

Notice: TMI is moving location November 29th 2025. If you link to TMI your link may break if you pass dynamic data within the URL. Example if your URL has serial numbers, part numbers etc within the URL the link will break. Notify enginesoftware@catsupport.com with your URL with data within it i.e. copy and paste the URL in the email. Note: If you use a generic URL like TMIWEB.CAT.COM this will automatically redirect for you when we convert over in late November.

**ORDER INVOICE WITH ENGINEERING BREAKDOWN
[TTD00415]**

OCTOBER 24, 2025

For Help Desk Phone Numbers [Click here](#)

⚠ Caution Ordering Parts from TMI Order Invoice with Engineering Breakdown

Order Invoice with Engineering Breakdown information is provided by the orders system, once you click breakdown of a part, TMI pulls the information from the Engineering Data System (EDS).

EDS is not a manufacturing bill of material system but a engineering part in effect system. TMI uses the built date and calls EDS to pull the part in effect at that time.

Recently, TMI added an as manufactured tab. This tab provides the consist as reported from the engine factory. This data is limited but growing for new manufactured engines. To see an example enter "AT400559"

As-Manufactured tab is refreshed with correct data. The history records as well as the current data with wrong details are deleted. From 28th march 2019, TMI is maintaining only current data which possesses correct details.

To validate you are ordering a correct part, TMI encourages you to contact Morton Parts. 800-566-7782 or <https://pscrmwforms.cat.com/GDSNquickentry.aspx>

The below option will email full breakdown of the serial number

Excel PDF

FullBreakDown

Sales Model: 3516C **Invoice Number:** WYE 548395 **Dealer:** N030 **S.O. Number:** FXKYF00 **Invoice Date:** 2013-11-01

[Feature Code](#)


[Part Numbers](#)

[Ship Loose](#)


[Help](#)

Feature Codes [Top](#)

62 results found, displaying 1 to 62



Reference Number	Eng Chg	Quantity	ASM	LESS 	Set Type	Reference Drawing	Description
516DM44	F	1	I			Drawing...	3516C MAR TIER II 1600 RPM
SHLDSP1	F	1	I			Drawing...	SPRAY SHIELDING
DOILDFU	F	1	I				DUPLEX OIL / DUPLEX FUEL
SRVLHS1	F	1	I			Drawing...	LEFT HAND SERVICE SIDE
PNLSTD1	F	1	I				INSTRUMENT PANEL-STANDARD
PNLENG1	F	1	I				INSTRUMENT PANEL-ENG MTD
KEELCL2	F	1	I				KEEL COOLING CONVERSION
WTLVLS4	F	1	I			Drawing...	WATER LEVEL SWITCH GAUGE
CLS0002	F	1	I			Drawing...	COOLANT LEVEL SENSOR
MGSEN01	F	1	S				MARINE GEAR SEN CONTROL PNL
ALT2476	F	1	I			Drawing...	C ALT 24V 60A STD ROT>1300 RPM
OPADRN4	F	1	I			Drawing...	OIL PAN DRAIN VALVE
LUBOIL2	F	1	I				LUBRICATING OIL 1000 HR
FPPRH05	F	1	I			Drawing...	FUEL PRIMING PMP RH MOUNTED

