

## BLUE BIRD

# RUST PROOFING

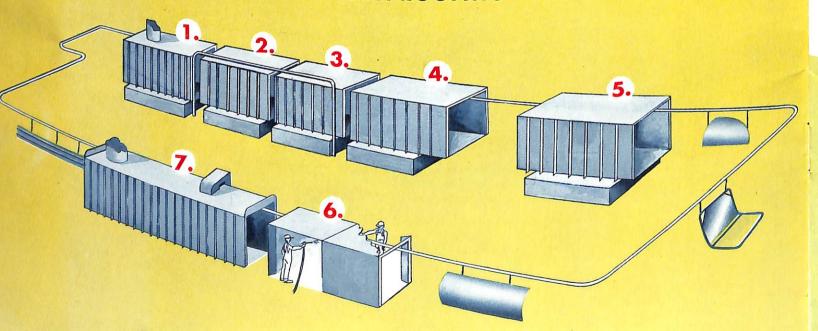
## Safeguards your investment



YES . . . EVERY
BLUE BIRD BODY
MAKES THIS TRIP
. . . PIECE BY PIECE

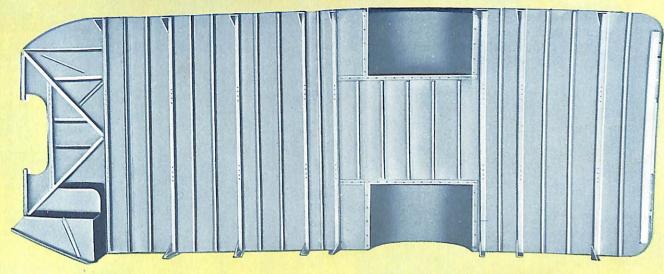
- Hundreds of nozzles deliver a shower bath of intensely hot phosphate solution which is preheated in giant vessels. This solution thoroughly cleanses every single part of a Blue Bird Bus.
- 2. The second chamber repeats the process of the first to insure absolute removal of all grease and dirt.
- A hot, forced steam and water rinse washes away all acid solutions used in operations one and two.
- A hot chromic acid solution bath is applied to all metal parts—this microscopically etches the surface of each part to condition it for primer paint coat.
- 5. All parts pass through hot air ovens where every trace of moisture is removed.
- 6. Special rust inhibiting primer is sprayed on all surfaces.
- 7. The protective coating of paint applied to all surfaces is heat sealed. A rustproof, enduring finish is assured for every part, even on overlapping surfaces.

## BLUE BIRD'S RUSTPROOFING ROUTE



This process is widely used throughout the automotive and truck manufacturing industry.

BLUE BIRD BODY COMPANY • FORT VALLEY, GEORGIA



Maximum floor strength is obtained only with full width U-shaped reinforcements welded from EDGE TO EDGE underfloor—A BLUE BIRD FEATURE

## RUGGED STRENGTH OF BLUE BIRD BODIES BEGINS UNDER THE FLOOR

Heavy Gauge narrow sections of steel plate are die formed for floor. These floor plates are lock riveted together. Underfloor U-shaped cross members are welded the full width of floor . . . THIS TYPE OF REINFORCING IS RECOGNIZED AS THE STRONGEST METHOD USED.

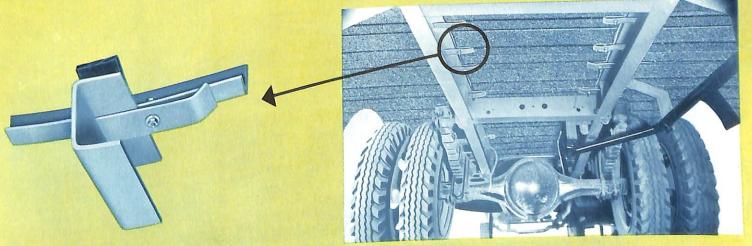
Be sure to look under the floor of any school bus carefully before buying.



