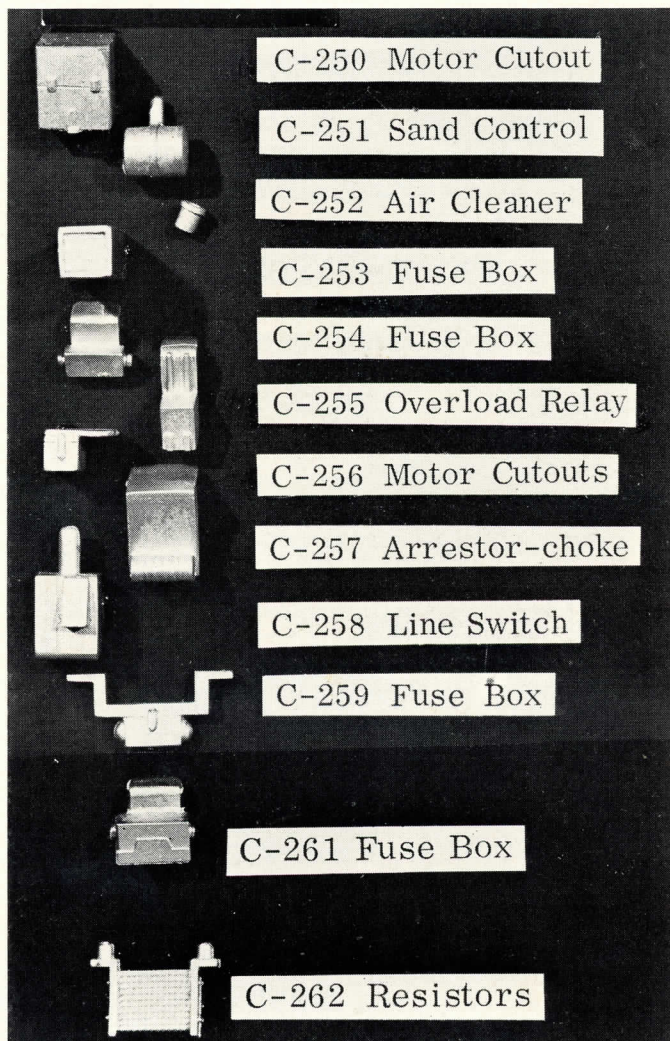
C-84 Brake Cylinder

C-86 Brake Cylinder

C-87 Brake Cylinder

C-525 Dynamotor

C-260 Line Switch



C-250 Motor Cutout

C-251 Sand Control

C-252 Air Cleaner

C-253 Fuse Box

C-254 Fuse Box

C-255 Overload Relay

C-256 Motor Cutouts