62 results found, displaying 1 to 62

Reference Number	Eng Chg	Quantity	ASM	LESS 	Set Type	Reference Drawing	Description
EXRVL11	F	1	I				EXPLOSION RELIEF VALVE
THPCNV0	F	1	I				THROTTLE POSITION SIGNAL CONV.
OILTEMP	F	1	I				OIL TEMP SENSOR
IMATEMP	F	1	I				INTAKE MANIFOLD TEMP SENSOR
CNLTHR1	F	1	I			Drawing...	LOCAL SPEED THROTTLE CONTROL
ELSDLH8	F	1	I			Drawing...	ESTRT MTR LH DUAL 24V -30->20C
EXCFF11	F	1	S			Drawing...	FLEXIBLE FITTING 305MM X 305MM
BARGP01	F	1	I			Drawing...	ENGINE BARRING GROUP
CONNCS1	F	1	S				CUSTOMER INTERFACE CONNECTION
CSTKEEL	F	1	I			Drawing...	KEEL COOLED
NOUSFLG	F	1	I				EXPORT OR STOCK ORDER
STNDROT	F	1	I			Drawing...	STANDARD ROTATION ENGINE
MPD0004	F	1				Drawing...	MPD0004
NOSPLAP	F	1	I				NO SPECIAL APPEARANCE DESIRED
MSINDOE	F	1	I				INDUSTRIAL/OEM
SWP0019	F	1	I				SHRINK WRAP PRO - 3516
LITPAPR	F	1	S				ADDITIONAL PARTS BOOKS (1-6)
MWCODEB	F	1	I				PUMP
MSCIK36	F	1	I				DREDGE (INDUSTRIAL)
DPX0002	F	1	I				DOMESTIC PACK FOR EXPORT
DM9248	F	1	I				2100 BHP WOF 1600 RPM MAR PROP
1600RPM	F	1	I				1600 RPM
3516C	F	1	I				3516C TIER II DIESEL ENGINE
EUNONE	F	1	I				NO EU CERT
HP02100	F	1	I				2100 BHP (1566 BKW) W/O FAN
MARCOMM	F	1	I				MARINE PROP-COMMERCIAL
MARINEB	F	1	I				MARINE MEDIUM DUTY B RATING
MARPROP	F	1	I			Drawing...	MARINE PROPULSION ENGINE
NOMREQD	F	1	I				MCS CERTIFICATION NOT REQUIRED
SRST001	F	1	I				STD OPERATING SPEED RANGE
7N4885	F	1	I	L			OEM
0V2330	F	1	I				OEM
3021861	F	1	I				OEM
8N9160	F	1	I	L			OEM
3N2652	F	1	I	L			OEM
0V2330	F	1	I				OEM
4434712	F	1					OEM
1277096	F	1	I	L			OEM
3086825	F	1	I	L			OEM
0V2330	F	1	I				OEM
4434716	F	1	I				OEM
7N4885	F	1	N				OEM
1240121	F	1	I	L			OEM
1240121	F	1	S				OEM
LA4098	F	1	I				OEM
0V2319	F	1	I				OEM
0V2319	F	1	I				OEM
0V8707	F	1	I				OEM

Part Numbers [Top](#)

136 results found, displaying 1 to 136

Reference Number	Eng Chg	Quantity	ASM	LESS 	Set Type	Description	Reference Drawing	SIS Part Diagram 
516DM44	F	1	I			3516C MAR TIER II 1600 RPM		View Diagram
SHLDSP1	F	1	I			SPRAY SHIELDING		
DOILDFU	F	1	I			DUPLEX OIL / DUPLEX FUEL		
SRVLHS1	F	1	I			LEFT HAND SERVICE SIDE		


