Gee, Pop... You got 'em!

Now how about

The NEW LIONEL ACCESSORIES
NEW LIONEL LOCOMOTIVES FOR 1956

NEW "NEW HAVEN" ELECTRIC LOCO WITH MAGNE-TRACTION

This is a reproduction of the "New Haven's" famous new 4,000 Horse-power Electric locomotive that has just recently begun to appear on the New York, New Haven run. Brilliantly colored in white, orange and black. Remote control couplers on both ends. It is equipped with two operating pantographs and horn.

No. 2350 $29.95

GREAT FAIRBANKS-MORSE DIESELS. Shown here is the NEW new Jersey Central Fairbanks-Morse diesel with twin motors, horn and Magne-Traction. Authentically colored in blue and orange. This locomotive is also available in the markings of the "Virginia" and the "Lockawanna." Length 17".

No. 2341 — "Jersey Central"
No. 2331 — "Virginia"
No. 2321 — "Lockawanna"

Each $39.95

NEW 601 DIESEL SWITCHER. A great new black and red-striped switcher carrying the herald of the "Seaboard." Equipped with horn and Magne-Traction. Length 11½".

$25.00

NEW 621 DIESEL SWITCHER. Here's the New Jersey Central switcher. A real yard goat complete with horn and Magne-Traction. It comes in blue with orange frame and trim. Length 11½".

$22.50

All prices, structural or mechanical designs and colors in this catalog are subject to change without notice.

Copyright 1956, THE LIONEL CORPORATION • 15 East 25th Street, New York 10, N.Y.
THE BRAND NEW GE-44'S. These handsome new Diesels are replicas of the 44-ton locomotives produced by Alco-General Electric. They are available in three different heralds. All are equipped with Magne-Traction. The better known "Northern Pacific" and "Burlington" models are illustrated here.

No. 628 — "Northern Pacific" — colors black and yellow.
No. 629 — "Burlington" — colors silver and red.
No. 627 — "Lehigh Valley" — colors red and white.
Each $16.95

THE 2018's. These new exciting, smoke-puffing steam locomotives have eye-catching size-red action. The LTWS is equipped with whistle.
No. 2018 L15 (60267' Tender) $22.50
No. 2018 LTWS $29.95

YOU ASKED FOR IT! THE BUDD RDC CAR

This gleaming, self-propelled car is a reproduction of the Diesel car that is taking over short runs for the big railroads. Has headlights, marker lights and operating cowl flaps on both ends. Equipped with Magne-Traction and horn. Interior lights show passengers in the window. Lengths 16½".
No. 400 $25.00
NEW No. 2240. Another version of the "Wabash" "A" & "B" unit Diesel with motor in "A" unit. Blue and white heralds. Has horn and Magne-Traction. Length 26". $29.95


No. 1615LT STEAM SWITCHER AND TENDER. With characteristic 0-4-0 wheel arrangement and ladder-back tender. Length 15½". $22.50

No. 2016 STEAM LOCO. With 6 big driving wheels. Two-tone whistle in 6026W Tender. Length 18¼". $27.50
NEW No. 2378. The famous General Motors “A” & “B” unit Diesel, now in the well-known “Milwaukee” markings and herald. Equipped with two motors, Magne-Traction and horn. Colors are grey and orange. Length 26”. $39.95

NEW No. 2368. Another colorful General Motors “A” & “B” unit Diesel. Shown here is the “Baltimore & Ohio”. Equipped with two motors, horn and Magne-Traction. Length 26”. Also markings of “Illinois Central” & “Wabash”.

No. 2368 — “Baltimore & Ohio” — colors blue and white.
No. 2363 — “Illinois Central” — colors yellow and brown.
No. 2367 — “Wabash” — colors blue and white.
Each $39.95

No. 736LTS 2-8-4 LOCO AND TENDER. Has smoke, whistle and Magne-Traction. This is the famous “Berkshire” 14 wheel. Length 20½”. $45.00

No. 646LTS 4-6-4 LOCO AND TENDER. Has smoke, twin-pitch whistle and Magne-Traction. Is a Hudson-type loco. Length 20½”. $37.50
FIVE POWER-PACKED LIONEL "BRUISERS"

THE PENNSYLVANIA GG-1’s...
among the most popular, big Lionel locomotives. Heavy electric type, with two motors and Magne-Traction. Photographs can be converted to caterary system as desired. Equipped with horn. Comes in both passenger and freight colors. Length 14½".
No. 2360-1 Tuscan Red
No. 2360-25 Green
Each $49.95

No. 665LTS LOCO AND TENDER. With 4-6-4 wheel arrangement. Powerful Universal-type motor. Has smoke, whistle and Magne-Traction. Length 19¾". $35.00

LIONEL’S POPULAR GP-7’s. These Diesels are styled from the General Motors 1500 horse power locomotives. Above is the popular "Milwaukee" GP-7 with horn and Magne-Traction. Also available in the aluminum finish "Burlington."
No. 2338 — "Milwaukee" $25.00
No. 2328 — "Burlington" $23.50

No. 2065LTS LOCO AND TENDER. Has six big driving wheels and four pilot trucks front and back with smoke, whistle and Magne-Traction. Length 19½".
$35.00

No. 2356. Southern double "A" Diesel with horn and Magne-Traction. Has two motors in power unit. Length 25½".
No. 2356C. Southern Railway "B" Unit — 13¼" Long.
$49.95
$10.95
THESE EXCITING MOTOR UNITS WILL "SPARK" ANY LAYOUT

No. 50 SECTION GANG CAR. This is a stand-out! Has its own motor and operates from track power just as any LIONEL locomotive does. Reverses direction when buffer plates at either end strike an object like a bumper. When car changes direction, a little "gandy dancer" faces the other way. Car is 6¾" long.

