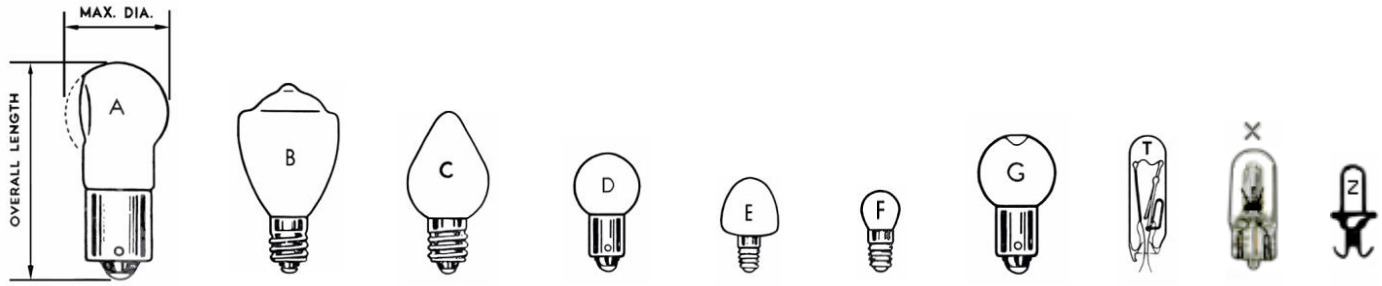
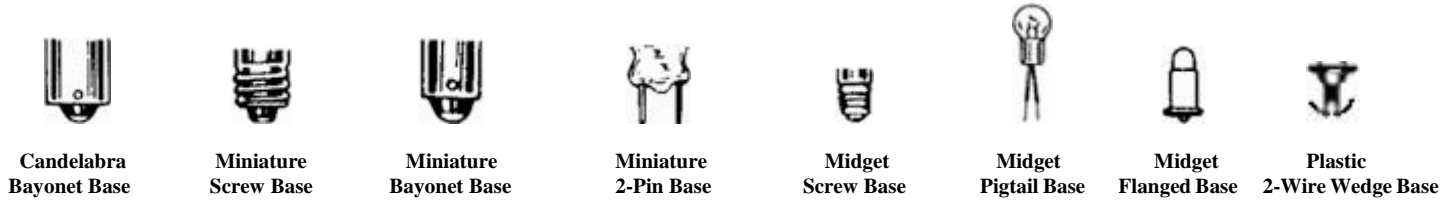


BULB SHAPES



BASE TYPES



| Original Catalog No. | Boxed Bulb Part No. | Lamp only Stock No. | New Stock Number | Volts | Amp | Bulb Shape | Base Type | Color | Where Used (Prewar) |
|-----------------------------------|----------------------|-------------------------|--------------------|-------------------|-------------------|-------------|----------------|-----------------------------------|--|
| 27-3 | 27-3 | 27-1 | 430-300 | 12v | 0.25 | D | SB | Clear | 83, 87, 164, 204, 221, 224, 229, 249, 259, 264, 265, 439, 442, 440C, 600, 601, 602, 616T, 620, 820, 1101, 1121, 1121C, 1654, 1655, 1656, 1664, 1666, 1668, 1684, 1685X, 1686X, 1687X, 1688, 2440, 2441, 2442, 2443, 2600, 2601, 2602, 2620, 2640, 2641, 2642, 2643, 2820, 6440, 6441, 6442, 6443 |
| 27-6 | 27-6 | 130L-11 | 430-302 | 12v | 0.25 | D | SB | Green | 0072 Controller |
| 28-3 28-3F 28-3WF 28-3WS | 28-3 | 28-1 | 432-300 | 18v | 0.25 | D | SB | Clear Frost Wh Fr Wh Sat | 56, 57, 80N, 82N, 92, 99N, 115, 116, 117, 120L, 134, 136, 137, 184, 189, 191, 210, 223, 225, 226, 250, 263, 437, 438, 440N, 613, 614, 615, 753, 754, 782, 783, 784, 911, 912, 913, 2613, 2614, 2615 and all Standard Gauge Eng & Cars |
| 28-6 | 28-6 | 119L-3 | 432-301 | 18v | 0.25 | D | SB | Red | 022C, 025, 25, 77N, 91, 120L, 226, 263, 385, 392, 400, 711C, 1835 |
| 29-3 | 29-3 | 29-2 | 1447-304 | 18v | 0.15 | D | SB | Yellow | 99N |
| 39-3 | 39-3 39-3 39-3 | 39-1F 39-1 39-1WS | 1441-303 | 12v 12v 12v | 0.25 " " | C C C | SB SB SB | Frosted White Sat Wh | 54, 58 |
| 40-3 | 40-3 40-3 40-3 | 40-1F 40-1 40-1WS | 1442-303 | 18v 18v 18v | 0.25 " 0.25 | C C C | SB SB SB | Frosted White Sat Wh | 129, 155 |
| 47-40 | 47-40 | 47-40 | 47-73 | 18v | 0.25 | F | MSB | Red | 46, 47 (Lantern Bulb) |
| 47-73 | 47-73 | 47-62 | 1402-301 | 14v | 0.20 | F | MSB | Red | 46, 47 (Lantern Bulb) |
| 63-11 | 63-11 | 63-10 64-15 | 451-303 451-303 | 18v 18v | 0.25 0.25 | B B | SB SB | Opal White | 52, 53, 63 Same |
| 64-15 | 64-15 | 64-25 | 452-303 | 12-14v | 0.20 | E | MSB | Opal | 64 |
| 64-26 | 64-26 | 64-26 64-25 | 452-303 452-303 | 12v 14v | 0.25 0.25 | E E | MSB MSB | Opal White | 64 Same |
| 0072-70 | 0072-70 | 0072-70 | N/A | 12v | 0.20 | D | SB | Yellow | 0072 |

