

# **AMERICAN LAFRANCE SERVICE MANUAL**

Models: Eagle Metropolitan®

#### **FOREWORD**

The purpose of this manual is to assist the service technician when the vehicle is serviced. Major drivetrain component service information is not included in this manual, but is located in each manufacturer's service manual.

Instructions and procedures are those recommended by American LaFrance LLC or the component manufacturer.

Maintenance schedules and additional service information are included in the *Condor*® *Maintenance Manual*.

IMPORTANT: Descriptions and specifications in this manual were in effect at the time of printing. American LaFrance LLC reserves the right to discontinue models at any time, or change specifications and design without notice and without incurring obligation.

For additional information, please contact American LaFrance LLC, 1090 Newton Way, Summerville SC 29483, or refer to www.condortrucks.com.

#### **ENVIRONMENTAL CONCERNS AND RECOMMENDATIONS**

Whenever you see instructions in this manual to discard materials, you should attempt to reclaim and recycle them. To preserve our environment, follow appropriate environmental rules and regulations when disposing of materials.

### **NOTICE: PARTS REPLACEMENT CONSIDERATIONS**

Do not replace suspension, axle, or steering parts (such as springs, wheels, hubs, and steering gears) with used parts. Used parts may have been subjected to collisions or improper use and have undetected structural damage.

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### **Descriptions of Service Publications**

American LaFrance LLC distributes the following major service publications.

**Workshop Manual** Workshop manuals contain service and repair information for all vehicle systems

and components, except for major components such as engines, transmissions, and rear axles. Each workshop manual section is divided into subjects that can include general information, principles of operation, removal, disassembly,

assembly, installation, specifications, and troubleshooting.

**Maintenance Manual** Maintenance manuals contain routine maintenance procedures and intervals for

> vehicle components and systems. They have information such as lubrication procedures and tables, fluid replacement procedures, fluid capacities, specifications, procedures for adjustments and for checking the tightness of fasteners. Mainte-

nance manuals do not contain detailed repair or service information.

Operator's Manual Operator's manuals contain information needed to enhance the driver's under-

> standing of how to operate and care for the vehicle and its components. Each manual contains a chapter that covers pretrip inspection and daily maintenance of vehicle components. Driver's/operator's manuals do not contain detailed repair

or service information.

**Parts Technical Manual** American LaFrance LLC publishes this manual to aid in the identification of se-

rviceable replacement vehicle parts. This manual is used in conjunction with the

parts book and the service parts catalog microfiche.

**Service Bulletins** Service bulletins provide the latest service tips, field repairs, product improve-

> ments, and related information. Some service bulletins are updates to information in the workshop manual. These bulletins take precedence over workshop manual information, until the latter is updated; at that time, the bulletin is usually canceled. The service bulletins manual is available only to dealers. When doing service work on a vehicle system or part, check for a valid service bulletin for the latest infor-

mation on the subject.

IMPORTANT: Before using a particular service bulletin, check the current service

bulletin validity list to be sure the bulletin is valid.

**Recall Bulletins** These bulletins pertain to special situations that involve service work or replace-

> ment of parts in connection with a recall notice. Recall bulletins pertain to matters of vehicle safety. All bulletins are distributed to dealers; customers receive notices

that apply to their vehicles.

Field Service This publication is concerned with non-safety-related service work or replacement Modifications

of parts. All field service modifications are distributed to dealers; customers

receive notices that apply to their vehicles.

## **Page Description**

For a page example of the printed manual, see Fig. 1.

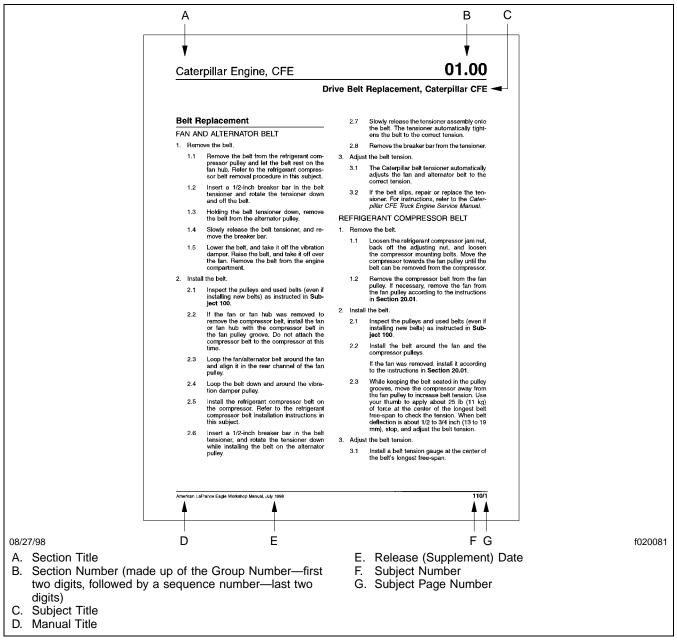


Fig. 1, Page Example of the Printed Manual

# **Workshop Manual Contents**

Group No.	Group Title
00	General Information
01	Engine
03	Crankshaft Assembly
05	Valve Train
07	Fuel Injection System
09	Air İntake
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14	Engine Exhaust
15	Alternators and Starters
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20	Engine Lubrication Engine Cooling/Radiator
25	Clutch
26	Transmission
30	Throttle Control
31	Frame and Frame Components
32	Suspension
	Front Axle
	Rear Axle
	Wheels and Tires
	Driveline
	Brakes
46	Steering
47	Fuel
49	Exhaust
54	Electrical, Instruments, and Controls
55	Special Equipment, Fire/Emergency/
00	Vocational
	Cab
	Aerial Ladders
	Doors
75	Body
80	Hydraulics
82	Windshield Wipers and Washer
	Heater and Air Conditioner
ბბ	Hood, Grille, and Cab Fenders
90	Fire Suppression Systems
	Seats and Restraint Systems
9ö	Paint