No. 60 TROLLEY CAR. Fascinating to watch in action. Has its own motor and operates just like the No. 50 Gang Car at left — when plates on either end strike a bumper, overhead pole switches from front to back and car reverses itself. Little passengers can be seen in the windows. Illuminated, 7¼" long.

No. 41 ARMY GAS TURBINE. A real red-hot yard goat — and at a wonderful price! This is an ideal addition to any model train set for switching work. Operating knuckle couplers on both ends. Measures 7½" long.

AND NOW THE NAVY! No. 51 — NAVY YARD SWITCHER! Here's a brand new yard switcher! Carries the heralds of the U. S. Navy. It has the same characteristics as the No. 41 Army Switcher Operating knuckle couplers on both ends.

FOR EXPANDING R. R. EMPIRES—LIONEL TRAINMASTER® TRANSFORMERS

TYPE ZW 275 WATT, 115 VOLTS, A.C., 60 CYCLES. The greatest, and by actual test, the most powerful model transformer on the market! Has four independent variable voltage circuits so you can operate up to 4 train sets simultaneously or 2 train sets and a barrel of thrilling remote-control accessories! Two separate whistle and control circuits, two separate train direction levers. A heavy-duty circuit breaker protects against overloads. Transformer features include green "Power On" light and red light to warn of "shorts" or overloads. Heavy, durable phenolic housing.

TYPE KW 190 WATT, 115 VOLTS, A.C., 60 CYCLES. There's action unlimited in this transformer! Will operate two train sets and loads of action accessories in the bargain. Has 2 throttle levers patterned after the type used on real diesel and electric locomotives. Two separate train direction control buttons, two separate whistle control circuits operated by front lever. Built-in circuit breaker, Red indicator light to warn of "shorts." Extra-rugged, handsome high-impact phenolic case. UL Approved.

TYPE TW 175 WATT, 115 VOLTS, A.C., 60 CYCLES. First model transformer to feature independent power circuits for train and accessories — each with its own built-in circuit breaker. Left-hand throttle lever controls train speed, right-hand lever controls stopping, starting, reversing and train horn or whistle. Complete with green "Power Pilot" light which blinks to warn of "shorts." UL Approved.

TYPE LW 125 WATT, 115 VOLTS, A.C., 60 CYCLES. Perfect for any o-scale train outfit is this sleek, brand-new transformer. Has recessed, illuminated voltage dial, an extra-wide variable voltage range with easy-grip throttle to control train speed, two-indexed voltage ranges for accessories. Green "Power On" light blinks to warn of "shorts," two extra-large buttons control train direction and train horn or whistle. A built-in circuit breaker, of course! UL Approved.
No. 3359 Operating Twin-Bin Dump Car—Two separate dump units operate in sequence, by remote control. Includes bag of coal and large receiving bin. 11 1/2" long. $8.95

No. 3662 Operating Milk Car—One of Lionel's most popular action cars. Milkman brings out cans to receiving platform at the touch of your remote control button. Unloading platform and set of 7 cans are included. 10 3/4" long. $10.95

No. 3562 Barrel Car—Barrels move along car and roll off into bin by remote control. Comes complete with 6 barrels, bin, track controller, push-button controller. 11 1/4" long. $6.95

No. 3361 Operating Lumber Car—New pulsing mechanism tilts the car bed slowly and realistically by remote control until logs roll off into bin. Logs and bin included. 10 1/4" long. $7.95

No. 3620 Searchlight Car—Large rotating searchlight throws a powerful beam continuously while power is on track. Completely automatic—picks up current direct from rails. 10" long. $7.95

NEW No. 3356 OPERATING HORSE CAR. A brand new operating car! Horses move out and into the car by pressure of a remote control button. Horses can also be maneuvered by the use of gates into a central part of the corral where a simulated drinking pool is located. Set includes car, horses and corral. Does not require a remote control track. Car is 11 1/2" long. Corral is 12" by 5 1/4". $15.95

NEW No. 3650 SEARCHLIGHT EXTENSION CAR. Perfect for trackside work. The powerful revolving searchlight can be removed from car. Current is fed to light from wire on rotating cable reel in center car. Cable can be wound and unwound by hand crank. 9 3/8", $8.95
SPECTACULAR ROLLING STOCK

NEW No. 3530 OPERATING GM GENERATOR CAR. Plenty of action! This car is now being used to furnish emergency electric power for night-time construction and repairs. When activated, generator inside begins to hum, huge fan rotates under roof, searchlight on separate base throws strong beam. Lighted interior shows diesel-electric generator and attendant. Power pole, with simulated transformer, is clamped to track. Wiring is done by operator. Car is 10½" long. Power pole 7½" high. $12.95