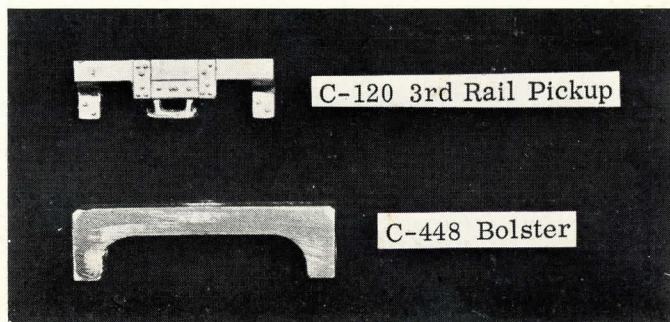
C-257 Arrestor-choke

C-258 Line Switch

C-259 Fuse Box

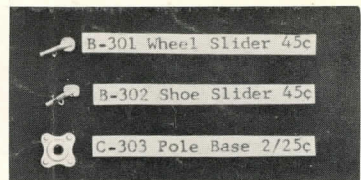
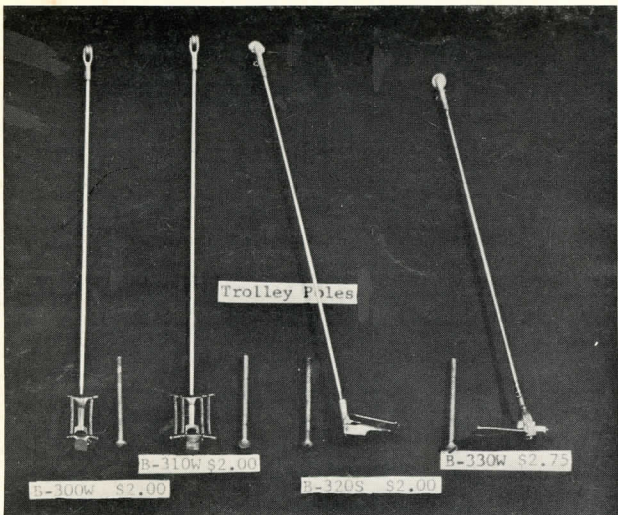
C-261 Fuse Box

C-262 Resistors

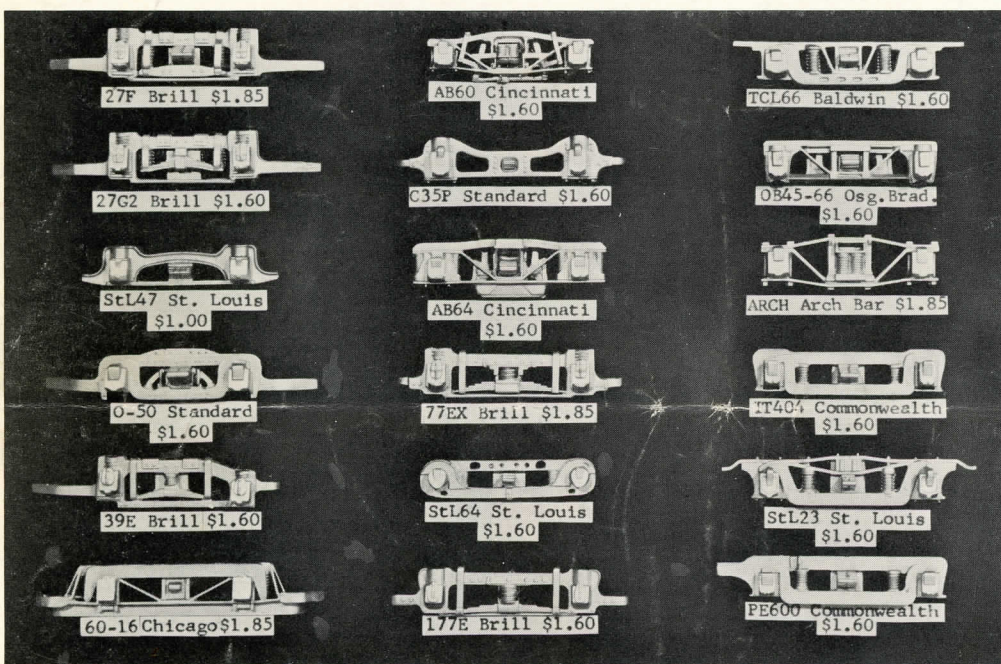
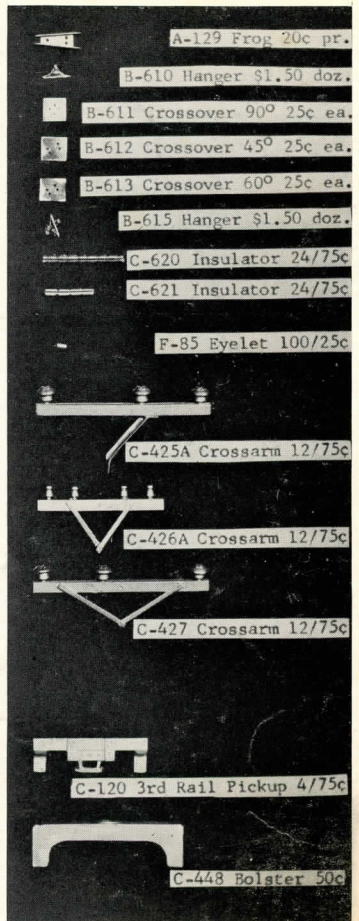


