

**LIONEL SCREW/RIVET/
SPRING ASSORTMENTS**

WINTER 2004

DR. TINKER®

CELEBRATING 50+ HAPPY YEARS IN TRAINS **Parts & Service**

DAVID LAUGHRIDGE



ASSORTMENT DESCRIPTION	# PIECES	PRICE
POPULAR ASSORTMENT #S-1: LIONEL SCREWS	200+	\$55.00

1. 3-48 x 3/16 RH #1656 Front Step Screw
2. 3-48 x 5/8 FH Rec. #226E Eccentric Screw - Bonus Pack
3. 4-36 x 3/8 FH #2026 Front Truck Plate Screw
4. 4-40 x 3/16 BH UCS Track Terminal Screw
5. 4-40 x 1/4 RH #2023 Alco Battery Bracket Mounting
6. 4-40 x 1/4 BH F-3 2333 Truck Cover Plate Screw
7. 4-40 x 5/16 BH GG-1 2330 Body Mounting Screw
8. 4-40 x 3/8 RH #726 (1946) Rear Frame, #2333 Pick-up Screw
9. 6-32 x 3/16 RH #622 Brush Plate Screw
10. 6-32 x 3/16 BH #675 Brush Plate Screw
11. 6-32 x 1/4 RH #671 Brush Plate Screw
12. 6-32 x 3/8 FH #622 Truck Side Screw
13. 6-32 x 3/8 Fil Hd. #726 (Late) Rear Frame, #736 Cab Front Screw
14. 6-32 x 7/16 Fil Hd. #736 Rear Frame Mounting Screw
15. 6-32 x 1/2 RH GP-7 & 9 Power Truck Mounting Screw
16. 6-32 x 1/2 Fil Hd. #773 Frame to Steam Chest Screw
17. 6-32 x 3/4 Fil Hd. #675/2025 Steam Chest Mounting Screw
18. 6-32 x 1 Fil Hd. #2333 Motor Mounting Screw

POPULAR ASSORTMENT #S-2: LIONEL SCREWS	200+	\$55.00
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1. 3-48 x 3/4 FH Rec. Long Eccentric Screw for Stripped Prewar Drivers
2. 4-36 x 1/4 RH #1656 Shoe Plate Screw
3. 4-40 x 3/16 RH #2321 FM Brush Plate Screw
4. 4-36 x 1/4 RH (Ni) for Prewar Engines, Tenders
5. 4-40 x 9/16 FH Rec. #2055-93 Eccentric Screw
6. 4-40 x 5/8 FH Rec. #2035-6/#736-30 Eccentric Screw - Bonus Pack
7. #9805-35 THST Rec. MPC Sprung Truck Mounting Screw
8. 4 x 1/4 FHST #6464 Box Car Body Screw
9. 4 x 1/4 RHST #600 Reverse Unit Screw, Car Bodies - Bonus Pack
10. 4 x 1/4 BHST Fire Car, Cab to Frame Screw, Car Bodies
11. 4 x 1/4 OHST Rec. #2243 B-unit Cab Mounting Screw
12. 4 x 9/16 RHST #60 Trolley Body Mounting Screw
13. 6 x 1/4 RHST GP-7/-9 Body Mounting Screw
14. 6-32 x 3/16 FH Rec. #622 Frame to Truck Pivot Bracket Screw
15. 6-32 x 1/4 Fil Hd. #2321 Relay Mounting Screw
16. 6-32 x 5/16 RH #2333 Battery Bracket Screw
17. 6-32 x 9/16 FH #2330 GG-1 Motor Mounting Screw
18. 6-32 x 3/4 OH Rec. #221 Motor Mounting Screw (#8600-46)