Short reinforcements mean weak floors

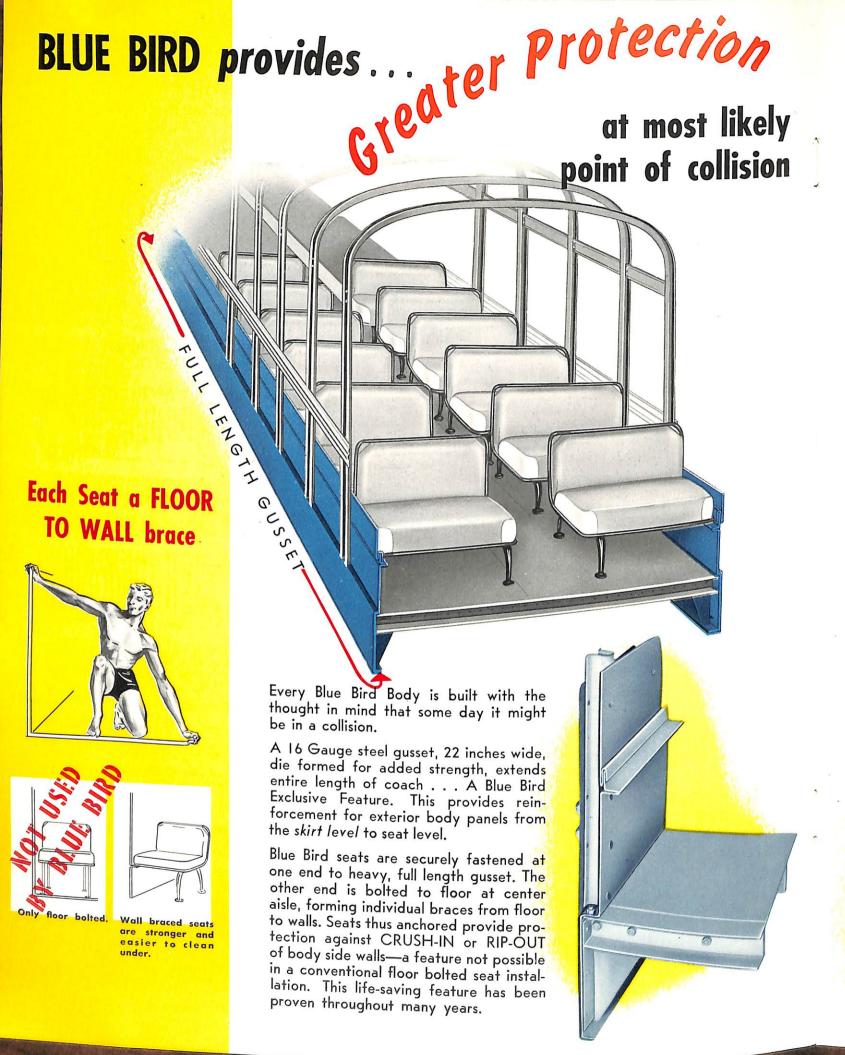


Blue Bird's full width underfloor reinforcements—MAXIMUM STRENGTH



eavy Spring Steel Clip and Lock Bolt securely
asten body to rubber cushioned frame

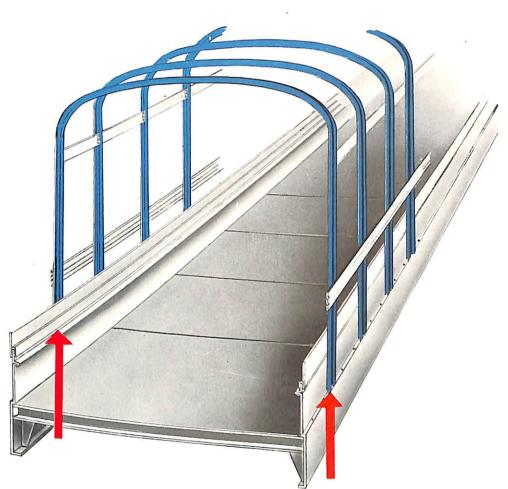
A thorough rubberized coating is sprayed on the underfloor for insulation and additional rust prevention



**BLUE BIRD** 

# ONE PIECE

ARCH BOW CONSTRUCTION



#### If you were selecting archery equipment would you want a spliced bow or the one-piece type? The one-piece bows are stronger.



## GIVES MAXIMUM STRENGTH AND PASSENGER SAFETY

Cold rolled 14 Gauge steel is rolled formed into a U-shaped one piece arch bow. This single piece bow has no bolts to work loose or shear off, no welds to crystallize and break. Like the hoops of a barrel there are no weak spots in a one piece bow.

Blue Bird's original one-piece bows are triple-riveted into side gussets which are lock-bolted to the reinforced floor.



Blue Bird's 70-inch Head Room provides complete comfort for the large high school pupils.

A low center of GRAVITY is maintained at the safest possible level.

## WHY BLUE BIRD SEATS OUTLAST OTHERS



side the 1-inch steel tubular frame at the point of greatest strain.





floor thus they withstand vibration better.