NEW No. 3927 TRACK CLEANING CAR. Will actually clean the track! Coupled to a locomotive, it can be pulled around the track while rotating brush, operated by its own motor, will clean off the track. Lever is provided to start and stop rotation. Superstructure of the car contains a reservoir for liquid track cleaner. Car also is equipped with a buffing pad which can be substituted for the brush. Has one remote control knuckle coupler. Length 6½". $8.95

NEW No. 3350 OPERATING BURRO CRANE. This crane is self-propelling and will even pull its own work cars! Has three levers on the cab. First lever has two positions; one for propelling the car, the other for rotating the cab. Second lever controls the raising and lowering of the "hook." Third lever reverses the direction of any of the three motions of any point in the action. The boom is raised and lowered by means of a hand wheel. The crane is also provided with collision bumpers that will provide automatic reversing of its motion. Crane can also be used as a troll car. Has one operating knuckle coupler. Cab length is 4". Length of boom 7½". $15.95

NEW No. 3424 OPERATING TELL-TALE CAR. To warn trainsmen working on car. Set includes two poles having tell-tale arms which can be clamped to track by operator to warn of overhead obstruction like a tunnel. First tell-tale causes men on top of car to fall prone to avoid being struck. Second tell-tale will bring him upright again. Power is taken from track. Car is 10½" long. Tell-tale poles 7½" high. $8.95

LIONEL RAIL CLEANER CAR
NEW No. 6518—TRANSFORMER CAR. This is a long-long depressed center car which has a simulated transformer mounted in the well. The car measures 16" long. FOR “O” GAUGE ONLY. $7.95

NEW No. 6467—MISCELLANEOUS CAR. An unusual freight hauler used by the big railroads. Especially designed to handle large, awkward loads. Black with white lettering. 11" long. $5.95

NEW No. 6468—AUTOMOBILE CAR. The famous wide-door Lionel Automobile Car is now available in the colorful orange, black and white colors of the “New Haven.” Length 10½". $5.95

NEW No. 6346—“ALCOA” CEMENT CAR. The covered hopper now appears with “ALCOA” markings. Equipped with 12 opening roof hatches. Silver with blue lettering. Length 11½". $5.95

NEW No. 6562—CANISTER CAR. A gondola type car equipped with 4 large removable canisters as shown. This is a very interesting cargo-hauler. Length 10½". $4.95

NEW No. 6494-150—OPERATING EAGLE CAR. A brand new operating car in Missouri Pacific markings. Little trainman pops out of door by remote control. Striped in blue and grey with yellow doors. Length 10½". $7.95
TO ADD TO YOUR SET

NEW No. 3494-275 "STATE OF MAINE" OPERATING CAR. Here's the operating box car in the colorful red, white and blue of the "State of Maine" Bangor & Aroostook Railroad. This is the most brilliantly marked car in the line in its three-color striping. Length 10 1/4". $7.95

NEW No. 6262 — WHEEL CAR. A wanted companion to the rail truck car. It is equipped with 6 wheel and axle assemblies each of which is removable. Length 11". $5.95

NEW No. 6315 — CHEMICAL CAR. Completely new in design and carrying the Gulf markings. This car is colored black and orange. Note the wonderful detail. Length 10 1/2". $6.95

NEW No. 6425 — OIL CAR. The familiar, 3-dome oil tanker car has now been "dressed-up" with the markings of Gulf Oil. This car has authentic detail. Length 10 1/4". $5.95

NEW No. 6430 — VAN CAR. A long flat car containing 2 removable Fruehauf trailers. A "must" car in the fast-growing trend toward "Piggy-Back" transportation. Length 11". $6.95
NEW! No. 644-425 BOX CAR — Now in the heralds of the New Haven. Colors brilliant orange, black and white. Length 10½". $5.95

CARS FROM “027” GAUGE OUTFITS

NEW! No. 646-400 BOX CAR — Has heralds of the Baltimore and Ohio. Colors blue and orange with blue and white lettering. Length 10½". $5.95

NEW! No. 646-325 BOX CAR — With the herald of the B & O "Sentinel." Colors are blue and silver with blue and white lettering. Length 10½". $5.95

NEW! No. 646-375 BOX CAR — Now with the heralds of the Central Georgia. Colors wine and silver with white and red lettering. Length 10½". $5.95

NEW! No. 646-350 BOX CAR — With the heralds of the Missouri, Kansas, Texas. Car is wine colored with white lettering. Length 10½". $5.95

NEW! No. 646-450 BOX CAR — Marked with the heralds of the Great Northern. This car is green and orange with yellow striping and white and blue lettering. Length 10½". $5.95
FOR AUTHENTIC CARS

No. 6560 Wrecking Crane — Two separate handwheels. One reates and lowers boom; the other rotates and lowers hook and pulley. Available in black with red cab and white markings and insignia. This crane car is 7½' long. $7.95

No. 6517 Illuminated Bay Window Caboose — The most modern caboose on the rails. Detail includes smoke stack, radio antenna, anti-slipper walk, hand grips; ventilating panel under windows; illumination from side lanterns. 10' long $7.95

No. 6418 Machinery Car — Die-cast body supported on 4 articulated trucks. Exact miniature of Pennsylvania's 150-ton gantry. Carries a huge detachable bridge girder. This long well-car measures 16' long. FOR "O" GAUGE ONLY. $7.95


