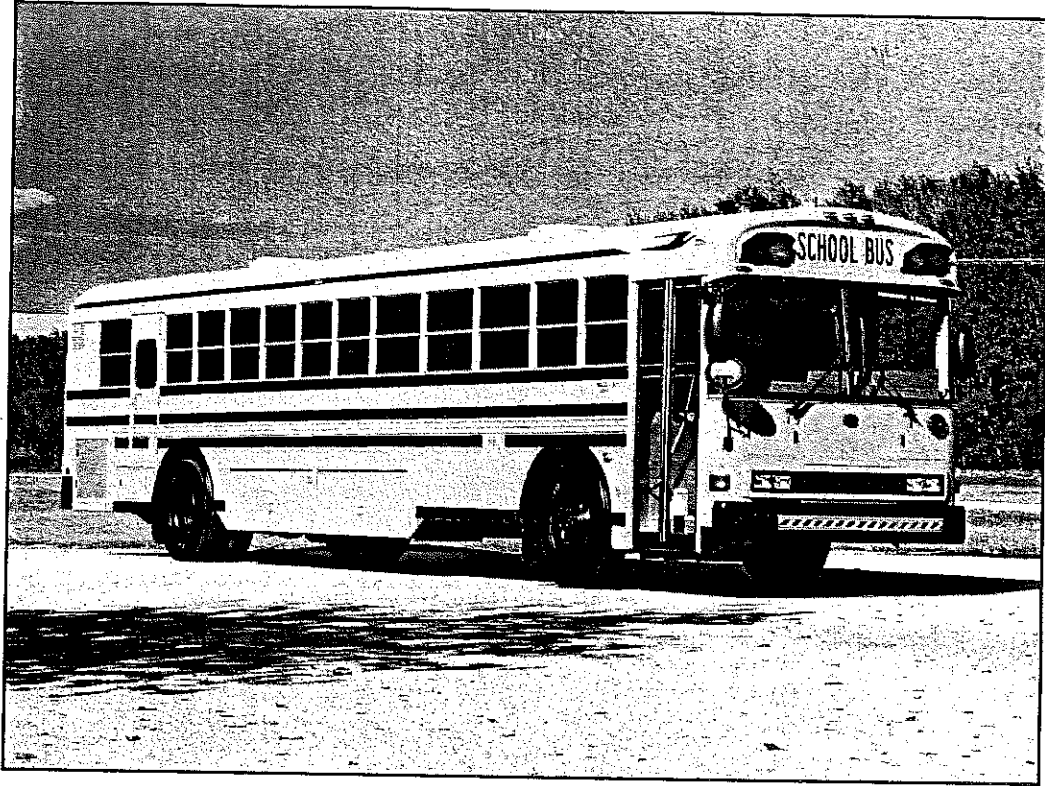




Vehicle Attachment 4a
2002 Operators Manual for All American School Buses

Gray Summit, MO
HWY-10-MH-018

(4 pages)