UNITY IN CONSTRUCTION and RIGID ANCHORING



Beautiful

ALL NEW INTERIORS

PROVIDE GREATER COMFORT AND DURABILITY

BLUE BIRD KOROSEAL or NAUGAHYDE up-holstered seats combine rugged durability with a wide variety of pleasing color combinations. This heavy Plastic Coated fabric is easy to clean . . . stays flexible, does not crack or rip.

INTERIOR PAINT finish combine a pastel with dark trim in a harmonizing combination.

FLOOR COVERING under seats is Mastipave ... the isles are covered with Armstrong Ribbed Automat.



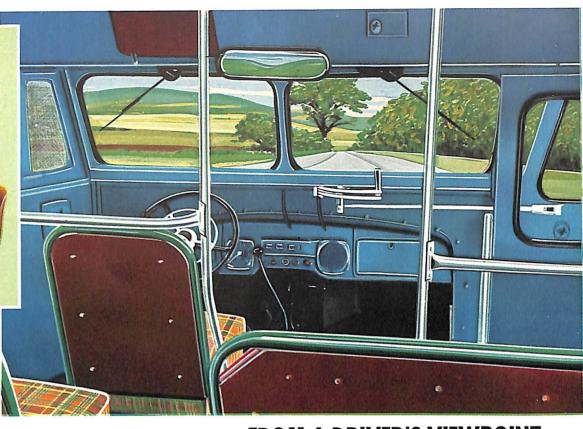
Driver's seat is a Modified Bucket Type. It has extra heavy padding under Matching Art Leather. Easy adjustment features are designed for driver comfort.



Outside full-lenth rear view mirror on adjustable brackets is easy to reach through sliding window.



BLUE BIRD'S EXCLUSIVE screened driver's vent. Easy to operate from inside.



## FROM A DRIVER'S VIEWPOINT

**Driver Comfort and Conven**ience is Stressed By Blue Bird

Dual windshield wipers • Sun visor • Large interior rear view mirror • Convenient rustproof stainless steel entrance rails and stanchion • Easy to reach light switch panel • Fuses are accessible from inside.



79,000 B.T.U. Fresh Air Heaters, with Defroster. Controlled from switch panel.



COMPLETE, EASY-TO-USE PARTS CATA-LOGUE is included with each bus. BODY REPAIR PARTS, in event of accident, can be shipped in 24 hours from receipt of order.

## BLUE BIRD POP-UP SEATS are soundly engineered for safe auxiliary seating



MORE TO THE ROW

1 OR 2 OR 3

Blue Bird's Pop-Up seats when not in use appear as arms on the conventional Blue Bird Seat and do not minimize seating capacity nor aisle space. When lowered into position Blue Bird Pop-Up seats furnish continuous seating from side wall to side wall. When an occupant of a Blue Bird "Pop-Up" Seat arises the seat automatically springs back to its original position, leaving the aisle clear for safe exit. With BLUE BIRD Pop-Up Seats, a standard forty-two passenger bus increases its load capacity up to sixty-three.

## Specifications . . .

Body Dimensions: Inside Height 70"; Inside Width 901/2"; Outside Width 96". Body Weights: See table below.

Rust Proofing: Exposed and overlapping parts are thoroughly cleansed in all-mechanical system with special chemical solutions. Subsequently they are phosphate coated and microscopically etched for double primer paint adhesion. Unexposed frame members primed in accordance with first class commercial practice. commercial practice.

Floor: Die Formed hot rolled steel sheets double reinforced with full width "U" channel auxiliary cross members. Mastipave for underseat and Armstrong ribbed Automat for aisle are materials supplied for coach interior floor cover. Rubber floor mat for driver.

Side Panels: Fabricated from 20-gauge steel outside side panels are reinforced in the collision zone from passenger seat level to skirt with 16-gauge die formed 22" wide steel gusset plates. Interior lining panels are 22-gauge steel.

Impact Rails: Fabricated for maximum strength are reinforcement impact rail members. One is mounted at seat level, one at floor level.

Roof: Exterior roof panels of 20-gauge cold rolled steel are overlapped and double riveted to 14-gauge cold rolled "U" channel one piece bow members to form box type construction. Interior roof lining is of 22-gauge cold rolled steel sheats rolled steel sheets.

Insulation: Unexposed surfaces of interior and exterior panels are thoroughly coated with sound deadening and insulating material, Insulmat. Roof is further insulated with special fiber insulating material which fills all dead air space between lining and outside roof panels. Underbody is thoroughly undercoated.

Painting: After rust proofing and double priming, body is spray painted with finest enamels in accordance with first class commercial practice. Paints are bake dried for long lasting adhesion.