No. 6436 Hopper Car — Just like the coal-carrying hopper cars that run along the great roads. This exciting car is bright red. 4 double hoppers. 11½' long $4.95

No. 6462 Gondola Car — Comes complete with a set of wooden barrels. Has remote control couplers, moulded high-impact body. Steel underframe. 10½' long $4.95

No. 6511 Pipe Car — Comes fully equipped with 13 removable tempered spring steel stakes and a set of 5 sections of pipe. Has remote controlled knuckle couplers. 11' long $5.95

No. 6417 (or 6427) Caboose — Pennsylvania R.R. turret cupola Class NSC caboose. One-piece glazing for doors, windows and cupola 7½' long $5.95

No. 6461 Cable Car — Heavy depressed center machinery car carrying a pair of bright orange cable reels. This cable car is 10' long $6.95

No. 6362 Railway Truck Car — Transport real Lionel trucks in this miniature of the Bettendorf-built truck car. Carries 3 removable trucks. 10½' long $5.95

No. 6464-50 Minn. & St. Louis Box Car — Authentic reproduction of cars of the Minneapolis & St. Louis lines. Has sliding doors and remote controlled knuckle couplers. 10½' long $5.95

No. 6464-125 New York Central Box Car — Scale model of New York Central's famous grey and red fast-freight car. Has "Pacemaker" operating knuckle couplers. 10½' long $5.95

No. 6464-225 Southern Pacific Box Car — Genuine model of the cars owned by Vermont's freight-hauling line — the "Railroad." Sides dark green and canary yellow. Roof dark green. 10½' long $5.95

No. 6464-300 Rutland Box Car — Color-perfect model of the cars owned by Vermont's freight-hauling line — the "Railroad." Sides dark green and canary yellow. Roof dark green. 10½' long $5.95

No. 6672 Refrigerator Car — Actual model of Santa Fe's Mechanical Temperature Controlled "reefer." Has flush-closing doors, remote control couplers. 10½' long $5.95
LIONEL'S SUPER STREAMLINED PASSENGERS

Fully illuminated streamliners with completely new striping. Can be used on both "O" and "O27" Lionel track. All of these cars are illuminated, showing tiny passengers looking out the windows. Passenger and vista-dome cars are 11 3/4" long. Observation car is 11 1/2" long.

No. 2444 — Pullman
"Newark" .................. $8.95

No. 2445 — Pullman
"Elizabeth" ............... $8.95

No. 2446 — Observation
"Summit" .................. $8.95

No. 2442 — Vista-Dome Car
"Clifton" ................... $8.95

Beautifully designed, long, heavy-gauge aluminum streamliners! Passenger cars, vista-dome and observation cars have the maroon striping and authentic name-plates of the Penn RR "Congressional." Interior illumination shows passengers peering out the windows. Baggage car has sliding doors. Each car is 16 1/4" long. For "O" gauge track only.

No. 2530 — Railway Express
Baggage Car ................ $10.95

No. 2542 — "Betsy Ross"
Vista-Dome Car .......... $12.95

No. 2541 — "Alexander Hamilton"
Observation Car .......... $12.95

No. 2543 — "William Penn" Pullman .... $10.95

No. 2544 — "Molly Pitcher" Pullman .... $10.95

"O27" PASSENGERS WITH NEW STRIPING

"O" STREAMLINERS WITH "CONGRESSIONAL" MARKINGS
LIONEL'S WIDEST VARIETY OF ACTION-PACKED ACCESSORIES!

No. 111 New Trestle Set — This set contains 10 of the large piers (all the same size). Can be used to extend the No. 110 set of graduated piers. For use with either "O" or "O27" track.

No. 110 Lionel Trestle Set — A Complete set of 24 graduated piers that will make an overpass and a number of other overhead arrangements. Other layout uses are described in instruction sheet. For use with either "O" or "O27" track.

No. 71 Lamp Post — An imposing enameled all metal lamp post for your village or station with a real light on top. Has fluted column, 6½ high.

No. 214 Girder Bridge — Steel girder construction details make this a handsome addition to your railroad setting. Throughway for one track. 10" long, 4½" wide, 1½" high.

No. 309 Yard Set — Signs that every real railroad needs. Eight heavy steel boxed signs with screw holes for permanent mounting.

No. 252 Automatic Crossing Gate — Gate lowers, lights go on when train approaches. Gate rises, lights go off after she passes. Counter-weighted, 145C Contactor, wires. 9½ high, 9½" long.

No. 155 Blinking Light Signal with Bell — Twin red lights flash and bell stops warning as train approaches crossing. Action stops when train has passed. Black signal on white and black diagonally striped base.

No. 153 Automatic Block Signal — Lights change from green to red as train passes. Can be wired so that it actually halts a following train automatically! 153C Contactor, wires and insulating pins included.

No. 151 Automatic Semaphore — When train passes, blade drops to horizontal position and red "stop" light flashes. With 145C Contactor, connecting wires. Stands 9½" high.

No. 140 Boxed Signal — As train approaches, red warning light flashes on end: "stop" signal on bottom. This signal is 7½" high.

