

# Cat Electronic Technician 2023B v1.1

## Product Status Report

2/11/2023 8:34 AM

### Product Status Report

Parameter	Value
Engine Serial Number	2GR03871
Equipment ID	3PR776 DT258
Comments	

### 3508B 777 (2GR03871)

Parameter	Value
Equipment ID	3PR776 DT258
Engine Serial Number	2GR03871
ECM Serial Number	1953B125CD
Personality Module Part Number	2578915-01
Personality Module Release Date	Jul04
Personality Module Description	OHT 3508

### Logged Diagnostic Codes [Diagnostic Clock = 32630 hours] - 3508B 777 (2GR03871)

Code	Description	Occ.	First	Last
827- 8	Left Exhaust Temperature Sensor : Abnormal Frequency, Pulse Width, or Period	18	32616	32625
168- 1	Electrical System Voltage : Low	2	32621	32621
562- 9	Caterpillar Monitor System : Abnormal Update Rate	3	32619	32621

### Logged Event Codes [Diagnostic Clock = 32630 hours] - 3508B 777 (2GR03871)

Code	Description	Occ.	First	Last
E190	Engine Overspeed Warning	255	4555	32576
E272	Inlet Air Restriction Warning	86	4610	32471
E017	High Engine Coolant Temperature Warning	2	32390	32390
E038	Low Engine Coolant Temperature Warning	192	4505	31630
E100	Low Engine Oil Pressure Warning	1	29470	29470
E035	Loss of Coolant Flow Warning	1	23823	23823
E095	Fuel Filter Restriction Warning	1	23823	23823
E279	High Aftercooler Temperature Warning	19	15286	15521
E021	High Exhaust Temperature Derate	1	8277	8277

### Active Diagnostic Codes - 3508B 777 (2GR03871)

Code	Description
No Active Diagnostic Codes	

**Current Totals - 3508B 777 (2GR03871)**

Description	Value	Unit
Total Time	32630	hours
Total Fuel	1957171	L

**Configuration - 3508B 777 (2GR03871)**

Description	Value	Unit
Rating Number	2	
Rated Power	746 kW at 1750 rpm	
Rated Peak Torque	4884 N-m at 1300 rpm	
Top Engine Speed Range	1937 - 1937 rpm	
Test Spec	0K-1144	
Equipment ID	3PR776 DT258	
Engine Serial Number	2GR03871	
Fuel Ratio Control Offset	0	
ECM Serial Number	1953B125CD	
Personality Module Part Number	2578915-01	
Personality Module Release Date	Jul04	
Personality Module Description	OHT 3508	
FLS	-6	
FTS	12	
Engine Fan Control	Off	
Top Engine Fan Speed	Unavailable	rpm
Ether Control	Disabled	
Oil Renewal Rate	Unavailable	
Oil Renewal Control	Disabled	
Shutter Control	Disabled	
Engine Pre-Lube	Disabled	
Cold Cylinder Cutout	Disabled	
Throttle Pedal Configuration	10% to 50% Throttle	
Total Tattletale	9	

**Injector Codes Calibration - 3508B 777 (2GR03871)**

Injector	Code
Injector 1	4877
Injector 2	1769
Injector 3	6837
Injector 4	1001
Injector 5	5423
Injector 6	3427
Injector 7	5423
Injector 8	2642

**Transmission 777 (1FX03789)**

Parameter	Value
Equipment ID	AGC01025 DT2148
Transmission Serial Number	1FX03789
ECM Part Number	1729387-01

ECM Serial Number	0392B061DJ
Software Group Part Number	2184865-00
Software Group Release Date	FEB02
Software Group Description	777D (AGC1-up)

**Logged Diagnostic Codes [Diagnostic Clock = 44561 hours] - Transmission 777 (1FX03789)**

Code	Description	Occ.	First	Last
168- 1	Electrical System Voltage : Low	10	44545	44553
269- 1	Sensor Power Supply : Low	34	44546	44553