ALL AMERICAN FORWARD AND REAR ENGINE MODELS

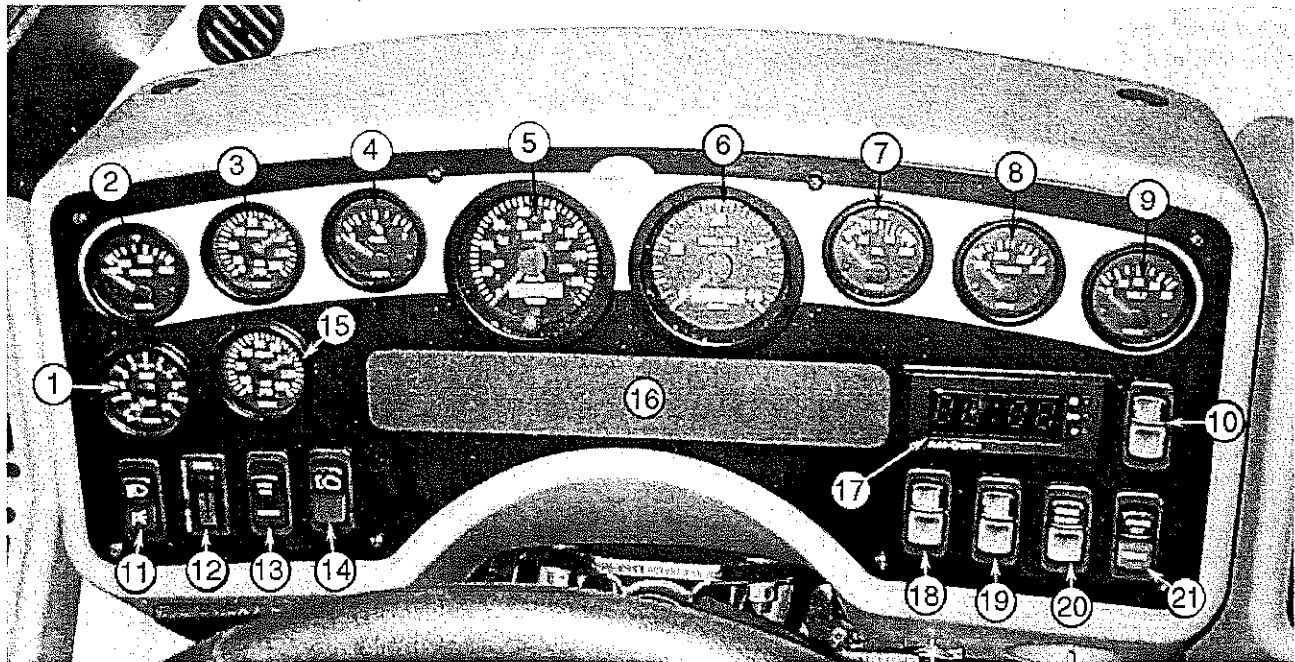
2002

Operator's Manual



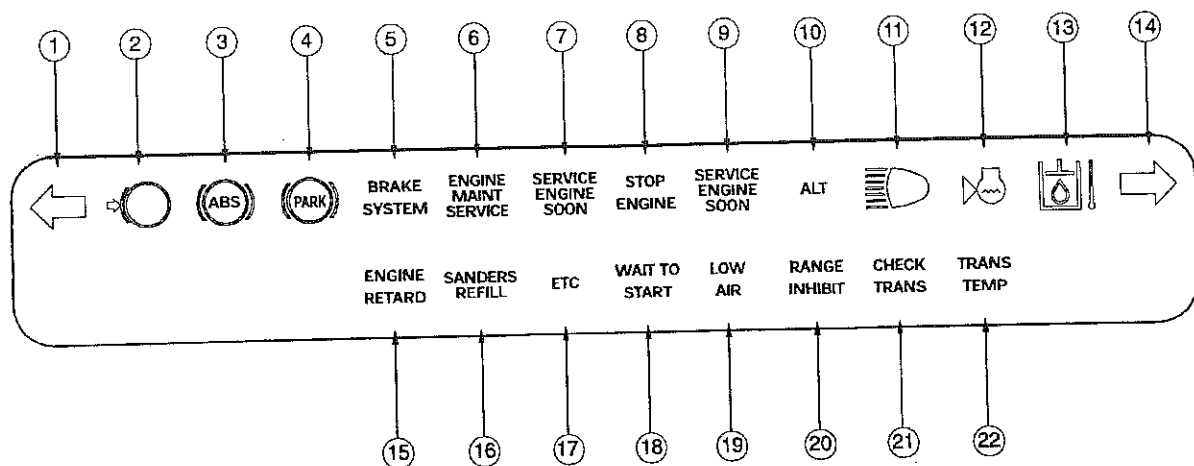
BLUE BIRD

INSTRUMENT PANEL AND CONTROLS



DASH AND INSTRUMENT PANEL

1. Ammeter—Indicates battery charge and discharge.
2. Transmission Fluid Temperature Gauge—Indicates transmission temperature.
3. Front Air Gauge—Indicates air pressure in front brake reservoir.
4. Fuel Gauge—Indicates fuel level.
5. Speedometer—Indicates vehicle speed.
6. Tachometer—Indicates engine speed.
7. Oil Pressure Gauge—Indicates engine oil pressure.
8. Coolant Temperature Gauge—Indicates engine coolant temperature.
9. Voltmeter—Indicates electrical system voltage.
10. Transmission Retarder Switch—Activates transmission retarder function.
11. Headlight Switch—First position activates front parklights and rear taillights. Second position activates front parklights, rear taillights, and headlights.
12. Dimmer Switch—Adjusts light level on instrument panel.
13. High Idle Switch—Sets engine at high idle speed.
14. Low Idle Adjustment (Cummins ISB and ISC engines)—Low engine idle speed can be adjusted between 700 and 875 rpm. The operator adjusts this speed in increments of 25 rpm, and the new idle speed is saved when the key switch is turned off.
15. Rear Air Gauge—Indicates air pressure in rear brake reservoir.
16. Indicator Light Panel—See **INDICATOR LIGHT PANEL**.
17. Clock—Digital.
18. Sanders—Operates sanders function.
19. Secondary Shift—Activates the transmission secondary shift function.
20. Cruise Control On/Off Switch—Activates or inactivates the cruise standby mode.
21. Cruise Set/Resume Switch—When vehicle reaches desired cruise speed, set speed by depressing the **SET** switch. When the vehicle drops below 30 MPH or brake pedal is depressed, the cruise returns to standby mode. To reactivate to preset speed, depress the **RESUME** switch.



INDICATOR LIGHT PANEL

1. Left Turn Directional—Green light indicates left turn.
2. Stop Light—Red light indicates that service brake is applied.
3. Anti-Lock—Amber light indicates fault in anti-lock brakes system (ABS).