No. 154 Flashing Highway Sign — Automatic red warning lights flash alternately when train approaches. Fully automatic. Contactor and wires included. 5" high.
No. 362 Operating Barrel Loader — Just push button and barrels on loading platform automatically tilt, ride up conveyor chute, roll off into waiting car. Simulated timber trusses show ballasted construction; controller, wires, track clips are furnished. 19” long, 4½” wide, 4” high. (Does not include car.)

No. 395 Floodlight Tower — Get real “night owl” operation from this wonderful floodlight tower. Four swivelled spotlights can be turned individually in any direction. Real construction detail on steel girder trusses. 5” long, 5” wide, 11½” high.

No. 89 Flag Pole — Attractive 11” flag pole which is set in a grass plot stand. Cloth flag can be raised and lowered by flag rope.

No. 443 Switch Tower — On approach of train, towerman enters illuminated tower automatically, while second man descends steps with lantern. After train passes, men return to original positions. Controller, connecting wires included. 6½” long, 5½” wide, 7½” high.

No. 371 Trestle Bridge — Your trains hop rivers and canyons with the greatest of ease over this wonderfully detailed span. All steel. Exquisitely welded. 24” long, 4½” wide, 5½” high.

No. 397 Coal Loader — Diesel-type operating coal conveyor carries coal from bins right into car by remote control. Engine housing and bin 10” long, 7½” wide, 6” high. Comes with coal, controller, connecting wires. (Does not include car.)

No. 415 Diesel Fueling Station — Here’s a beautiful yellow, red, white and blue sanding and fuel oil station combined. Operates completely by remote control. As train stops in front of station, man comes out of house and fuel pipe moves to fueling position. Release push button and man turns around and goes back into station. 9” wide, 9” long and almost 10” high.

No. 282 Gantry Crane — Crane has 3-lever controller. One lever turns the cab clockwise or counter-clockwise. Second lever raises or lowers the electro-magnet. Third lever turns magnet on or off. Crane lifts by electro-magnet or “big hook.” 10½” high, portal structure 5½” x 7½”, span 5½”. (Does not include car.)

No. 356 Operating Freight Station — Two baggage cars with attendants tundle in and out of the baggage room, all at touch of control switch. Illuminated station house. With controller and wires. 15” long, 5½” wide, 5½” high.

No. 145 Automatic Gate Man — As train approaches, gatekeeper rushes out swinging lanterns. When train has passed, he returns to illuminated shack and door closes automatically. 14½” Contactor and connecting wires included. 5½” wide, 4½” high, 7” long.

No. 206 Coal — Looks just like real coal — but actually is made of clean, black plastic!

No. 919 Grass — ½ lb. artificial grass per bag.
No. 352 Ice Depot—Lionel's Ice Depot can be placed anywhere on track layout. Ice cubes are placed in station manually. Then, when refrigerated car stops, men move cubes from base of chute into car hatch on top of car which opens to receive them. Cubes then drop into ice bunker in car—all by remote control. Base of station is 11¾" long, 4½" wide, 8¾" high. Set includes depot, ice cubes and refrigerator car.

No. 460 Piggy Back Transportation Set—Hand crank and lever on platform cause tiny lift-truck to move miniature Fruehauf trailers onto special flat car. Then car can be pulled away. When car returns to position, trailers can be moved back onto platform. Set includes platform, flat car and trailers.

No. 450 Operating Signal Bridge—Can span two tracks. As train passes underneath...light flashes from green to red to warn following train. Signal light heads can be mounted in a wide variety of positions. You can even use it as a "block" signal...to stop a second train automatically! 153C Contactor included. 3¾" long, 7¾" high, 10½" wide.

No. 364 Lumber Conveyor—Endless belt carries logs by remote control from lower to upper loading platform and then dumps them into your lumber car! Red and green "spottling" light, heavy steel construction. Includes logs. 3-3/16" wide, 4½" high, 27½" long. Does not include lumber car.

SP Smoke Pallets—Harmless, odorless. Creates white smoke.

No. 497 Operating Coaling Station—4-way remote control operation. (1) Loaded car tilts, dumps coal into receiving bin. (2) Bin is hoisted to top of station and tilts coal into storage hopper. (3) Bin returns to rail-side position. (4) Chutes can be opened to load waiting car. 9½" long, 6" wide, 10" high. (Car not included.)
**LIONEL TRACK - SWITCHES - TRACK ACCESSORIES**

**"O27"**

Non-derailling Remote Control Switches

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1122</td>
<td>pair Manual Switches</td>
<td>$0.25</td>
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<tr>
<td>1122RH</td>
<td>Left</td>
<td></td>
</tr>
<tr>
<td>1122LH</td>
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<td></td>
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Straight Track is 83/4” long; Curved Track is 93/4” long.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
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<td>1080</td>
<td>Straight Track</td>
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</tr>
<tr>
<td>1013</td>
<td>Curved Track</td>
<td>$0.25</td>
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<tr>
<td>1010</td>
<td>Half Straight Track</td>
<td>$0.25</td>
</tr>
<tr>
<td>1013</td>
<td>Half Curved Track</td>
<td>$0.25</td>
</tr>
<tr>
<td>313-82</td>
<td>Fibre Pins</td>
<td>$0.05</td>
</tr>
</tbody>
</table>
| 1013-17 | Steel Pins | |...
| 1020 | 90° Crossover | |...
| 1023 | 45° Crossover | |...
| 6019 | R.C. Track Set | $0.35 |

No. 1026 Illuminated Bumper for "O27" and "O" Gauge Track.