**Logged Event Codes [Diagnostic Clock = 44561 hours] - Transmission 777 (1FX03789)**

Code	Description	Occ.	First	Last
E047 (1)	Transmission Abuse Warning	114	44325	44543

**Active Diagnostic Codes - Transmission 777 (1FX03789)**

Code	Description
No Active Diagnostic Codes	

**Configuration - Transmission 777 (1FX03789)**

Description	Value	Unit
Equipment ID	AGC01025 DT2148	
Transmission Serial Number	1FX03789	
Transmission Maximum Forward Gear	6	
Machine Overload Speed Limit Enable Status	Off	
Machine Speed Limit	40	km/h
Economy Mode	Unavailable	
Machine Speed Correction Factor	0.0000	%
Hoist Lower Valve Adjustment Status	0	
Hoist System Enable Status	Enabled	
Body Up Gear Limit	1	
Total Tattletale	17	

**Shift Count Matrix [Transmission Shift Counts Start Time = 12913 hours, Diagnostic Clock = 44561 hours] - Transmission 777 (1FX03789)**

To	N1	N2	R	1	2	3	4	5	6	7
From										
N1	---	15	58988	282054	48	33	10	18	32	14
N2	20	---	11	1	0	0	0	1	2	1
R	203691	13	---	28326	6	0	0	0	0	1
1	137335	2	172991	---	440219	19	2	0	0	1
2	69	1	46	436858	---	457013	5	1	0	0
3	6	0	2	2619	452945	---	433982	47	4	2
4	5	2	0	527	591	432230	---	410350	3	1
5	1	0	0	174	159	259	409686	---	324284	1
6	1	0	1	23	26	54	27	324161	---	203944
7	4	2	1	6	3	3	1	7	203947	---

## Counters - Transmission 777 (1FX03789)

Description	Value
Lockup Clutch Count	6862379
Load Count	38976
Total Load Count	148163

## Brake 777 (Unavailable)

Parameter	Value
Equipment ID	AGC01025 DT2148
ECM Part Number	1729387-01
ECM Serial Number	0422B020DJ
Software Group Part Number	1995085-00
Software Group Release Date	MAR01
Software Group Description	777D (AGC1-up)

## Logged Diagnostic Codes [Diagnostic Clock = 44561 hours] - Brake 777 (Unavailable)

Code	Description	Occ.	First	Last
269- 1	Sensor Power Supply : Low	21	44546	44553
168- 1	Electrical System Voltage : Low	26	44324	44552
248- 9	Cat Data Link not communicating	2	44546	44548
296- 9	Transmission Control : Abnormal Update Rate	2	44546	44548
1326- 2	ECM Location Code : Erratic, Intermittent, or Incorrect	13	44545	44545

## Logged Event Codes [Diagnostic Clock = 44561 hours] - Brake 777 (Unavailable)

Code	Description	Occ.	First	Last
No Logged Event Codes				

## Active Diagnostic Codes - Brake 777 (Unavailable)

Code	Description
No Active Diagnostic Codes	

## Configuration - Brake 777 (Unavailable)

Description	Value	Unit
Equipment ID	AGC01025 DT2148	
Total Tattletale	257	

## Cat Monitor System 777

Parameter	Value
ECM Part Number	1833561-00
Software Group Part Number	Unavailable
Software Group Release Date	OCT99
Mon Sys Harness Code	57

## Loaded Diagnostic Codes [Diagnostic Clock = 44215 hours] - Cat Monitor System 777

Code	Description	Occ.	First	Last
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830- 8	Front Brake Oil Temperature Sensor : Abnormal Frequency, Pulse Width, or Period	4	44202	44207
819- 2	Display Data Link : Erratic, Intermittent, or Incorrect	3	44202	44204

**Active Diagnostic Codes - Cat Monitor System 777**

Code	Description
No Active Diagnostic Codes	

**Current Totals - Cat Monitor System 777**

Description	Value	Unit
Total Operating Hours	44215	hours
Total Distance	613658.00	km