| Original Catalog No. | Boxed Bulb Part No. | Lamp only Stk No. | New Stock Number | Volts | Amp | Bulb Shape | Base Type | Color | Where Used (Prewar & Postwar) |
|----------------------|---------------------|---------------------|--------------------|---------------|--------------|------------|-----------|----------------|--|
| 79-23 | 79-23 | 118L-6 Subst | N/A 430-301 | 12v 14v | 0.25 0.25 | D D | SB SB | Red Red | 79, 0072 Controller, 1025 Same |
| 151-51 | 151-51 | 151-50 | 363-300 | 12-14v | 0.20 | D | BB | Clear | 26, 70, 71, 151, 364, 622, 6520 |
| 152-33 | 152-33 | 152-32 | 363-301 | 12-14v | 0.25 | D | BB | Red | 152, 153 |
| 153-23 | 153-23 | 153-21 | 50-301 | 6-8v | 0.22 | D | SB | Red | 153 (50-310 for units prior to 1950) |
| 153-24 | 153-24 | 153-20 | 50-302 | 6-8v | 0.22 | D | SB | Green | 153 (50-302 for units prior to 1950) |
| 153-33 | 153-33 | 153-32 | 431-301 | 12-14v | 0.22 | D | BB | Red | 153 after 1950 |
| 153-35 | 153-35 | 153-34 | 431-302 | 12-14v | 0.22 | D | BB | Green | 153 after 1950 |
| 154-18 | 154-18 | 154-16 Lionel Subst | 1449-301 | 12v 14v | 0.20 | D | SB | Red | 45, 154 prior to 1950 |
| 156-13 | 156-13 | 153-32 | 50-300 | 8v | 0.22 | D | SB | Clear | 156 |
| 165-53 | 165-53 | 165-51 | 1456-301 | 18v | 0.25 | D | BB | Red | 165 |
| 315-20 | 315-20 | 152-29 Lionel Sub6 | 431-300 | 12v 14v | 0.25 0.25 | D D | SB SB | Clear Clear | 315 Same |
| 394-10 | 394-10 | 394-11 | 461-300 | 12-14v | 0.33 | G | SB | Clear | Dimpled Bulb for 394 |
| 408-45 | 408-45 | 408-38 | 432-302 | 18v | 0.25 | D | SB | Green | 022C, 711C |
| 616-13 | 616-13 | 154-17 | 1449-300 | 12v | 0.20 | D | SB | Clear | 001, 002, 003, 004, 45N, 201, 203, 227 228, 230, 231, 232, 233, 616, 616W, 636W, 701, 701T, 1656, 1662, 1663, 2201T, 2201B, 2203T, 2203B, 2227T, 2227B, 2228B, 2228T, 2230B, 2232B, 2233B, 2230T, 2231B, 2231T |
| 717-54 | 717-54 | 717-53 | 1456-300 57-300 | 18v 12-16v | 0.25 0.25 | D | BB | Clear | 717, 717K, 2957, 313 |
| 752-9 | 752-9 | 752-7 | 1447-300 | 18v | 0.15 | D | SB | Clear | 022, 042, 700, 700K, 35, 711, 721, 731, 752W, 763 |
| 1506-8 | 1506-8 | 1506-8 | n/a | 13 v | 0.05 | Flat | SB | Clear | 203 |
| 2026-58 | 2026-58 | 2026-57 | 1445-300 | 18v | 0.15 | D | BB | Clear | 2026, 2333P, 2333T |
| 2420-20 | 2420-20 | 64-14 | 1402-300 | 14v | 0.20 | P | MSB | Clear | 2420, 6420 |
| Q-90 | Q-90 | Q-21 | 51-300 | 6-8v | 0.22 | D | BB | Clear | Q, R, V & Z Transformers |