ASSORTMENT DESCRIPTION	# PIECES	PRICE
FLAT HEAD ASSORTMENT #S-3: MACHINE SCREWS	200+	\$55.00

1. 3-48 x 3/16 FH #700E Cow Catcher, GG-1 Truck Side Screw
2. 3-48 x 1/4 FH #700E X-Head Support Screw
3. 3-48 x 3/8 FH #773 Cowcatcher Screw
4. 3-48 x 5/8 FH Recessed Eccentric Crank Screw Pre-1950 Screw
5. 4-36 x 3/8 FH #1666E/#2026 Pilot Truck Plate Screw
6. 4-36 x 7/16 FH #700T Body Mounting Screw
7. 4-36 x 5/8 FH #700E/763 Valve Hanger Screw
8. 4-40 x 3/16 FH Recessed #50 Gang Car Brush Plate Screw (1954)
9. 4-40 x 5/16 FH #2333 Pilot Mounting Screw
10. 4-40 x 5/8 FH Recessed Eccentric Crank Screw - Bonus Pack
11. 6-32 x 3/16 FH 2023 Alco E-Unit Mounting Bracket Screw
12. 6-32 x 1/4 FH FM Body Mounting Screw
13. 6-32 x 3/8 FH #622 Truck Side Screw
14. 6-32 x 5/16 FH #671 Front Body Mounting Screw
15. 6-32 x 1/2 FH (9/16) #2330 GG-1 Motor Mounting Screw
16. 6-40 x 11/16 FH #2332 GG-1Horn Mounting Screw
17. 6-32 x 3/4 FH #681/773 Rear Cab Mounting Screw
18. 8-32 x 1/4 FH "O-72" Switch Motor Mounting Screw

SMALL MACHINE SCREW ASSORTMENT #S-4: ROUND HEAD 200+	200+	\$55.00
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1. 2-56 x 1/4 RH #151 Lamp Housing Screw
2. 3-48 x 1/8 RH #397 Coal Loader Cover Plate Screw
3. 3-48 x 3/16 RH #1656 Front Step Screw & 675 Brush Holder
4. 3-48 x 1/4 RH #2226 Tender Step Screw
5. 4-36 x 1/8 RH #450 Signal Mounting Screw
6. 4-36 x 3/16 RH 671 Worm Cover Screw
7. 4-36 x 1/4 RH (Ni) Prewar Engines & Accessories Screw
8. 4-36 x 1/4 RH #2226 Tender Body Mounting Screw - Bonus Pack
9. 4-36 x 1/2 RH (Ni) Prewar Standard Gauge Screw
10. 4-36 x 3/4 RH #700E/763 Boiler Ring Screw
11. 4-40 x 3/16 RH #2321 Brush Plate Screw
12. 4-40 x 1/4 RH (Ni) Miscellaneous Accessories Screw
13. 4-40 x 1/4 RH General Use Screw
14. 4-40 x 1/2 RH (Ni) Miscellaneous Accessories Screw
15. 4-40 x 1/2 RH #773 Top Rear Pick-up Insulator Screw
16. 4-40 x 3/4 RH (Ni) Prewar Miscellaneous Screw
17. 4-40 x 7/8 RH #773 Top Front Insulator Screw
18. 6-32 x 1/4 RH (Ni) Miscellaneous Prewar Screw

ASSORTMENT DESCRIPTION	# PIECES	PRICE
ASSORTMENT #S-5: BINDING AND PAN HEAD SCREWS	200+	\$55.00
1. 2 x 1/4 PHST O-22 Switch Bottom Plate Screw		
2. 3-48 x 5/16 BH #681 Pick-up Mounting Screw		
3. 4-40 x 1/8 BH #773 Oil Hole Plug Screw		
4. 4-40 x 3/16 BH UCS Track Terminal Screw		
5. 4-40 x 1/4 BH #2333 Truck Cover Plate Screw		
6. 4-40 x 1/2 BH 1946 #746 Pick-up Mounting Screw		
7. 4-36 x 1/8 BH #700E Oil Hole Plug Screw		
8. 4-36 x 3/8 BH General Purpose Accessory Screw		
9. 5-40 x 3/16 BH #497 Motor Mounting Screw		
10. 6 - 3/16 BHST #52 Body Mounting Screw		
11. 6-32 x 3/16 BH #675 Brush Plate Mounting Screw - Bonus Pack		
12. 6-32 x 1/4 BH #621 Relay Mounting Screw		
13. 6-32 x 5/16 BH #2321 Truck Side Mounting Screw		
14. 6 x 5/16 BHST Tender Body Mounting Screw		
15. 6-32 x 3/8 BH #2023 Power Truck Motor Mounting Screw		
16. 6-32 x 5/8 BH #622 Motor Mounting Screw		
17. 8-32 x 3/16 BH for 6418 Truck Bracket		
18. 8-32 x 7/32 BH #2460, 6460, 6560 Crane Truck Mounting Screw		