C-120 3rd Rail Pickup

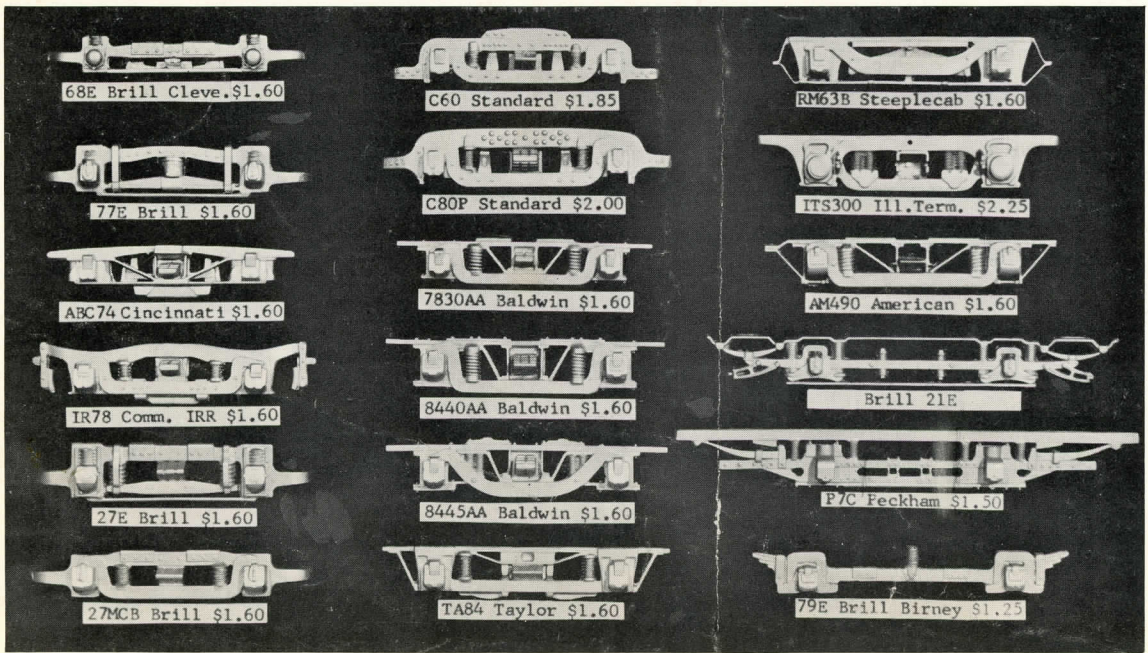
C-448 Bolster