| L0961 | N/A | 0961-301 | N/A | 12-16v | 0.10 | D | PT | Red | 0961 |
| L0214 | N/A | 0214-300 | N/A | 12v | 0.08 | T4.5m | SB | Clear | 1957 HO Locomotives |
| L12 | N/A | 12-300 | N/A | 6.3v | 0.15 | D | 2 pin | Clear | 195, 233, 236, 350C, SW transformer |
| L12(R) | N/A | 12-301 | N/A | 6.3v | 0.15 | D | 2 pin | Red | 253 |
| L12(G) | N/A | 12-302 | N/A | 6.3v | 0.15 | D | 2 pin | Green | 253 |
| L13 | N/A | 13-300 | N/A | 3.7v | 0.30 | D | SB | Clear | 3200 |
| L19 | N/A | 19-300 | N/A | 14v | 0.10 | D | 2 pin | Clear | 68, 76, 112, 243, 247, 746, 3540, 3545, 0564-5-6-7, 0581, 0591, 0596, 0597-8 and all 1959 HO Locomotives |
| L19(W) | N/A | 19-303 | N/A | 14v | 0.10 | D | 2 pin | White | 75 (bulb can be frost colored) |
| L19(R) | N/A | 19-301 | N/A | 14v | 0.10 | D | 2 pin | Red | 44, 45, 148, 350, 353, 0805 |
| L19(G) | N/A | 19-302 | N/A | 14v | 0.10 | D | 2 pin | Green | 148, 353 |

| Original Catalog No. | Boxed Bulb Part No. | Lamp only Stk No. | Replaces Part Number | Volts | Amp | Bulb Shape | Base Type | Color | Where Used (Postwar) (for items produced 1946 and after) |
|----------------------|---------------------|-------------------|----------------------|--------|------|------------|-----------|-------|---|
| L47 | N/A | 47-300 | N/A | 6.3v | 0.15 | T | BB | Clear | 0712-3-4-5 |
| L50 | N/A | 50-300 | 156-13 | 6-8v | 0.22 | D | SB | Clear | 156, 235, 320, 1, 2, 3 |
| L50(R) | N/A | 50-301 | 153-23 | 6-8v | 0.22 | D | SB | Red | 153 Prior to 1950 |
| L50(G) | N/A | 50-302 | 153-24 | 6-8v | 0.22 | D | SB | Green | 153 Prior to 1950 |
| L51 | N/A | 51-300 | Q-90 | 6-8v | 0.22 | D | BB | Clear | 157, 193, 245-6, 299, 395, 410, 1001, 1050, 1110, 1120, 6110, 2400 Series Passenger Cars and all transformers except for the LW, SW & TW |
| L53 | N/A | 53-300 | | 12-16v | 0.10 | D | BB | Clear | 0102, 0145, 0181, 0880, 60, 71, 91, 114, 118, 128, 133, 151, 175, 192, 202-4-5, 364, 415, 452, 456, 602, 611-13-14-16, 625-6-7-8-9, 1122, 1122C, 3512 and LW & TW transformers |
| L53(R) | N/A | 53-301 | N/A | 12-16v | 0.10 | D | BB | Red | 140, 153 (1950 and later), 154 (1950 and later), 155, 450, 450L, 452 |
| L53(G) | N/A | 53-302 | N/A | 12-16v | 0.10 | D | BB | Green | 153 (1950 and later), 450, 450L |
| L55 | N/A | 55-300 | N/A | 7v | 0.40 | D | BB | Clear | 6557 |