No. 260 CTC Locken, "O27" or "O" Gauge | $0.25

No. 020 90° Crossover | $0.25

No. 020x 45° Crossover | $0.25

No. 021-16 Fibre Pins | $0.05

LIONEL TRAINS GUARANTEED AGAINST MECHANICAL DEFECTS ONLY IF USED WITH LIONEL TRACK!

**"O" Gauge**

Non-derailling Remote Control Switches

<table>
<thead>
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<th>No.</th>
<th>Description</th>
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<tbody>
<tr>
<td>022</td>
<td>pair</td>
<td>$0.25</td>
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<tr>
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<td>Left</td>
<td></td>
</tr>
<tr>
<td>022RH</td>
<td>Right</td>
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Straight Track is 10" long. Curved Track is 101/2" long. Running rails have doubled, turn-back flanges for extra strength.

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
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<td>OC</td>
<td>Curved Track</td>
<td>$0.30</td>
</tr>
<tr>
<td>OS</td>
<td>Straight Track</td>
<td>$0.30</td>
</tr>
<tr>
<td>HW</td>
<td>Curved Track</td>
<td>$0.30</td>
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<tr>
<td>OS</td>
<td>Half Curved Track</td>
<td>$0.30</td>
</tr>
<tr>
<td>OC</td>
<td>Half Straight Track</td>
<td>$0.30</td>
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<tr>
<td>OS</td>
<td>Steel Pins</td>
<td>$0.07</td>
</tr>
<tr>
<td>UC</td>
<td>Steel Pins</td>
<td>$0.07</td>
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</tbody>
</table>

FOR BIG LAYOUTS

No. 760 "O72" Curved Track Sections, wide radius curved track for use with "O" track. Section is 14" long. 16 sections per box.

THE THREE TYPES OF LIONEL TRACK Illustrated here are the three types of Lionel track and their circle diameters. Although "O27" and "O" are the same gauge (width between rails) it is not recommended that they be used together because of height from floor. The "O" and "O72" are used together.

18

**REPLACEMENT ACCESSORIES**

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>145C</td>
<td>Contactor for 145</td>
<td>$1.50</td>
</tr>
<tr>
<td>155C</td>
<td>Contactor for 153</td>
<td>$1.50</td>
</tr>
<tr>
<td>154C</td>
<td>Contactor for 154</td>
<td>$1.50</td>
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<tr>
<td>4901</td>
<td>Signal light head</td>
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</tr>
<tr>
<td>362-78</td>
<td>Set of 6 barrels</td>
<td>$0.50</td>
</tr>
<tr>
<td>3656-34</td>
<td>Set of 9 cattle</td>
<td>$1.25</td>
</tr>
<tr>
<td>3465-70</td>
<td>Set of 5 milk cans for 3482 Car</td>
<td>$1.25</td>
</tr>
<tr>
<td>164-61</td>
<td>Set of 5 logs</td>
<td>$0.25</td>
</tr>
<tr>
<td>356-35</td>
<td>Set of 2 bag truck</td>
<td>$1.75</td>
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<tr>
<td>167</td>
<td>Whistle Controller</td>
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</tr>
<tr>
<td>394-37</td>
<td>Rod, Beacon Cap</td>
<td>$1.00</td>
</tr>
<tr>
<td>3667-79</td>
<td>Set of 7 milk cans for 3662 Car</td>
<td>$1.25</td>
</tr>
<tr>
<td>479-1</td>
<td>Lionel Trucks for 5632 Car</td>
<td>$0.75</td>
</tr>
<tr>
<td>6414-25</td>
<td>Set of 4 axles for 6414 Car</td>
<td>$0.25</td>
</tr>
<tr>
<td>392-55</td>
<td>Set of 7 ice cubes for 392 Ice Depot car</td>
<td>$0.50</td>
</tr>
<tr>
<td>6511-24</td>
<td>Set of 5 pipes for 6511 or 621 Car</td>
<td>$1.25</td>
</tr>
<tr>
<td>6322</td>
<td>Referrer Car used in 352 Ice Depot car</td>
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</tr>
<tr>
<td>460P</td>
<td>Platform used in 460 Transportation Set</td>
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<tr>
<td>450-150</td>
<td>Two trailers for 460 Transportation Set</td>
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<tr>
<td>45-25</td>
<td>15' of Four-Conductor Cable on Reels ea</td>
<td>$0.25</td>
</tr>
<tr>
<td>927-3</td>
<td>Con of liquid track cleaner</td>
<td>$0.05</td>
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<tr>
<td>6117-25</td>
<td>Set of 4 collectors for 6162</td>
<td>$0.50</td>
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<tr>
<td>3356-10</td>
<td>Seat 9 horses for 3356</td>
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<tr>
<td>3356-150</td>
<td>Horse car coach with horses</td>
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<td>3356-2</td>
<td>Horse car for 3356</td>
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<tr>
<td>6342</td>
<td>Culvert car and 7 Pipe sections for 3342</td>
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<tr>
<td>464-150</td>
<td>Set 6 boards for 464 mill</td>
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<tr>
<td>3530-50</td>
<td>Transformer pole for 3530</td>
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**REPLACEMENT LAMPS**