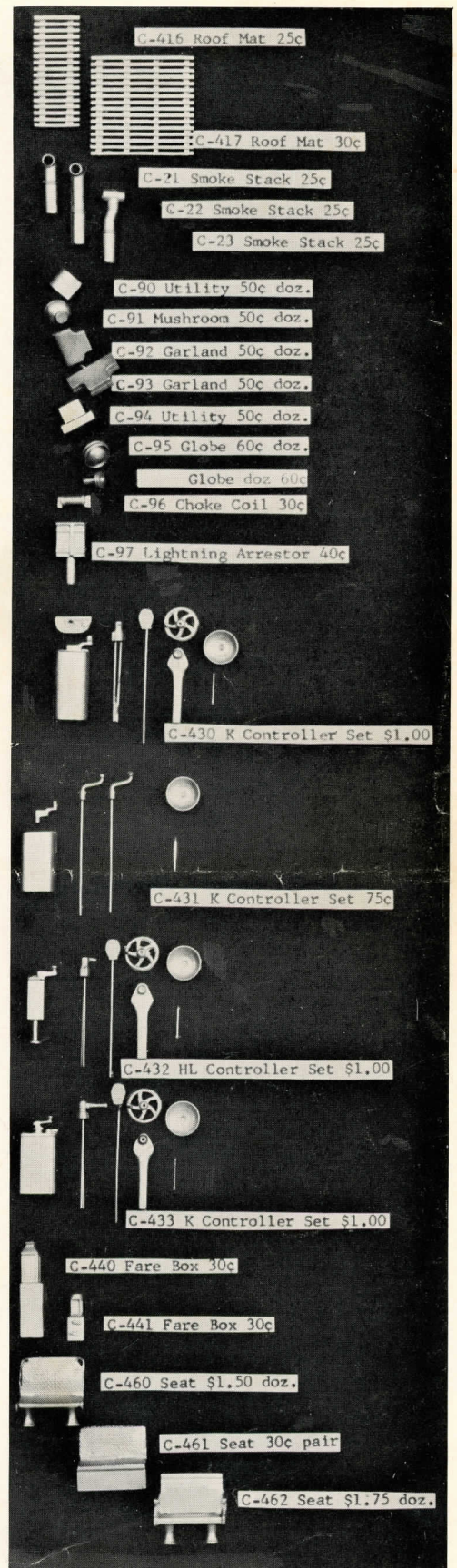
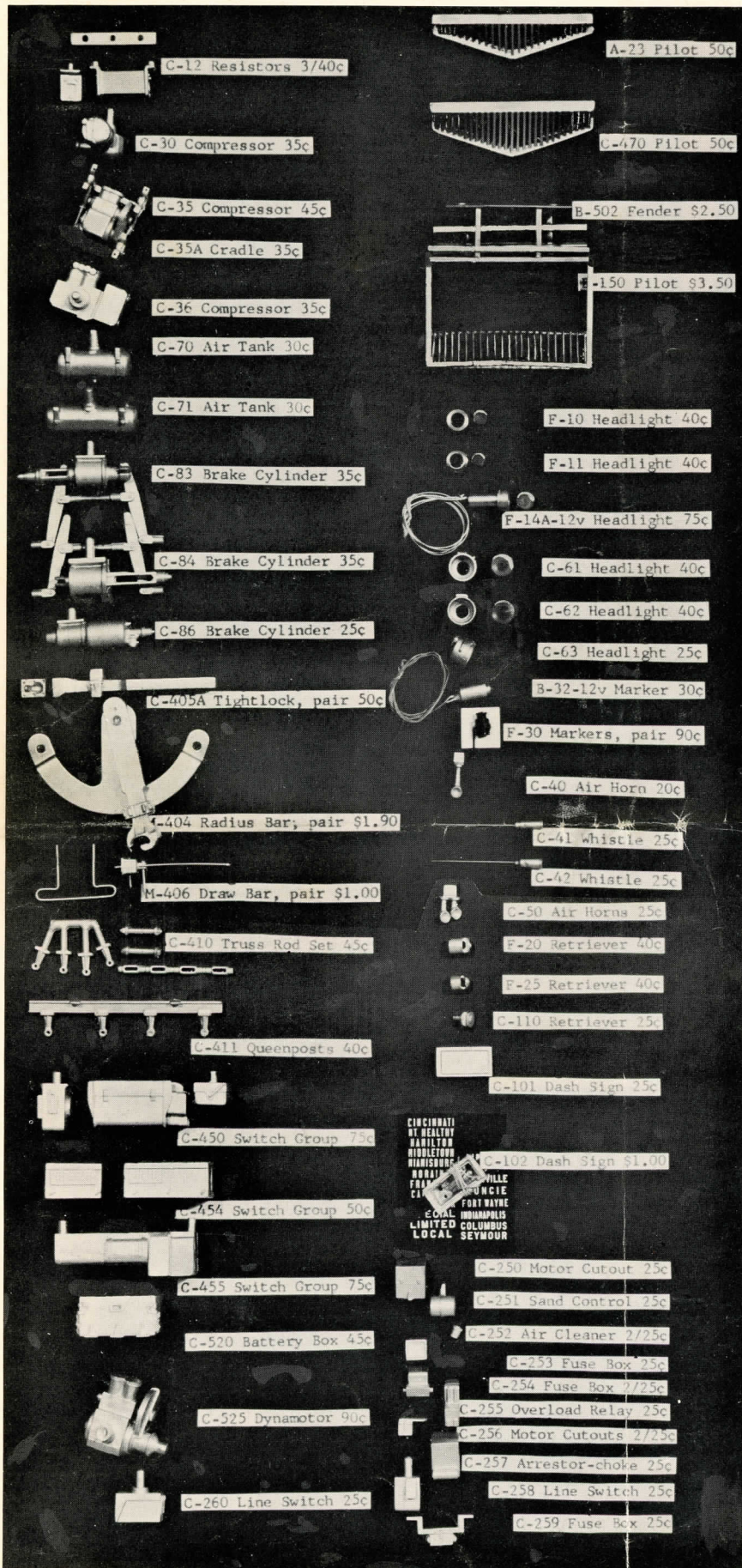
O Gauge TROLLEY PARTS



