

INDEX

A

- Accelerator Control, Air. *See* Treadle Valve (E-8P)
- Accelerator Control, Electronic 734
 - Testing 736
- Air Dryer 368
- Air Filter. *See* Intake / Exhaust
- Air Restriction Indicator 695
- Alternator
 - Belt Tensioner 825
 - Cable Tests 821
 - General Specs 21, 32
 - Performance Test 821
 - Removal 823
- Antilock Brake System (ABS), Air
 - ABS Modulator Valve (M-32QR) 380
 - EC-60 Controller 384
 - WS-24 Wheel Speed Sensor 382
- Antilock Brake System (ABS), Hydraulic
 - ABS Modulator 541
 - Electronic Control Unit (ECU) 545
 - Wheel Speed Sensors 543
- Appendixes
 - Using 17
- Axle & Suspension, Front 119
 - General Specs 21, 24, 32, 33, 37, 38
 - Maintenance 129
 - Ridewell 227 Front Air Suspension 126
 - SofTek Front Suspension 122
- Axle & Suspension, Rear 267
 - Comfort Air Rear Suspension 274, 276
 - General Specs 24
 - Installation 284
 - Maintenance 269
 - Removal 282
 - Ridewell Rear Suspension 278
 - Softek Rear Suspension 270
- Axle, Front 21

B

- Batteries
 - General Specs 22, 33
- Belts
 - Routing Diagram 339, 340, 341, 342
 - Tensioner 825
- Blue Bird
 - Blue Bird Dealer 13
 - Parts Sales 14
 - Training 14
 - Warranty 14
- Body
 - Body Electrical 811. *See also* Electrical; *See also* Electrical Schematics
 - Body Glass 983
 - Door Panel Glass Replacement 995
 - Rear Vision Glass Replacement 985
 - Transist Window Glass Replacement 986
 - Body Tie Downs 97
 - Entrance Door 988
- Body Finish 1005
- Booster 538
- Brakes, Air 351
 - Air Compressor 365
 - Air Dryer 368
 - Air Tanks 371
 - Brake Interlock, Air 363
 - Brake Shoes & Drums 396
 - D2 Governor 366
 - E-8P Treadle Valve 373
 - EC-60 ABS Controller 384
 - Flow Diagram 353, 357, 359, 360
 - Front Brake Chambers 385
 - General Specs 22, 33
 - M-32QR ABS Modulator Valve 380
 - Maintenance 364
 - PP-1 Park Brake Control Valve 379
 - QR-1H Quick Release Valve 377
 - R-12 Relay Valve 375
 - Rear Brake Chambers 387
 - Releasing For Towing 53
 - Slack Adjusters 391
 - Wheel Ends 394, 395
 - WS-20 ABS Wheel Speed Sensor 382

Brakes, Hydraulic 531

- ABS Modulator 541
- Booster 538
- Brake Interlock, Hydraulic 562
- Brake Pads 549
- Brake Rotors 550
- Brakes Maintenance Chart 532
- Calipers 548
- Electronic Control Unit (ECU) 545
- General Specs 22
- Master Cylinder 536
- Wheel Ends 546, 547

Bumpers 104, 115

- General Specs 22, 33

C

Calipers 548

Chassis

- Chassis Electrical 819. *See also* Electrical Schematics

Compressor 365

Contacts

- Blue Bird TechPubs 16
- NHTSA 15

Coolants 668, 671

- Maintenance 669

Cooling System 651

- Cat C7-07 FE 656
- Cat C7-07 RE 662
- Coolant Filter 669
- Cumm ISB-07,ISC-07 RE 664
- Cumm ISB-07 Hi-Torq FE 658
- Cumm ISB-07 Lo-Torq FE 660
- Fan Clutch 688
- Flush 684
- General Specs 22, 34
- Hydraulic Fan Drive 690, 693
- JD 8.1 RE 667
- Shutters 675

D

Dimensions 46, 47

Doors

- Door Panel Glass Replacement 995
- Door Panels 993
- Electric Door Opener 992
- General Specs 26, 39
- Interlink Adjustment 988
- Manual Door Control 990
- Outward Opening Entrance Door 988
- Pneumatic Door Opener 991

Doran Warning Light Monitor 811

Driveline 349

- General Specs 22, 34

Dryer, Air 368

E

ECU (ABS Controller)

- Air Brakes 384
- Hydraulic Brakes 545

Electrical

- Alternator Cable Tests 821
- Alternator Performance Test 820
- Charging System 819
- Doran Warning Light Monitor 811
- Starter 826
 - Ignition / Run Test 828*
 - Low Voltage Test 829*
 - Slow Cranking 830*