ASSORTMENT #S-6: FILLISTER HEAD & CHEESE HEAD SCREWS	200+	\$55.00
1. 2-56 x 3/16 Fil Hd Slope Back Tender Lite Housing Screw		
2. 3-48 x 5/16 Fil Hd #726 Collector Plate Screw		
3. 4-40 x 1/4 Fil Hd #2426 Tender Step Screw		
4. 4-36 x 1/4 Fil Hd #700T Step Mounting Screw		
5. 4-40 x 3/8 Fil Hd #726 Boiler Front Mounting Screw		
6. 4-40 x 3/8 Fil Hd Recessed #736/2046 Boiler Front Mounting Screw		
7. 6-32 x 1/4 Fil Hd Relay Mounting Screw - Bonus Pack		
8. 6-32 x 3/8 Fil Hd #736 Steam Chest Mounting Screw		
9. 6-32 x 7/16 Fil Hd #736 Rear Mounting Screw		
10. 6-32 x 1/2 Fil Hd #671 Motor Mounting Screw		
11. 6-32 x 1/2 Fil Hd (Cad) 736 Motor Mounting Screw		
12. 6-32 x 5/8 Fil Hd #671/726 Weight Mounting Screw		
13. 6-32 x 3/4 Fil Hd Rec #225E/226E Top Motor Mounting Screw		
14. 6-32 x 3/4 Fil Hd #675 Steam Chest Mounting Screw		
15. OM-21 Motor Mounting Screw for #1656		
16. 6-32 x 1 Fil Hd #225E Steam Chest Mounting Screw		
17. 6-32 x 1-1/8 Fil Hd #773 Valve Gear Support Screw		
18. 6-32 x 2" Fil Hd #2855 Tank Car Dome Mounting Screw, 5 in.		

ASSORTMENT DESCRIPTION	# PIECES	PRICE
ASSORTMENT #S-7: PHILLIPS (RECESSED) HEAD	200+	\$55.00
1. 2 x 3/16 THST Recessed #1-700E/783 Bell Frame Mounting Screw		
2. 3-48 x 3/16 RH Recessed #1656 Front Step Screw		
3. 4-40 x 3/16 RH Recessed #50 Gang Car Brush Plate Screw		
4. 4-36 x 1/4 RH Recessed #1656 Coupler Bracket Screw		
5. 4-40 x 3/16 FH Recessed #50 Gang Car Brush Plate Screw, 1954		
6. 4 x 1/4 FHST Recessed #6464 Box Car Body Mtg. Screw - Bonus Pack		
7. 4-40 x 1/4 FHSTZ Recessed #6464 Box Car Body Mtg. Screw		
8. 4-40 x 1/4 THST 8803-300 2500 series Pass. Car Truck Channel Mtg. Screw		
9. 4 x 1/4 RHST Recessed #2400 Series Pass. Car Body Screw		
10. 4-40 x 3/8 Fil Hd. 8600-49 #665 Boiler Front Mounting Screw		
11. 4 x 9/16 RHST Recessed #60 Trolley Body Mounting Screw		
12. 6 x 5/8 OHST Recessed #1033-62 Cover Screw		
13. 6 x 1-1/8 OHST Recessed KW Cover Screw, #20-93		
14. 6-32 x 1/2 RH Recessed #1656 Steam Chest Mounting Screw		
15. 6-32 x 3/4 Fil. Hd. Recessed #226E Motor Mounting Screw		
16. 6-32 x 1 RH Recessed #1656 Jack Plug Mounting Screw		
17. 6 x 1 FHST Recessed #50 Gang Car Cover Screw		
18. 8 x 5/8 OHST Recessed Head ZW-120 Cover Screw		