| L57 | N/A | 57-300 | 55-300 431-300 | 12-16v | 0.20 | D | BB | Clear | 52, 132-3, 208-9-10-12-16-17-18, 224P, 225P, 229P, 230P, 231P, 334, 400-4, 665, 685, 1055, 1065, 1615-25, 2028, 2055-65, 2321-31-32-41, 2328-37-38-39-48-49-59, 2329, 2350-51-52-58-59, 2550, 2559, 3434-5, 6434, 6517, 6657, 1875, 1875W, 1876 and all 2500 series pass cars |
| L131 | N/A | 131-301 | N/A | 1.3v | 0.10 | D | SB | Red | 3251-2 |
| L161 | N/A | 161-300 | N/A | 12v | 0.10 | L | pigtail | Clear | 68, Late HO Locos and MPC Engines |
| L191 | N/A | 191-300 | N/A | 16v | 0.05 | T | MFB | Clear | 1958 HO Locos, 0054-5-6-7-8, 0545, 0602, 0625, 0635, 0642, 1862, 1872 |
| L216 | N/A | 216-300 | N/A | 16v | 0.08 | P | MSB | Clear | 1957 HO Locos, 0494 |
| L257 | N/A | 257-300 | 57-300 | 14v | 0.25 | D | BB | Clear | 52 optional bulb |
| L363 | N/A | 363-300 | 151-51 | 14v | 0.20 | D | BB | Clear | 26, 70, 145, 246, 249, 250, 252, 256, 260, 365, 445, 455, 465, 494, 622-3-4, 1130, 2023, 2031-2-3-4, 3512, 3520-30, 3535, 3620, 3650, 6220-50, 6520, 6822 |
| L402 | N/A | 402-300 | N/A | 12v | 0.25 | T | pigtail | Clear | 199, 299, 6805 |
| L430 | N/A | 430-300 | 27-3 | 14v | 0.25 | D | SB | Clear | 164, 221, 224, 1101, 1121 prior to 1949 1121C prior to 1950, 1654-5-6, 1666, 2440-1-2-3, 2600-1-2, 2640-1-2-3, 6440-1-2-3 |
| L430(R) | N/A | 430-301 | 79-23 | 14v | 0.25 | D | SB | Red | 79, 0072C, 1025 |
| L430(G) | N/A | 430-302 | 27-6 | 14v | 0.25 | D | SB | Green | 0027C |
| L431 | N/A | 431-300 | 315-20 | 14v | 0.25 | D | BB | Clear | 257, 315, 356, 1121 (1949 and later), 1121C (1950 and later), 2357, 2457, 4357, 4457, 6357, 6417, 6427, 6457, |
| L431(R) | N/A | 431-301 | 152-33 | 14v | 0.25 | D | BB | Red | 152, 153 |
| L431(G) | N/A | 431-302 | N/A | 14v | 0.25 | D | BB | Green | 153 |
| L432 | N/A | 432-300 | 28-3 | 18v | 0.25 | D | SB | Clear | 80N, 82N, 92, 99N, 115-6-7, 120L, 134, 136-7, 164, 189, 191, 263, 437, 438, 440N, and all Std Gauge Locos & Cars |

BULB SUBSTITUTION LIST

| Old Bulb No. | Volts | Shape | Color | Base | New Bulb No. | Volts | Shape | Color | Notes & Comments |
|--------------|--------|-------|------------|-------|---------------------|-------|-------|---------|---|
| 0072-70 | 12v | G | Yellow | SB | 1447-304 | 12v | D | Yellow | |
| 0214-300 | 12v | T4.5m | Clear | SB | 5101-139 | 12v | P | Clear | |
| 0961-301 | 12-16v | G | Red | PT | | | | | Special Bulbs are in stock-please call |