Wagner Publications:
TROLLEY TALK - 5-issue subscription \$1.25
TROLLEY TALK Vol. I - 20 issue reprint in covers, index \$4.25
CURVED-SIDE CARS Built by Cincinnati Car Co. 120 pages, \$9.00

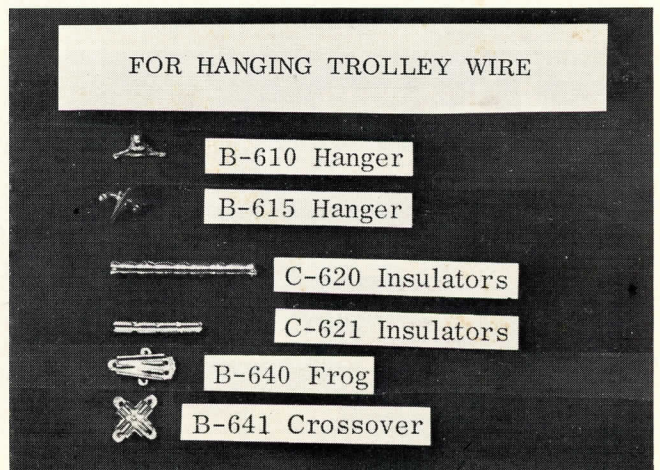
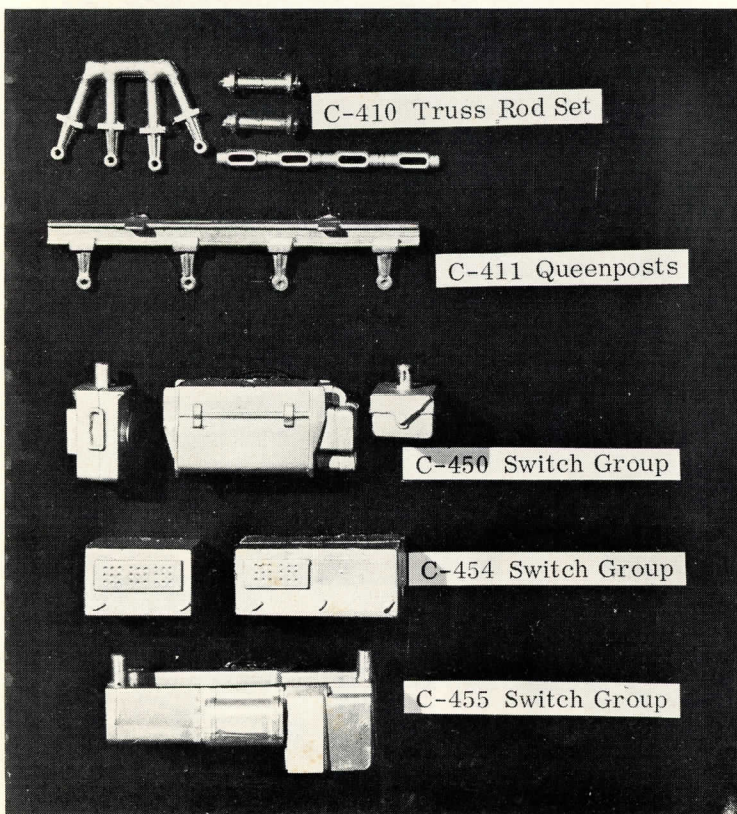
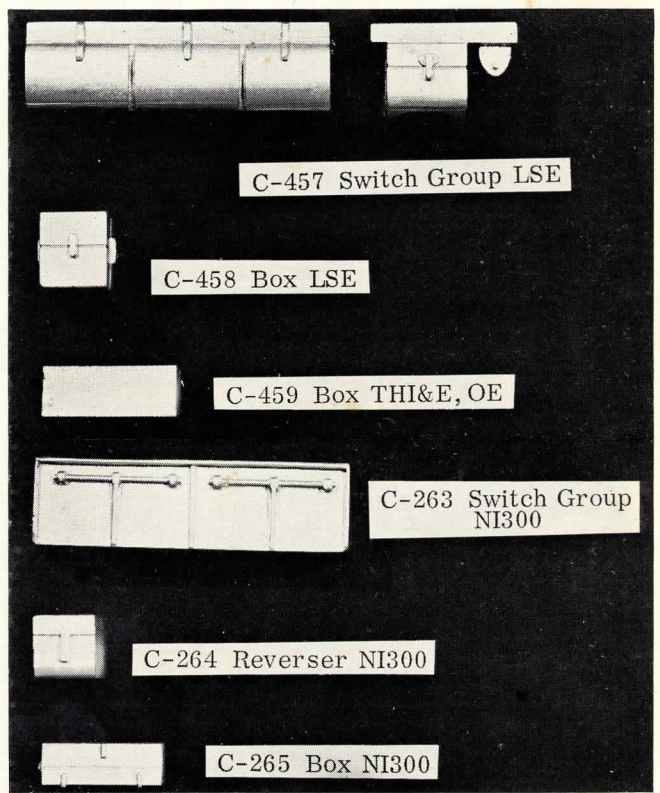
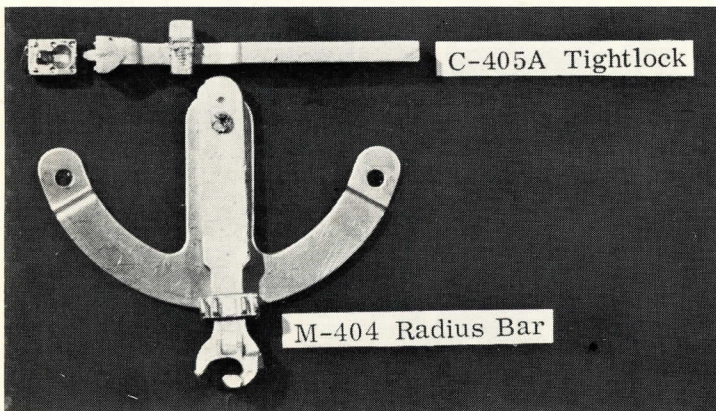
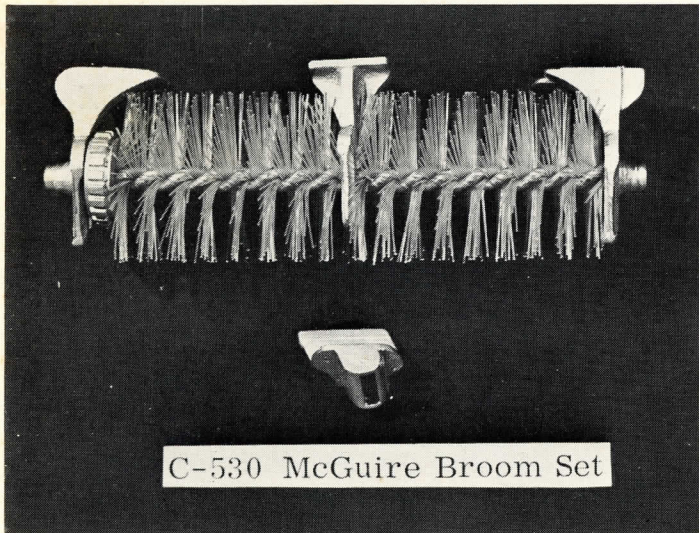