ASSORTMENT #S-8: SMALL SELF-TAPPING SCREWS	200+	\$55.00
1. 2 x 3/16 RHST #2460 Twin Pulley Assembly Mtg. Screw		
2. 2 x 3/16 PHST #022-88 Switch Bottom Plate Screw		
3. 4 x 3/16 RHST Body Screw		
4. 4 x 1/4 FHST #6464 Body Screw		
5. 4 x 1/4 RHST #6257 Caboose Body Mounting Screw – Bonus Pack		
6. 4 x 1/4 OHST #2243 F-3 “B” Unit Body Mounting Screw – Rec. Head		
7. 4 x 1/4 PHST #41, 42, 51 Body Mounting Screw		
8. 4 x 1/4 Hex HDST #2260-20 Screw for Switch		
9. 4-40 x 1/4 RHST Body Mounting Screw		
10. 4 x 5/16 RHST 3464-35 Body Mounting Screw		
11. 4 x 3/8 FHST F-3 Cab Front Mounting Screw		
12. 4 x 3/8 RHST Body Mounting Screw		
13. 4 x 1/2 RHSM Trestle Clip Screw (Sheet Metal Thread)		
14. 4 x 1/2 THST Recessed MPC Bunk Car Body Mounting Screw		
15. 4 x 5/8 RHST #2530 Alum. Baggage Car End Screw		
16. 6 x 1/4 RHST #2671 Tender Body Mounting Screw – Recessed Head		
17. 6 x 5/16 RHST #2328 Battery Cover Screw		
18. 6 x 1/2 FHST #2333 Rear Body Mounting Screw		

SPECIAL NOTICE: For over 20 years, we have offered the Lionel Replacement Screw Assortments to the market at cost. But costs have increased in that period, and it is necessary to increase the per pack of screws to \$45.00 each. The clear plastic bins will continue to be supplied at no additional charge. S&H is \$6.00 per order.

If you need our Parts list or Lionel Screw/Rivet Assortment list, please advise. Thank you. DR. TINKER® PARTS & SERVICE

NOTE: Screws are marked and packed individually, 10 or 20 pieces per packet. A clear plastic storage bin is supplied with each assortment. Common screws and rivets should be ordered in lots of 10 @ \$2.00 per packet.

ASSORTMENT DESCRIPTION	# PIECES	PRICE
ASSORTMENT #R1: RIVETS/PINS	150+	\$55.00
1. 20-20 Collector Assembly Rivet, Prewar		
2. 41-23 Roller Pin		
3. 41-54 Rivet, Armature Coupler, AKA 6510-130		
4. 41-69 Side Rail Rivet, Nickel		
5. 50-23 Collector Rivet, Nickel		
6. 100-52 Eyelet, E-Unit Lever		
7. 153-14 Drive Stud		
8. 202-9 Drive Screw		
9. 224E-7 Pilot Truck Rivet		
10. 252-23 Counter Weight Rivet		
11. 480-19 Coupler Armature Spring Rivet		
12. 480-20 Shoe Rivet - Bonus Pack		
13. 481-12 Roller Pin		
14. 500-179 Rivet, Truck Mounting - Short		
15. 521-9 Pivot Rivet		
16. 530-40 Rivet, Pilot		
17. 530-44 Rivet for Mounting GP End Rail		
18. 566-16 Rivet, Truck Mounting for Plastic Trucks		

ASSORTMENT DESCRIPTION	# PIECES	PRICE
ASSORTMENT #R2: RIVETS/PINS	150+	\$55.00
1. 622-17 Rivet, Lockplate		
2. 671-81 Stud, Rear Truck		
3. 671-94 Stud, Front Truck		
4. 671-107 Collector Rivet		
5. 675-28 Rivet, Trailing Truck		
6. 681-16 Pin, Roller		
7. 700E-49 Groove Pin		
8. 700E-53 Eccen. Crank Hex Hd. Rivet, Long Shaft Shoulder		
9. 700E-54 Hex Hd. Rivet, Shoulder		
10. 700E-55 Hex Hd. Rivet for Valve Stem		
11. 711-111 Stud for Lantern Retainer Ring		
12. 711-207 Rivet for Lamp Bracket		
13. 726-49 Drive Screw for Crosshead		
14. 746-75 Drive Screw		
15. 1002-6 Truck Mounting Clip, Black, .144"		
16. 1120-10 Rivet for Scout Pilot Truck		
17. 1666E-14 Pilot Truck Stud		
18. 1666E-84 Groove Pin		