Electrical Schematics

- Body 813
- Chassis 834, 835
- Using 19

Engine

- Engine Trim
 - Cat C7-07 FE 338*
 - Cat C7-07 RE 340*
 - Cumm ISB-07 FE 339*
 - Cumm ISB-07 RE 341*
 - Cumm ISC-07 RE 342*
- General Specs 23, 34, 337



Exhaust

- Cat C7 FE Short WB 718
- Cat C7 RE 724
- Cum ISB-02 FE 720
- Cumm ISC RE 725
- JD 8.1 RE 726
- Rear Cat C7, Cumm ISB-02 FE 722

Exhaust System. *See* Intake / Exhaust

F

Fan Clutch 688

Fan Drive, Hydraulic 690, 693

Fluids & Filters 56, 58

Frame

- Bumpers & Tow Hooks 104, 115
- Chassis Frame 95, 100, 108
- Front Structure 102, 114
- Huck Fasteners 96

Fuel System 727

- Accelerator Control, Electronic 734
- Cat C7 & C7-07 FE 731
- Cat C7 & C7-07 RE 733
- Fuel Tank 730, 732
- General Specs 23, 36
- Throttle Position Sensor 734

G

General Specifications

- Body 26
- Chassis 21
- Dimensions 46, 47
- Fastener Grades 48

Glass 983

- Door Panel Glass Replacement 995
- Rear Vision Glass Replacement 985
- Split Sash Window Glass Replacement 984
- Transit Window Glass Replacement 986
- Windshield Glass Replacement 983

Governor, Air Compressor (D-2) 366

H

Heater/ Defroster

- General Specs 27, 40

I

Instruments 739

- General Specs 24, 36
- Schematics 743, 745
- Testing 741

Intake / Exhaust 695. *See* Exhaust

- Air Restriction Indicator 695
- Exhaust System 704
- Intake Tract
 - Cat C7 FE* 700
 - Cat C7 RE* 701
 - JD 8.1 RE* 702
- Maintenance 697
- Muffler Removal 716

Interlock

- For Air Brakes 363
- For Hydraulic Brakes 562

L

Lights

- General Specs 28, 40

M

Maintenance Schedules 60

- Forward Engine 61
- Rear Engine 77

Mirrors

- General Specs 28, 41

Modulator, ABS

- Hydraulic 541

Muffler. *See* Intake / Exhaust

P

- Pads, Hydraulic Brake 549
- Park Brake Control Valve (PP-1) 379
- Parking Brake
 - For Hydraulic Brakes 557, 558
- Perry Water Filter 672
- Pulse Width Modulation 734

Q

- Quick Release Valve (QR-1H) 377

R

- Radiator 679
- Relay Valve (R-12) 375
- Rotors, Hydraulic Brake 550

S

- Safety
 - Service Precautions 51
- Seating 997
 - Driver's Seat 997
 - General Specs 30, 43
 - Seat Belts & Shoulder Harnesses 1001
 - Track Mounted Passenger Seats 1000
- Shutters 675
 - Air 677
 - Hydraulic 676
- Slack Adjusters 391
- Starter 826. *See also* Electrical; *See also* Electrical Schematics
 - Removal 832
- Steering 915
 - General Specs 24, 37
 - Steering Gear 919
 - Steering Pump 920
- Stop Arms 996

Suspension & Front Axle 119

- Maintenance 129
- Ridewell 227 Front Air Suspension 126
- Softek Front Suspension 122

Suspension & Rear Axle 267

- Comfort Air Rear Suspension 274, 276
- Installation 284
- Maintenance 269
- Removal 282
- Ridewell Rear Suspension 278
- Softek Rear Suspension 270

T

Tanks, Air 371

TechReference CD

- Adobe Acrobat & PDFs 18
- Contents of 18
- Using 18

Tow Hooks 104, 115

Towing

- Jacking & Towing Procedure 53

Transmission

- Cooler 344
- Filter 344
- Maintenance Schedule 345
- Planetary Gears & Clutches 344
- Shift Cable Adjustment 347
- Torque Converter 344

Treadle Valve (E-8P) 373

W

Wheel Speed Sensors, ABS

- Air 382
- Hydraulic 543

Windows

- Latch Replacement 985
- Rear Vision Glass Replacement 985
- Split Sash Window and Glass Replacement 984
- Transit Sliding Windows 986

Windshield

- Glass Replacement 983