WAGNER CAR COMPANY
59 Euclid Avenue
Cincinnati, Ohio 45215



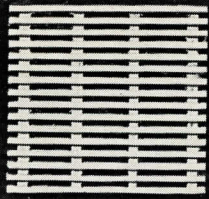
All parts are not in stock
at all times.

9/1/65





C-416 Roof Mat



C-417 Roof Mat



C-21 Smoke Stack



C-23 Smoke Stack



C-90 Utility Vents



C-91 Mushroom Vents



C-92 Garland Vents



C-93 Garland Vents



C-94 Utility Vents



C-95 Globe Vents



C-98 Globe Vents



C-96 Choke Coil



C-97 Lightning Arrestor



C-99 Utility Vents IRR 375



C-100 Utility Vents IRR 427, NS



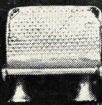
C-24 Smoke Stack



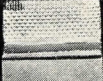
C-440 Fare Box



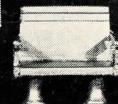
C-441 Fare Box



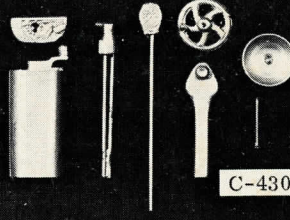
C-460 Seats



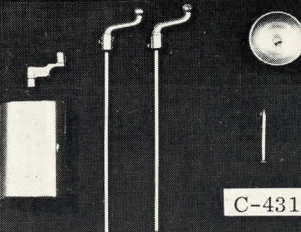
C-461 Seats



C-462 Seats



C-430 K Controller Set



C-431 K Controller Set



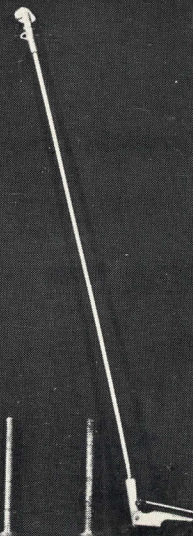
C-432 HL Controller Set



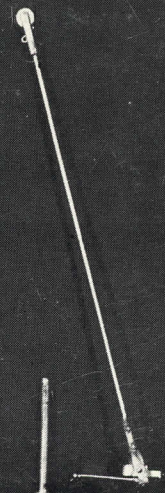
C-433 K Controller Set



B-310W



B-320S



B-330W

TROLLEY POLES



B-301 Wheel Slider



B-302 Shoe Slider



C-303 Pole Foot



January 3, 1966

"O" GAUGE

TRUCK PRICE LIST

(Subject to change without notice.)