Rivet, pin and spring assortments are marked and packed individually, 2-10 pieces per pack. A clear plastic storage bin is supplied with each assortment. Refills should be ordered in lots of 10 per item, by appropriate part number at the price indicated on the parts list.

ASSORTMENT DESCRIPTION	# PIECES	PRICE
ASSORTMENT #R3: RIVETS/PINS	150+	\$55.00
1. 1695-22 Rivet for GP Pilot Mounting		
2. 2023-44 Pin for Roller		
3. 2036-124 Pin for Roller		
4. 2046-120 Spring Rivet		
5. 2321-136 Collector Rivet		
6. 2328-96 Pin for Roller		
7. 2333-33 Pin for Collector		
8. 2333-76 Coupler Plate Rivet		
9. 2343-65 Rivet for Cab Bracket		
10. 2363-11 Shoulder Rivet, Swivel Plate		
11. 2660-25 Drawbar Rivet for 2055, 165 Crane Boom		
12. CP-43 Pivot Stud		
13. CP-58 Truck Center Stud, Short		
14. TC-23 BPH Knuckle Rivet, Black Panhead		
15. TC-23N Nickel Knuckle Pin, Modern Era		
16. TC-23RH Round Head Knuckle Rivet, 1945 Trucks		
17. TT-234 Rivet for Trailer Truck		
18. ZW-102 Roller Pin for Transformers		

ASSORTMENT DESCRIPTION	# PIECES	PRICE
SPRING ASSORTMENT #SP-1	70+	\$55.00
1. 204-34 Centering Spring, Flat, Long		
2. 217-78 Centering Spring, Flat		
3. 226E-30 Pilot Truck Spring		
4. 226E-77 Motor Brush Spring (AKA 224E-2)		
5. 480-16 Knuckle Spring (AKA TC-22)		
6. 622-57 Coupler Centering Spring-g		
7. 622-133 Grounding Spring, Conical)		
8. 622-191 Motor Brush Spring		
9. 671-151 Conical Spring, Truck		
10. 1055-56 Spring, Motor Mounting (AKA 600-130)		
11. 1120-11 Front Truck Conical Spring		
12. 1615-93 Coupler Centering Spring (AKA 2321-162)		
13. 2020M-34 Motor Brush Spring		
14. 2026-44 Smoke Unit Pump Spring		
15. 2036-157 Motor Brush Spring		
16. 2046-27 Conical Spring, Front Truck		
17. 2243-190 Centering Spring for Coupler		
18. OM-22 Motor Brush Spring (AKA 1-48)		
19. R-91 Spring for Lamp Contact		
20. WS-147 Brush Spring, Coil Type (AKA 224E-101 & 1661E-30)		

NOTICE: We reserve the right to make changes or substitutes, depending on inventory at time of order placement.

**Your sample will be returned to you with your order.
Describe parts by number, when possible, or send a sample for us to match.**