4. Parking Brake—Red light indicates that parking brake is engaged.
5. Brake System—Red light indicates that hydraulic brake pressure is below safe limits.
6. Engine Maintenance Service—Amber light indicates need for regular routine maintenance.
7. Service Engine Soon—Amber light indicates that engine requires service soon.
8. Stop Engine (Optional)—Red light indicates that engine must be stopped immediately.
9. Service Engine Soon (Alternate position)—May appear in this position depending on options package.
10. Alternator—Amber light indicates malfunction in alternator in dual-alternator option.
11. High Beams—Blue light indicates that headlights are in High Beam.
12. Low Coolant Level—Amber light indicates that coolant is low.
13. Hydraulic Oil Temp—Amber light indicates that the hydraulic oil temperature is out of limits.
14. Right Turn Directional—Green light indicates right turn.
15. Engine Retard (Optional)—Red light indicates that the engine retarder is engaged.
16. Sanders Refill—Red light indicates that sand quantity is low.
17. Traction Control (Optional)—Amber light indicates that traction control is engaged.
18. Wait to Start—Green light indicates engine preheating. Wait until it turns off before starting engine.
19. Low Air—Red light with buzzer indicates that air brake pressure is low.**
20. Range Inhibit—Amber light indicates that transmission is restricting shifts.
21. Check Transmission—Red light indicates that transmission requires service.
22. Transmission Temperature—Amber light indicates that transmission temperature is out of limits.

**** WARNING: In the case of a brake system failure, a warning buzzer will sound and warning light illuminate, indicating trouble. The coach must not be operated under these conditions, but be repaired before continuing operation.**

TILT AND TELESCOPIC STEERING

To adjust steering wheel position, use the tilting lever located on the left side of steering column. Press lever downward to tilt column into desired position. To raise or lower the steering wheel position, pull up on the tilting lever. This will enable you to raise or lower the steering wheel to the desired position.