STANDARD: Tread 1/8" max. (.115"), Flange .045"

Double-truck Cars (All frames except TTS300, NS801, NS8440)

Motors (Pittman)	DC60	DC71	DC94, AC94	DC60 "LL"	DC62B "Inch"*
Power Truck Only	\$16.50	\$18.50	\$20.25	\$17.50	\$23.50
Power Truck & Trailer	18.00	20.00	21.75	19.00	25.00
Dual Power Trucks	31.00	35.00	--	33.00	47.00
Trail Trucks \$2.50 each NS8440 Dummy 3rd Rail Bar \$1.00 per truck extra See Note for "Extra" Charges					*54, 54M, 58M 60, 72, 78 84

Single-truck cars

Motors (Pittman)	DC60	DC62B	
DC60 Design	\$16.50		
Underfloor (Gear Box on one End)	18.00		
78ST (P7C)		\$23.50	
90ST (21E without frame)*		23.50	
Trailer (Dummy Truck)			\$2.50

*Will mount frame if supplied and useable

NS801 Electroliner (Libertyliner) and TTS300

Motors (Pittman)	DC60	DC71	DC60 "LL"
Power Truck Only	\$19.50	\$21.50	\$20.50
Power Truck & Trailer	22.00	24.00	23.00
Dual Power Trucks	37.00	41.00	39.00

Trail Trucks \$4.00 each See "Extra" Note

Eight-wheel Drives, DC94 Motor

		2-rail
8WS 18'-9", 20'-0" or 21'-6" truck center	\$29.00	\$30.00

Any 7'-0" side frame--please specify

Truck prices include side frames. Trucks may be ordered without side frames at the same price.

"EXTRA" Charges for Special Requirements

2-Rail Wheels	Special Wheels	Slow Speed Motor
50¢ per truck The following trucks are NOT available with 2-rail wheels: 54", 78ST, 60", 54M, 58M, 72", 78", 84", 90ST, any with 3/32" tread, or 31", 32", 34", 37" wheels.	75¢ per truck for special sizes: 31", 32", 34", 37", 3/32 tread x .045 flange, 3/32 " x 1/32 " 1/8 " x 1/32 " 1/8 " X 1/16 " Note: 1/32" flange is NOT Clouser or 1/2 AAR but NMRA contraction.	\$1.00 extra for DC60 for slow speed operation in place of any regular DC60 motor. This is no help for freight work.

Extra charges apply to trucks built on order--not to changes requested after truck is built. Write for prices for rebuilding trucks to incorporate 2-rail or special wheels, which involves almost as much as building a new truck.

Truck Parts

No power truck parts are available separately except:

Spring Belt 35¢
State side frame and wheel size on order.

Separate truck side frame sets are listed on page 4.

Trail Truck Bolsters
C-448 50¢ pair.

NO OTHER TRUCK PARTS AVAILABLE

Delivery

Two to Four Weeks

With increasing variety of trucks available all parts are not at hand at all times but every effort will be made to give the best possible delivery.

TRUCK SIDE FRAMES

Truck side frames are cast in tough Rondalloy metal which reproduces sharp details and has smooth finish. Each journal box has brass bearing for axle. Prices are for set of four frames for double truck cars and set of two for single truck cars.

Not shown below are:
 B&S-F (see page 1) 6'-6" \$1.85
 67F Cleveland Trailer \$1.60 (see TROLLEY TALK No. 56)
 22E (see page 2) \$1.85

PCC and Rapid Transit Trucks do not have separate side frames.
 Brill 21E is not currently available.

WHEELBASES

4'-6"
 27F
 27G2
 StL47
 O50
 22E

4'-10"
 39E

5'-0"
 60-16
 AB60

5'-2"
 C35P

5'-4" 6'-2"
 AB64 77E
 77EX ABC74
 StL64

5'-6" IR78
 177E 27E
 TCL66 27MCB
 OB4566 C60

5'-9" B&S-F
 IT404 7830
 RT

6'-0" 7'-0"
 PCC C80P
 StL23 8440
 PE600 8445
 68E TA84
 RT RM63B
 NS801)
 IT300)

7'-6"
 AM490

6'-6"
 P7C

7'-6"
 21E

8'-0"
 79E