| 12-300 | 6.3v | G | Clear | 2 pin | None | | | | |
| 12-301 | 6.3v | G | Red | 2 pin | None | | | | |
| 12-302 | 6.3v | G | Green | 2 pin | None | | | | |
| 13-300 | 3.7v | G | Clear | SM | 50-300 | 6-8v | D | Clear | |
| 19-300 | 14v | G | Clear | 2 pin | None | | | | |
| 19-301 | 14v | G | Red | 2 pin | None | | | | |
| 19-302 | 14v | G | Green | 2 pin | None | | | | |
| 19-303 | 14v | G | White | 2 pin | None | | | | 19-303 can be frost colored |
| 27-1 or 3 | 12v | G | Clear | SB | 430-300 | 12v | D | Clear | |
| 27-6 | 12v | G | Green | SB | 430-302 | 12v | D | Green | |
| 28-1 or 3 | 18v | G | Clear | SB | 432-300 | 18v | D | Clear | |
| 29-2 or 3 | 18v | G | Yellow | SB | 1447-304 | 18v | D | Yellow | |
| 39-1 or 3 | 12v | C | "notes" | SB | 1441-303 | 12v | C | "notes" | Bulb can be Frosted, Satin White or White Gloss |
| 40-1 or 3 | 18v | C | "notes" | SB | 1442-303 | 18v | C | "notes" | Bulb can be Frosted, Satin White or White Gloss |
| 45-70 or 76 | 6-8v | G | Red | SB | 50-301 | 6-8v | D | Red | |
| 47-40 or 73 | 18v | F | Red | MSB | 1402-301 or 47-73 | 14v | F | Red | |
| 47-62 | 14v | F | Red | MSB | 1402-301 | 14v | F | Red | |
| 47-300 | 6.3v | T | Clear | BB | None | | | | |
| 50-300 | 6-8v | G | Clear | SB | None | | | | |
| 50-301 | 6-8v | G | Red | SB | None | | | | |
| 50-302 | 6-8v | G | Green | SB | None | | | | |
| 51-300 | 6-8v | G | Clear | BB | None | | | | |
| 53-300 | 12-16v | G | Clear | BB | None | | | | |
| 53-301 | 12-16v | G | Red | BB | None | | | | |
| 53-302 | 12-16v | G | Green | BB | None | | | | |
| 54-15 | 14v | X | White | MSB | 452-303 | 14v | E | White | |
| 55-300 | 12-16v | G | Clear | BB | 57-300 | 12v | D | Clear | |
| 57-300 | 12v | G | Clear | BB | None | | | | |
| 63-10 or 11 | 18v | B | Opal/White | SB | 451-303 | 18v | B | White | |
| 64-14 | 14v | P | Clear | MSB | 1402-300 or 2420-20 | 14v | P | Clear | Either 1402-300 of 2420 can be used |
| 64-15 or 25 | 12v | X | Opal | MSB | 452-303 | 14v | E | White | |
| 64-26 | 12v | C | Opal | SB | 451-303 | 18v | C | White | |

| Old Bulb No. | Volts | Shape | Color | Base | New Bulb No. | Volts | Shape | Color | Notes & Comments |
|--------------|--------|-------|--------|---------|--------------|-------|-------|-------|----------------------------------|
| 79-23 | 12v | G | Red | SB | 430-301 | 14v | D | Red | |
| 118L-6 | 12v | G | Red | SB | 430-301 | 14v | D | Red | |
