



Default Repair Order Codes in CFAWin

CFAWin ships with the following default codes for Repair Order Entry. Each code table is user-definable to fit your operational needs when first implementing CFAWin (i.e., codes can be added, deleted and descriptions can be edited). If repair transaction history is tied to any existing codes, please contact CFA Software Support Services to discuss potential data integrity issues before making any changes to those codes or their descriptions.

Repair Class

Distinguishes planned vs. unplanned repairs

- 1 Scheduled
- 2 Non Scheduled
- 3 Emergency

Repair Site

Identifies where the repair was completed

- 1 Facility
- 2 Field
- 3 Terminal
- 4 Outside Repairs

Note: Repair Sites with the Outside Vendor box checked are treated as vendor repairs. Repair Site 4 defaults to Outside Vendor.

Repair Reason

Indicates why the unit came in for repair

Maintenance: Due to normal unit operation

- 01 Breakdown
- 02 Consumption-Fuel
- 03 Consumption-Oil
- 04 Drivers Report
- 05 Inspection Routine
- 06 Lubrication
- 07 Pre-Delivery
- 08 PM
- 09 Rework
- 10 Road Call
- 11 Routine

Non-Maintenance: Not due to normal unit operation

Non-Maintenance, Outside Influence

- 31 Accident Non Reported
- 32 Accident Reported
- 33 Manufacturer Recall
- 34 Statutory Inspection
- 35 Statutory Modification
- 36 Theft
- 37 Vandalism
- 39 Abuse/Misuse
- 41 Natural Causes

Non-Maintenance: Not due to normal unit operation

Non-Maintenance, Management Decision

- 21 Capital Improvement
- 22 Conversion
- 23 Modification
- 24 Special Study

Note: Repair Reasons with the Road Call box checked will tabulate as Road Call costs and quantities. Repair Reason 10 defaults to Road Call. Repair Reasons with the Non-Maintenance box checked will tabulate as Non-Maintenance repair costs and quantities. Repair Reasons 21 and higher default to non-maintenance.



Optimize Fleet Productivity

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Work Accomplished

Nature of the work performed on the unit

- 01 Adjust
- 02 Clean
- 03 Exchange-New
- 04 Exchange-Rebuilt
- 05 Exchange-Used
- 06 Inspect
- 07 Lubricate
- 08 Overhaul
- *09 PM Service Schedule "A"
- *10 PM Service Schedule "B"
- *11 PM Service Schedule "C"
- *12 PM Service Schedule "D"
- 13 Other Maintenance Repair
- 20 Towing
- 30 Work Incomplete

Note: Customers should either use **Work Accomplished Codes** 09 through 12 or A through D to represent PM Service Level A through D, but not both.

- *A PM Service Schedule "A"
- *B PM Service Schedule "B"
- *C PM Service Schedule "C"
- *D PM Service Schedule "D"
- E PM Service Schedule "E"
- F PM Service Schedule "F"
- G PM Service Schedule "G"
- H PM Service Schedule "H"
- I PM Service Schedule "I"
- J PM Service Schedule "J"



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Default Repair Order Codes in CFAWin

Group-System

Operating system repaired on the unit

Direct Repair: Mechanic labor hours directly attributable to work on a specific unit

01-PREVENTIVE MAINTENANCE

- 01-PMA PREV. MAINT.
- 01-PMB PREV. MAINT.
- 01-PMC PREV. MAINT.
- 01-PMD PREV. MAINT.
- 01-PME PREV. MAINT.
- 01-PMF PREV. MAINT.
- 01-PMG PREV. MAINT.
- 01-PMH PREV. MAINT.
- 01-PMI PREV. MAINT.
- 01-PMJ PREV. MAINT.

Note: Group-System codes where **PM** Repair is checked are available for PM Schedules. PMA through PMJ are checked by default.

02-TIRES

- 02-17 Tires, Tubes, Etc.

Note: Group-System codes where **Tire Repair** is checked are included in Tire Costs & Quantities. 17 is checked by default.

03-CAB, INSTRUMENTS

- 03-01 A/C, Heat, Vent
- 03-02 Cab & Sheet Metal
- 03-03 Instruments
- 03-04 Aerodynamic Devices

04-CHASSIS

- 04-11 Axles, Front-Non Drive
- 04-12 Axles, Rear-Non Drive
- 04-13 Brakes
- 04-14 Frame
- 04-15 Steering
- 04-16 Suspension
- 04-18 Wheels, Rims, Hub
- 04-19 Auto Chassis Lube

05-DRIVE TRAIN

- 05-21 Axles, Front-Drive
- 05-22 Axles, Rear-Drive
- 05-23 Clutch
- 05-24 Drive Line
- 05-25 Transfer Case
- 05-26 Transmission-Manual
- 05-27 Transmission-Auto
- 05-28 Aux Transmission
- 05-29 Aux Sect-Main

