

Wednesday, November 05, 2025 2:17:30 PM VIN: 4U7A8DS1X51104219

Chassis # 51104219

Rapid Diesel Repair

9529 E 8th St.

Rancho Cucamonga, CA 91730

The following vehicle was manually inspected and electronically tested by **Rapid Diesel Repair in Rancho Cucamonga, CA**. Diagnostic testing confirmed that the **engine, transmission, braking system, and drivetrain components are functioning properly with no faults detected in the vehicle's control modules**. All major systems, including the **Caterpillar engine, Allison transmission, and Meritor WABCO braking system**, reported normal operating parameters during the scan.

Recommendations: **replacement of the front suspension bushings**, as a minor noise was observed when driving over potholes or road dips. Aside from this routine suspension wear item, the vehicle's mechanical systems were found to be **in proper working order at the time of inspection**.

VEHICLE INFORMATION

Engine - Caterpillar - Vehicle Info Vehicle Make: Unknown Make VIN:

4U7A8DS1X51104219 Make: Caterpillar

Model: C9 Truck

Engine Serial Number: 9DG01780

ECU Personality Module: 3411065-00

ECU Release Date: DEC08

ECU Serial Number: 03046091IE

Device ID: 8C0030000000

Brakes, Power Unit - Meritor WABCO - Vehicle Info Configuration: 6S/6M

ECU Type: FRAME(12V)

Make: Meritor WABCO Brakes (Air)

Manufacture Date: 20/2004

Module Instance Description: Meritor WABCO Brakes Air Tractor rev. E

Part Number: 4461062080

Serial Number: 011472

Software Revision: E208

TRN: 208

Transmission - Allison - Vehicle Info

Make: Allison

Model: WTEC III

Software Level: 9C2

ECU Serial Number: 3-1A231213

QUICK LIST PARAMETERS

No information available.

LIFE/TRIP DATA

Engine - Caterpillar - TripData

Trip Time: 793:48

Trip Driving Time: 739:51

Trip Distance: 27166.0 mi

Trip Fuel: 4989.6 gal

Overall Fuel Economy: 5.45 MPG

Driver Fuel Economy: 5.48 MPG

Trip Idle Time: 53:57

Trip Idle Fuel: 30.8 gal

Trip Percent Idle Time: 7 % Trip PTO Time: 00:00

Trip PTO Fuel: 0.0 gal

Trip Percent PTO Time: 0 % Average Load Factor: 0 % Average Vehicle Speed: 34 MPH Average Driving Speed: 37 MPH Max Vehicle Speed: 87 MPH Max Engine Speed: 2603 RPM Trip Start Time: 00:00

Trip End Time: 793:48

Trip Start Odometer: 0.0 mi

Trip End Odometer: 27166.0 mi

CALIBRATION DATA

Engine - Caterpillar - ECU Rating

Change ECU Rating:

Engine - Caterpillar - Parameter Lockout

Parameter Lockout List:

Engine - Caterpillar - ECU Identification Parameters

VIN: 4U7A8DS1X51104219

Engine Serial Number: 9DG01780

ECU Serial Number: 03046091IE

ECU Personality Module: 3411065-00

ECU Release Date: DEC08

Engine - Caterpillar - Security Access Parameters Total Tattletale: 42

Last Tool To Change Customer Parameters: ET658846 Last Tool To Change System Parameters: 00000000

Engine - Caterpillar - Maintenance Parameters Program Preventative Maintenance 1 Indicator:

Engine Oil Capacity: 35.0 quarts

Engine - Caterpillar - Passwords

Customer Password #1:

Customer Password #2:

Engine - Caterpillar - System Parameters

Personality Module Code: **25**

Full Torque Setting: 43

Full Load Setting: N/A

Engine - Caterpillar - Idle Parameters Old PTO

Warm Up Mode Idle Speed: 1000 RPM

Fast Idle RPM #2 (0=Off): 0 RPM

Idle/PTO Bump RPM: 20 RPM

Fast Idle RPM #1: 1000 RPM

Idle/PTO RPM Ramp Rate: 50 RPM/Sec

Idle RPM Limit: 2100 RPM

Idle Vehicle Speed Limit: 1 MPH

Engine - Caterpillar - Selected Engine Rating

Rating Number: 1 Map

Rating Type: N/A

Advertised Power: N/A Governed Speed: N/A Rated Peak Torque: N/A

Rated Peak Torque at RPM: N/A Top Engine Speed Maximum: N/A Top
Engine Speed Minimum: N/A Test Spec: N/A

Test Spec with Brake Saver: N/A

Engine - Caterpillar - Cruise Control Parameters

SoftCruise Control: Yes

Cruise/Idle/PTO Switch Configuration: Set/Accel - Res/Decel

Auto Retarder In Cruise (0=Off): 5 MPH

Engine Retarder: N/A

High Cruise Control Speed Set Limit: 90 MPH

Low Cruise Control Speed Set Limit: 30 MPH

Engine - Caterpillar - Dedicated PTO Parameters

PTO Top Engine Limit: N/A
PTO Engine RPM Set Speed (0=Off): N/A
PTO Configuration: Off
PTO Cab Throttle RPM Limit: N/A
PTO Activates Cooling Fan: N/A
PTO To Set Speed: N/A
Torque Limit: N/A
PTO Shutdown Time (0=Off): N/A
PTO Kickout Vehicle Speed Limit: N/A
PTO Engine RPM Set Speed A (0=Off): N/A
PTO Engine RPM Set Speed B (0=Off): N/A
Maximum PTO Enable Speed: N/A
Max PTO Vehicle Speed: N/A