| 119L-3 | 18v | G | Red | SB | 432-301 | 18v | D | Red | |
| 130L-11 | 12v | G | Green | SB | 430-302 | 14v | D | Green | |
| 131-301 | 1.3v | G | Red | SB | None | | | | |
| 151-50 or 51 | 12-14v | G | Clear | BB | 363-300 | 14v | D | Clear | |
| 152-29 | 12v | G | Clear | SB | 431-300 | 14v | D | Clear | |
| 152-32 or 33 | 12v | G | Red | BB | 363-301 | 14v | D | Red | |
| 153-20 or 24 | 6v | G | Green | SB | 50-302 | 6v | D | Green | |
| 153-21 or 23 | 6v | G | Red | SB | 50-301 | 6v | D | Red | |
| 153-32 or 33 | 12v | G | Red | BB | 431-301 | 14v | D | Red | |
| 153-34 or 35 | 12v | G | Green | BB | 431-302 | 14v | D | Green | |
| 154-16 or 18 | 12v | G | Red | SB | 1449-301 | 14v | D | Red | |
| 154-17 | 12v | G | Clear | SB | 1449-300 | 14v | D | Clear | Same as 616-13 |
| 156-13 | 8v | G | Clear | SB | 50-300 | 6v | D | Clear | |
| 161-300 | 12v | G | Clear | 2 Pin | N/A | 14v | X | Clear | Late GP7/9 MPC Production |
| 165-51 or 53 | 18v | G | Red | BB | 1456-301 | 18v | D | Clear | |
| 191-300 | 16v | T | Clear | MFB | None | | | | |
| 216-300 | 16v | P | Clear | MSB | 1402-300 | 14v | P | Clear | Be careful of voltage difference |
| 257-300 | 12v | G | Clear | BB | 57-300 | 12v | D | Clear | |
| 315-20 | 14v | G | Clear | BB | 431-300 | 14v | D | Clear | 315-20 is same as 152-29 |
| 363-300 | 14v | G | Clear | BB | None | | | | |
| 363-301 | 14v | G | Red | BB | None | | | | |
| 363-302 | 14v | G | Green | BB | None | | | | 153 |
| 394-10 or 11 | 14v | D | Clear | SB | 461-300 | 14v | D | Clear | Dimpled bulb for 394 |
| 402-300 | 12v | T | Clear | pigtail | 402-300 | 12v | T | Clear | Flashing bulb |
| 408-35/38/45 | 18v | G | Green | SB | 432-302 | 18v | D | Green | |
| 430-300 | 14v | G | Clear | SB | None | | | | |
| 430-301 | 14v | G | Red | SB | None | | | | |
| 430-302 | 14v | G | Green | SB | None | | | | |
| 431-300 | 14v | G | Clear | BB | 57-300 | 14v | D | Clear | |
| 431-301 | 14v | G | Red | BB | None | | | | |
| 431-302 | 14v | G | Green | BB | None | | | | |
| 432-300 | 18v | G | Clear | SB | None | | | | |
| 432-301 | 18v | G | Red | SB | None | | | | |
| 432-302 | 18v | G | Green | SB | None | | | | |
| 432-303 | 18v | G | Yellow | SB | None | | | | |
| 451-303 | 18v | B | White | SB | None | | | | |
| 452-303 | 14v | X | White | MSB | None | | | | Can be white or opal color |