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<tr>
<td>123</td>
<td>Lamp assortment</td>
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<tr>
<td>601</td>
<td>6-V Clear (156-16)</td>
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<td>506</td>
<td>6-V Green (153-24)</td>
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<tr>
<td>505</td>
<td>6-V Red (153-23)</td>
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<td>513</td>
<td>6-V Clear (G-90)</td>
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<tr>
<td>519</td>
<td>12-16V Clear lamp for 1122L or R (New)</td>
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<tr>
<td>513</td>
<td>12-16V Bay'</td>
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<tr>
<td>539</td>
<td>12-16V (Bayonet) Green (153-48)</td>
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<td>539</td>
<td>12-16V (Bayonet) Red (153-50)</td>
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</tr>
<tr>
<td>57</td>
<td>12-16V Bayonet</td>
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</tr>
<tr>
<td>575</td>
<td>14V Clear (151-51)</td>
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<tr>
<td>509</td>
<td>14V Clear (27-3)</td>
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<td>539</td>
<td>14V Clear (315-39)</td>
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<td>543</td>
<td>14V Red (152-33)</td>
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<td>543</td>
<td>18V Clear (28-3)</td>
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<td>543</td>
<td>18V Red (458-45)</td>
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<td>543</td>
<td>18V Red (28-6)</td>
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<tr>
<td>543</td>
<td>18V Lamp (64-15)</td>
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<tr>
<td>661</td>
<td>14V Clear Indented (394-10)</td>
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<tr>
<td>11402</td>
<td>14V Spec. (240-20)</td>
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<tr>
<td>11445</td>
<td>18V Clear (202-25)</td>
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<tr>
<td>11447</td>
<td>18V Clear (325-50)</td>
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</tr>
<tr>
<td>11445</td>
<td>18V Red (156-18)</td>
<td>$0.30</td>
</tr>
</tbody>
</table>

**IMPORTANT!**

Lionel Trains and Accessories are sold only through Lionel dealers.
YOUR RAILROAD CAN GROW and GROW and GROW

PLANNING AND BUILDING A BIG PIKE CAN BE JUST AS MUCH FUN AS OPERATING IT—AND IT'S EASY

Practically all model railroads start with a simple loop of track and one train set. Later, some track is added, some more accessories, another locomotive, more cars. But don't necessarily be limited by them. The best home layout is the one you work out by yourself.

GET "MODEL RAILROADING"
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You'll learn from step-by-step drawings, photographs, blueprints and text how to recreate the whole fascinating world of railroading. You'll learn to landscape, wire for exciting operation, care for your rolling stock...the ideas are almost endless!

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1
Here's the start—the approximate track you receive with your set. 8 curved, 6 straight. Size: "O" 31" x 60"—"O27" 27" x 34"

2
By adding some switches and straight track you will have a reversing loop and a siding for car storage. Now you'll want more accessories. 8 curved, 13 straight, 1 pr. switches, 1 left switch. Size: "O" 31" x 80"—"O27" 27" x 72"

3
Add another pair of switches—some curved and straight track and you'll have two long sidings for loading and unloading accessories. 11 curved, 22 straight, 2 pr. switches, 1 left switch. Size: "O" 46" x 86"—"O27" 42" x 78"

4
Finish your layout by converting your long sidings into an outside loop. Now you have two mainlines. To make this into a two train operation, see plan on page 21. 13 curved, 25 straight, 3½ straight, 2 pr. switches, 1 left switch. Size: "O" 45" x 92"—"O27" 42" x 84"
"PLAY ALL YEAR-ROUND" FOR SMALL SPACES

You can have fun with your Lionel train all year 'round, even where space is limited. And you can have landscaped layouts, too.

Here are several methods of installing interesting pikes in a small area. They are the ROLL-AWAY, the FOLD-AWAY and the WALL-AWAY. Of course, it is necessary to disconnect transformer and accessories when the layouts are hidden away. The simplest method is to use jack plugs to make electrical wiring connections beneath the layout. Tall accessories can be removed or hinged so that they can be folded flat. Please note that track requirements shown on this page are rough approximates. They will vary depending on the space you have available. You can figure your own requirements by referring to track lengths shown on the track page of this book.

THE WALL-AWAY—a great many model railroadists have used this arrangement for limited space. The train layout table can be folded up out of the way as shown. You can also put shelves on the bottom of the "wall-away" to store your rolling stock.

APPROXIMATE TRACK REQUIREMENTS — 11 curved, 11 straight, 4 ½-straight, 1 pr. switches, 1 right switch.

THE ROLL-AWAY is a layout platform on casters that can be pushed under the bed when not in use. Made of plywood, braced by 2" by 2" strips.

APPROXIMATE TRACK REQUIREMENTS — 10 curved, 6 straight, 2 ½-straight, 2 left switches.

THE FOLD-AWAY can be collapsed to half its extended size and stored in a closet. When building, be sure to join your track where the table folds.

APPROXIMATE TRACK REQUIREMENTS — 11 curved, 22 straight, 1 pr. switches, 1 left switch.
ENJOY THE FUN OF TWO TRAIN OPERATION

Operating two trains at once is one of the big thrills of model railroading!
As your pike grows larger you will surely want to incorporate this feature. Here’s a basic two-train layout that can be operated with either a KW or ZW transformer. You can get fibre pins and 364C controllers from your local Lionel dealer.