Engine - Caterpillar - Exhaust Brake Options

Exhaust Brake/Warm Up Enable: Exhaust Brake and Warm Up

Engine - Caterpillar - Smart Idle Parameter

Battery Monitor Low Idle Engine Speed: 1000 RPM Battery Monitor and Engine Control Voltage: 12.2 V

Engine - Caterpillar - Unprogrammed Parameters Unprogrammed Parameters:

Engine - Caterpillar - Vehicle Speed Parameters Vehicle Speed Calibration: N/A

Vehicle Speed Cal (J1939 - Trans): N/A

Vehicle Speed Cal (J1939 - ABS): N/A

Vehicle Speed Limit: 100 MPH

VSL Protection: 2370 RPM

Tachometer Calibration: 12.0 pulses/rev

Soft Vehicle Speed Limit: No

Low Speed Range Axle Ratio: N/A

High Speed Range Axle Ratio: N/A

Engine - Caterpillar - Data Link Parameters

Powertrain Data Link: J1939

Engine - Caterpillar - Trip Parameters

Quick Stop Rate: 0.0 MPH/sec

Dash - PM1 Reset: No

Dash - Change Fuel Correction Factor: Yes

Engine - Caterpillar - Output Selections Fan Control Type: N/A

Engine - Caterpillar - Timer Parameters

Fan With Exhaust Brake On: Yes

A/C Switch Fan On-Time (0-Off): 180 sec Allow Idle Shutdown Override: Yes

Idle Shutdown Time (0-Off): 0 min

Engine - Caterpillar - Engine/Gear Parameters Transmission Style:

Automatic Option 1 Governor Type: Min/Max with Speed Control Starting

Aid Output Mode: Off

AT/MT/HT Part Throttle Shift Speed: N/A

Low Idle Engine RPM: 700 RPM

Top Engine Limit: 2370 RPM

Gear Down Protection Turn On Speed: N/A

Gear Down Protection RPM Limit: 2370 RPM

Intermediate Gears Turn Off Speed: 10 MPH

Intermediate Gears Engine RPM Limit: 2370 RPM Lower Gears Turn Off Speed:
1 MPH

Lower Gears Engine RPM Limit: 2370 RPM

Engine - Caterpillar - Engine Monitoring Parameters

Fuel Pressure Sensor Installed: Not Installed

Engine Monitoring Lamps: Warning Lamp

Engine Oil Pressure Sensor: Installed

Engine Monitoring Mode: Shutdown

Coolant Level Sensor: 4-Pin

SYSTEM DETAILS

Serial Number: 972

Product ID: 10

OS Version: 7.2.0

Boot Loader Version: 01.08

Firmware Version: USB2, 0.016542

Registry Version: 1.1

System Bundle Number: 1

System Bundle Version: 1.4.58

INSTALLED APPLICATIONS

Agility v1.0.0.6 (Registered)

Allison Transmissions - 1K 2K v1.8.0.12 (Registered) Allison Transmissions - CEC 1 v1.7.0.0 (Registered)

Allison Transmissions - Gen4 v2.3.0.13 (Registered) Allison Transmissions - Gen5 v1.3.0.4 (Registered) Allison Transmissions - WTEC v1.7.0.5 (Registered) Bendix ABS v3.0.0.12 (Registered)

CAT ACERT Engines v2.3.0.5 (Registered) CAT Electronic Engines v1.6.0.4 (Registered) Cummins v4.0.0.49 (Registered)

DDC 2, 3, 4, 5 Engines v2.3.0.13 (Registered)

DDEC 6, 10, 13, 16 Engines v3.0.3.4 (Registered) Demo v1.7.0.19 (Registered)

Eaton ABS v1.3.0.23 (Registered)

Eaton-Paccar Transmission v1.1.0.7 (Registered) Haldex ABS v1.4.0.3 (Registered)

Heavy Duty Standard - J1708 v1.9.0.1 (Registered) Heavy Duty Standard - J1939 v3.7.0.0 (Registered)

Hino v1.2.0.18 (Registered)

International Engines v2.10.0.7 (Registered) Light Medium Truck v19.1.0.31
(Registered) MBE v1.6.0.28 (Registered)

Meritor WABCO v2.2.0.9 (Registered)

Momentum v1.0.0.5 (Registered)

Navistar Body & Chassis v1.2.0.12 (Registered)

Navistar MaxxForce Engines v3.4.0.3 (Registered) OBDII v5.2.0.12
(Registered)

Paccar v2.2.0.2 (Registered)

PSI Engines v1.0.0.40 (Registered)

Volvo - Mack v3.2.0.4 (-1 Evaluations Remaining) Wabash ABS v1.3.0.24
(Registered)

Wabco ABS - Hydraulic v1.5.0.27 (Registered)