Wiring: Thosework

Wiring: Thoroughly insulated automotive wiring is used throughout electric system. Circuits are fused separately and located for easy driver accessibility.

Doors: Finteness experience of the property of th Doors: Entrance door is two piece quick-acting type with manual control, securely hung with piano hinge. Emergency door is of one piece design, located for rear exit when necessary. Safety latch prevents unrequired opening.

Ventilation: Evans type exhaust roof ventilator at front of coach to automatically draw off stale air.

Windows 5.

Windows: Safety sheet glass is used throughout side window installations. Split and drop sash window frames are available.
Seats: Made of the safe of

Seats: Made of one inch tubular steel of special Blue Bird design, all seats are deep padded spring cushioned with padded backs and richly upholstered with genuine Koroseal.

**Driver's Seat:** Adjustable driver's seat has heavy spring made cushion and padded back with heavy duty Koroseal upholstery.

Sun Visor: Oversized driver's sun visors of sturdy 2-arm type are standard

euipment.

Rear Vision: Large non-glare mirrors are securely placed for driver use.

One is located inside over windshield; one is outside left hand driver's window. Stop Sign: Moline gear operated stop arm is standard equipment.

Lights & Reflectors: Cluster and marker lights are supplied in accordance with state specifications. Dome lamps and stepwell light are standard equipment. Six reflectors are standard.

Windshield Wipers: Dual vacuum operated heavy duty windshield wipers equip each Blue Bird for inclement weather visibility.

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Stanchions & Grabrails: Stainless steel is employed throughout for entrance door and interior vertical and horizontal stanchions (2 horizontal, 2 vertical stanchions located just to rear of driver.)

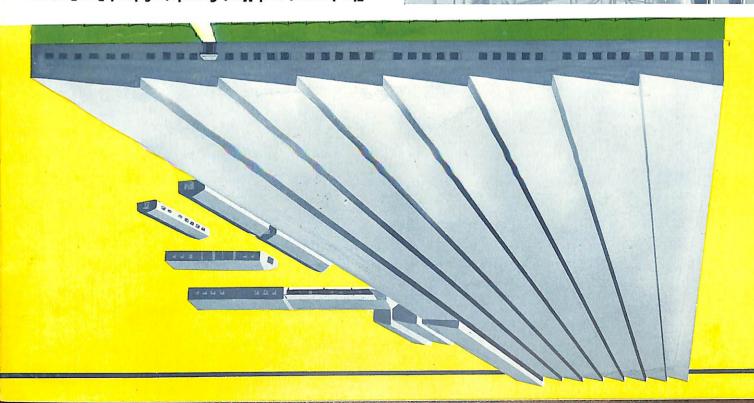
### OPTIONAL EQUIPMENT AVAILABLE

Flags and Flares Heaters Buzzer or Chime Signal Stop Lights Reflectors Baggage Rack Compartments Destination Sign Directional Signal Lights Electric Defroster Fans Emergency Door Alarm Roof Luggage Racks Chassis Frame Extension Genuine Leather Upholstery Fire Ax First Aid Kits Fire Extinguisher

Table showing body models, dimensions, seating capacity, seat spacing, recommended chassis wheel base dimensions and approximate weights. For complete information on chassis refer to chassis chart. Approx. Body

Body Model	Body Length	Rows	Seating Capacity	Seat Spacing	Chassis Wheelbase Required	Seats, Fully Equipped
53140 53164 531611	14'-0'' 16'-4'' 16'-11''	Seats 4 5 6 7 8 8 9 9 10	24 30 36 42	33.00'' 31.75 26.80 25.83	137" 161" 179" 179" 199" 212" 212" 235" 235" 251" 250" 270"	3050 3450 3550 3850
53188 53193	18'-8'' 19'-3''		36 42 48	31.12 27.00 26.50		3950 4250
53210 53217 53234	21'-0'' 21'-7'' 23'-4''		48 54	27.14 26.38 27.25 30.00 26.55 29.60 27.33 26.70		4350 4650 4750
532311	23'-11''		54 48 60			5050
53258	26'-3''	9 10 11 11 12 12	54 60 66			5150 5450
53280 53287 53292 53304	28'-0'' 28'-7'' 29'-2'' 30'-4''		66 72 72	27.40 25.55 26.81		5550 5650 5850

BLUE BIRD BODY COMPANY . FORT VALLEY, GEORGIA



The Largest and Most Complete School Bus Factory in the South

Precision Made

LARGE AND MODERN MACHINERY strong parts.

When these precision parts are assembled into a Blue Bird Body you have the finest in Safe School Transportation, and a Sound Investment.