The principle is to “isolate” certain sections of track by inserting fibre pins in center rails of track, thus establishing “blocks” where power can be cut off when desired. (Note: do not remove fibre pins which are normally found in switch track). The “cut-off” sections have their own controllers, connected to the transformer, so that you can control each section separately.

HERE’S HOW IT WORKS

Suppose you have one train running on the outer loop and another on the inner loop and wish to interchange them.

First bring train on outer loop into block D and “cut it off” with controller 364C-X. Then you can switch the inner train out onto the outer loop. Now, by reactivating block D, you can bring the waiting train into the inner loop.

Here’s another operation. Stop train in inner loop in block B by using controller 364C-Y. You can now switch outer train through intermediate loop (shown by shaded track).

These are two simple movements just to show you how the two-train operation works. You will find other variations by yourself. It’s a good idea to practice these maneuvers first with locomotives only — before adding cars.
BUILD YOUR LAYOUT FOR THE FUTURE

Here are some pikes to shoot for! Note that the small circles indicate fibre pins in center rolls of track for two-train operation as described on page 21. Dotted lines show possible tunnel locations. Wherever an uncoupling section is shown, subtract the count of straight track by one section.

This layout will give you plenty of action... includes an inside loop and a good, long car storage siding.

APPROXIMATE TRACK REQUIREMENTS: 16 curved; 26 straight; 2 pr. switches; 1 left switch.
Approximate Size: For O — 90" x 50" — For O27 — 80¼" x 45"

Here you have two continuous routes, provided by double track with a double switchover. Has good-sized siding at one end.

APPROXIMATE TRACK REQUIREMENTS: 14 curved; 23 straight; 2 ½ straight; 3 pr. switches; 1 rt. switch. Approximate Size: For O — 108" x 56" — For O27 — 98" x 49"

This one is designed for fancy freight-handling... has a single mainline with long passing siding and two spur sidings.

APPROXIMATE TRACK REQUIREMENTS: 10 curved; 26 straight; 2 ½ straight; 2 pr. switches.
Approximate Size: For O — 100" x 50" — For O27 — 99½" x 45"
An exciting arrangement which permits you to reverse the direction of your train with an "S" loop. Includes a long siding.

APPROXIMATE TRACK REQUIREMENTS: 17 curved; 19 straight; 2 ½-straight; 3 right switches.
Approximate Size: For O — 40" x 100" — For O27 — 36" x 89½"

Look at the different routes you can run! Here are two mainlines, a reverse loop and a storage siding.

APPROXIMATE TRACK REQUIREMENTS: 17 curved; 30 straight; 1 pr. switches; 3 right switches. Approximate Size: For O — 100" x 60" — For O27 — 89½" x 54"

Ideal for freight hauling and railside accessories. Has two train loops. Inside loop can be used to store cars.

APPROXIMATE TRACK REQUIREMENTS: 12 curved; 22 straight; 1 ½-straight; 2 pr. switches.
Approximate Size: For O — 40" x 100" — For O27 — 36" x 89½"

A five-sided pike that provides three train routes. This is an excellent one for two-train operation as explained on Page 21.

APPROXIMATE TRACK REQUIREMENTS: 16 curved; 32 straight; 1 ½-straight; 2 pr. switches; 1 left switch. Approximate Size: For O — 100" x 70" — For O27 — 89½" x 62½"
NEW No. 465 SOUND Dispatching Station. Train fans can now call out stations—start and stop trains! Station contains loudspeaker connected to a microphone from which operator can announce arrival of train, page passengers, etc. Control in the handle of the "mike" can stop or start a train anywhere on the layout. Simulated microwave antenna is mounted on the roof of the station. Illuminated building shows dispatchers working in a huge dispatching and control board. Batteries for loudspeaker are included. Size of station 11" by 8".

NEW No. 227 Operating Station with Horn. Horn blows by "push-button." The No. 227 is connected with a controller, so that the horn can be sounded at will. Horn is blown by a dry cell battery contained in the station. Building measures 15" x 5", 9½" high.

NEW No. 253 Automatic Block Signal and Control. Here's real-life block control. This signal will stop a train in a block for a period that can be adjusted by a lever in the base. As train is released, the signal changes from red to green. Base 4" by 3". Height 7½".

NEW No. 342 Operating Culvert Loader. This set loads culvert pipes into a special gondola by remote control. Several sections of large culvert pipe are placed on a loader platform manually. Pressure of remote control button causes the piece of pipe to be selected, picked up, and released automatically. Size of station, 11½" by 10½", 6" high. Car length 10½".

NEW No. 464 Operating Lumber Mill. Gives a complete illusion of a buzzing saw-mill. Logs can be placed in entry bin either manually or by the Lionel Operating Car. Remote control then causes logs to be slowly conveyed into mill and then cut up by means of a dressed lumber. True-to-life buzzing sound accompanies action. On roof are two swiveling, adjustable spotlight to illuminate night-time operation. Tiny sawdust collector is also mounted on roof. Logs, dressed lumber and controller are included. Dimensions: 16½" by 6", 6½" high.