TERMS AND CONDITIONS

- Minimum \$30.00 order, paid in advance — ~~include \$9.00, (\$12.00 Canada), for shipping & handling~~, additional (total \$39.00). Make checks payable to David Laughridge and send with order. We have no open accounts. Sorry, no CODs or credit cards accepted. Prices are subject to change.
- If you do not know how much an item is, send a deposit for the estimated amount. Overpayments will be refunded with your order.
- If you want an order to be insured, send extra estimated funds.
- Parts listed are new, used, reconditioned, and reproduction, depending on availability at the time of the request. Parts that have been rerun at the factory are generally considered to be the same as new, original parts, if appropriate.
- Parts cannot be returned for credit, except by prior agreement. All sales are final. A restocking fee will be charged for all returned merchandise. Restocking fee is normally \$5.00 or 10% of the value of the returned item(s). Electrical units are tested before shipment. Damage resulting from shipment or improper installation is not sufficient reason for a return for credit.
- Some items are reconditioned, such as smoke units, armatures, and E-units. If this is objectionable to you, please indicate.
- Correctness and accuracy are of prime concern to us. Dr. Tinker® (Dave Laughridge) is a former Lionel Product Manager from the late 60's period and has been designing toys, repairing trains, and writing about his work most of his life. This is a full time business, not a part time hobby. We also use the parts that we sell to repair our own customers' trains, so you can be assured that what we ship to you is the best quality available. **Your satisfaction is our prime concern.**
- Send Self-Addressed Stamped Envelope for inquiries, please. Order by Lionel engine or accessory part number when possible.
- Quantities are limited on some items, especially new original old stock. If reproduction is acceptable, please advise.
- Please try to keep telephone calls to a minimum. To process your order, send a check or money order for \$39.00 minimum, and a written list of your needs. Sorry, no Credit Cards!
- Massachusetts dealers with tax numbers should send tax exempt form or a photocopy of your Sales Tax and Use Registration certificate for our files. Out-of-state customers do not pay Massachusetts sales tax.
- We have not increased prices generally in over ten years. We buy parts at auction and from primary manufacturers and pass the savings on to our customers. If any part seems overpriced, please let us know. Adjustments can be made, when appropriate.
- Sales are final for all books, circuit boards and electro-mechanical assemblies.
- Dealers ask for our list of Service Products.

ABBREVIATIONS

Br = Brass
LIM = Limited Quantities Available
M = Mint Condition
N = New
Ni = Nickel
NOS = New, Old Stock
O = Factory Original, New
R = Reproduction, Acceptable
TOS = Temporarily Out of Stock
SO = Special Order
U = Used, As Is, Original Part

NOTICE

**If you want to fax an order, PLEASE CALL FIRST at
781-862-5798 so we can turn on the fax machine.**

**If you have access to a computer,
you can send the order via e-mail to:**

dave@drtinkertrains.com

**or you can send a deposit of \$39.00. We will advise on
amount that is due to you, or to us.**

NOTE: PLEASE DO NOT COPY PARTS PRICE LIST. ASK FOR AN UPDATED NEW ONE.

This list becomes obsolete monthly as new parts become available and as old parts inventories are used up. If you have not ordered any parts for a few months, please reorder the parts list. It's free to active, regular customers, or you can download an updated list from our website—<http://www.drtinkertrains.com>

**SCREW & RIVET ASSORTMENTS:
\$55.00 – Plus Shipping (\$9.00)**

**ALSO — Reconditioned Transformers,
Trains, cars, accessories in limited supply.
Sorry, no list. Let us know what you need.**

**MANY INVENTORIED PARTS
ARE NOT ON THIS LIST**

If you don't see the items you need, please inquire, especially regarding pre-war replacement parts. Please send a SASE. Thank you.

Hal David Laughridge

PACKING LIST INSIDE

FROM:

Dr. Tinker's Antique Toy Trains
 P. O. Box 242
 Lexington, MA 02420-0003



INVOICE NUMBER

INVOICE DATE:

SOLD TO:

SHIPPED: _____

SHIP TO:

Download our newest parts list **FREE** on our Web Page at www.drinkertrains.com

Customer ID	Date Order Placed	Payment Terms	Sales Rep ID	Page
			HDL	1

Quantity	Item	Description	Unit Price	Total

Check Number _____ Date Paid _____

PLEASE INCLUDE INVOICE NUMBER ON ALL PAYMENTS AND MAKE CHECKS PAYABLE TO DAVID LAUGHRIDGE. THANK YOU.
 MAIL TO: P. O. Box 242, Lexington, MA 02420-0003

Restocking fee is 10% for returned items. A finance charge of 2% will be added to all accounts 10 days overdue.

5% MA Sales Tax	
Shipping & Handling	
Total Invoice Amount	
Amount Received With Invoice	
Total Due	