06-ELETRICAL

- 06-31 Charging System
- 06-32 Cranking System
- 06-33 Ignition System
- 06-34 Lighting System

07-ENGINE/MOTOR

- 07-41 Air Intake System
- 07-42 Cooling System
- 07-43 Exhaust System
- 07-44 Fuel System
- 07-45 Power Plant
- 07-46 Electric Propulsion

08-ACCESSORIES

- 08-51 General Accessories
- 08-52 Electrical Accessory
- 08-53 Expendables

08-ACCESSORIES (CONT'D)

- 08-54 Horn System
- 08-55 Cargo Handling
- 08-56 Power Take Off
- 08-57 Spare Wheel Mounting
- 08-58 Winch
- 08-59 Coupling System

09-SPECIAL APPLICATIONS

- 09-65 Hydraulic System

10-BODIES&VESSELS

- 10-71 Body
- 10-72 Rear Wall & Door
- 10-73 Tank-Inner
- 10-74 Tank- Outer
- 10-75 Manholes
- 10-76 Rings & Bolsters
- 10-77 Trail Frame & Sup
- 10-78 Trim & Miscellaneous

11-HEATING & REFRIGERATION

- 11-81 Heating Unit
- 11-82 Refrigeration Mechanical
- 11-83 Refrigeration Nitrogen
- 11-84 Refrigeration Cold Plate

12-MISCELLANEOUS REPAIRS

- 12-91 Blower
- 12-92 Compressor
- 12-93 Engine – Auxiliary
- 12-94 Lines
- 12-95 Manifold
- 12-96 Power Shaft
- 12-97 Pump
- 12-98 Valves – Regular
- 12-99 Miscellaneous Repairs



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Default Repair Order Codes in CFAWin

Group-System (Cont'd)

Operating system repaired on the unit

Indirect Repair: Mechanic labor hours not directly attributable to work on a specific unit

I1-INDIRECT LABOR

- I1-910 Supervision
- I1-911 Clerical
- I1-912 Inspection-All
- I1-913 Inspection-L H
- I1-914 Inspection P&D
- I1-915 Fueling-All
- I1-916 Fueling-L H
- I1-917 Fueling-P&D
- I1-918 Washing-All
- I1-919 Washing-L H
- I1-920 Washing-P&D
- I1-921 Tires & Tubes-ALL
- I1-922 Tires & Tubes-L H
- I1-923 Tires & Tubes-P&D
- I1-924 Road Test All

I2-INDIRECT LABOR

- I2-925 Road Test -L H
- I2-926 Road Test -P&D
- I2-927 Parts Pickup
- I2-928 Parts Handling
- I2-929 Wait for Parts
- I2-930 Wait for Instructions

I2-INDIRECT LABOR (Cont'd.)

- I2-931 Idle
- I2-932 Shop Equipment
- I2-933 Yardwork-Maintenance
- I2-934 Building & Grounds
- I2-935 Cleaning
- I2-936 Snow Removal
- I2-937 Training
- I2-938 Injury-In Shop
- I2-939 Miscellaneous

I3-INDIRECT LABOR

- I3-940 Operations
- I3-941 Start Vehicles
- I3-942 Move Vehicles
- I3-943 Component Rebuild
- I3-944 Billable Labor
- I3-945 Batteries-Service
- I3-946 Chains-Mount/Dismount
- I3-947 Vacation & Holidays
- I3-948 Reclaim & Salvage
- I3-949 Pre-Trip Service
- I3-999 Unassigned

Note: Group-System codes where ***Indirect Repair*** is checked are included in Indirect Costs & Quantities. Codes 910 through 949 are checked by default.

Fail Code

Identifies cause of the part failure

- | | | | |
|-------------------------|-------------------------|------------------------|----------------------|
| 10 Bent | 20 Lube or Oil Soaked | 30 Poor Fit | 40 Stripped |
| 11 Binds, Sticks | 21 Misadjusted | 31 Poor Metal Finish | 41 Torn or Punctured |
| 12 Broken | 22 Misaligned | 32 Porosity | 42 Warped |
| 13 Chipped | 23 Not Connected | 33 Reads Incorrectly | 43 Weak |
| 14 Cracked | 24 Not Drilled | 34 Rough | 44 Worn |
| 15 Foreign Matl Present | 25 Out of Balance | 35 Rusted or Corroded | 45 Wrong Part |
| 16 Glazed | 26 Out of Round | 36 Scored or Scratched | 46 Lost or Missing |
| 17 Insuff. Lubrication | 27 Overheated | 37 Seized | 47 High Pressure |
| 18 Leaking | 28 Improperly Installed | 38 Shorted | 48 Low Pressure |
| 19 Loose | 29 Part Omitted | 39 Soiled or Stained | |