	PNLSTD1	F	1	I		INSTRUMENT PANEL-STANDARD		
	PNLENG1	F	1	I		INSTRUMENT PANEL-ENG MTD		
	KEELCL2	F	1	I		KEEL COOLING CONVERSION		
	WTLVLS4	F	1	I		WATER LEVEL SWITCH GAUGE		
	CLS0002	F	1	I		COOLANT LEVEL SENSOR		
	MGSEN01	F	1	S		MARINE GEAR SEN CONTROL PNL		
	ALT2476	F	1	I		C ALT 24V 60A STD ROT>1300 RPM		
	OPADRN4	F	1	I		OIL PAN DRAIN VALVE		
	LUBOIL2	F	1	I		LUBRICATING OIL 1000 HR		
	FPPRH05	F	1	I		FUEL PRIMING PMP RH MOUNTED		
	EXRVL11	F	1	I		EXPLOSION RELIEF VALVE		
	THPCNV0	F	1	I		THROTTLE POSITION SIGNAL CONV.		
	OILTEMP	F	1	I		OIL TEMP SENSOR		
	IMATEMP	F	1	I		INTAKE MANIFOLD TEMP SENSOR		
	CNLTHR1	F	1	I		LOCAL SPEED THROTTLE CONTROL		
	ELSDLH8	F	1	I		ESTRT MTR LH DUAL 24V -30->20C		
	EXCFF11	F	1	S		FLEXIBLE FITTING 305MM X 305MM		
	BARGP01	F	1	I		ENGINE BARRING GROUP		
	CONNCST	F	1	S		CUSTOMER INTERFACE CONNECTION		
	CSTKEEL	F	1	I		KEEL COOLED		
	NOUSFLG	F	1	I		EXPORT OR STOCK ORDER		
	STNDROT	F	1	I		STANDARD ROTATION ENGINE		
	MPD0004	F	1			MPD0004		
	NOSPLAP	F	1	I		NO SPECIAL APPEARANCE DESIRED		
	MSINDOE	F	1	I		INDUSTRIAL/OEM		
	SWP0019	F	1	I		SHRINK WRAP PRO - 3516		
	LITPAPR	F	1	S		ADDITIONAL PARTS BOOKS (1-6)		
MWCODEB		F	1	I		PUMP		
	MSCIK36	F	1	I		DREDGE (INDUSTRIAL)		
	DPX0002	F	1	I		DOMESTIC PACK FOR EXPORT		
	DM9248	F	1	I		2100 BHP WOF 1600 RPM MAR PROP		
	1600RPM	F	1	I		1600 RPM		View Diagram
	3516C	F	1	I		3516C TIER II DIESEL ENGINE		View Diagram
	EUNONE	F	1	I		NO EU CERT		
	HP02100	F	1	I		2100 BHP (1566 BKW) W/O FAN		
MARCOMM		F	1	I		MARINE PROP-COMMERCIAL		
	MARINEB	F	1	I		MARINE MEDIUM DUTY B RATING		
	MARPROP	F	1	I		MARINE PROPULSION ENGINE		
	NOMREQD	F	1	I		MCS CERTIFICATION NOT REQUIRED		
	SRST001	F	1	I		STD OPERATING SPEED RANGE		
	7N4885	F	1	I	L	OEM	Drawing...	View Diagram
	0V2330	F	1	I		OEM		View Diagram
	3021861	F	1	I		OEM		View Diagram
	8N9160	F	1	I	L	OEM		View Diagram
	3N2652	F	1	I	L	OEM	Drawing...	View Diagram
	0V2330	F	1	I		OEM		View Diagram
	4434712	F	1			OEM		View Diagram
	1277096	F	1	I	L	OEM		View Diagram
	3086825	F	1	I	L	OEM		View Diagram
	0V2330	F	1	I		OEM		View Diagram
	4434716	F	1	I		OEM		View Diagram
	7N4885	F	1	N		OEM	Drawing...	View Diagram
	1240121	F	1	I	L	OEM		View Diagram
	1240121	F	1	S		OEM		View Diagram
	LA4098	F	1	I		OEM		
	0V2319	F	1	I		OEM		View Diagram
	0V2319	F	1	I		OEM		View Diagram
	0V8707	F	1	I		OEM		View Diagram
	LA4743	03	1	I		MARINE 3516C SS 1600 RPM EPA T	Drawing...	
2829667		-	21	1	I	ENGINE AR- 3516C SS		View Diagram

2262773	-	01	2	I	CLEANER GP - AIR		View Diagram
5P2506	-	00	1	S	LITERATURE - ENGLISH	Drawing...	View Diagram
7N8650	-	05	1	I	RAILS - LEDGE TYPE 8"	Drawing...	View Diagram
8N8466	-	09	1	I	SEA WATER PUMP	Drawing...	View Diagram
2536218	-	03	1	I	BOX GP - MTG		View Diagram
2968289	-	08	1	I	WIRING GP-ENGINE		View Diagram
2319999	-	11	1	I	BOX GP - JUNCTION		View Diagram
3770957	-	01	1	I	MTG GRP AIR CLNR		View Diagram
1979052	-	02	1	I	GUARD GP - DAMPER		View Diagram
4218926	-	00	1	S	KIT - LITERATURE	Drawing...	View Diagram
LA4909	-	00	1	I	FUEL AND OIL CONNECTION SCREEN		
3062157	-	00	1	I	SHIELD GRP		View Diagram
2460457	-	16	1	I	SHIELD GP		View Diagram
LA4906	-	00	1	I	DUPLEX OIL/DUPLEX FUEL FOR MAR		
1204501	-	14	1	I	DUPLEX OIL FILTER	Drawing...	View Diagram
3070008	-	01	1	I	WIRING GP - (RH OIL, RH FUEL)		View Diagram
2924521	-	02	1	I	MTG GP-INSTR - LH 3516-3512		View Diagram
2903211	-	04	1	I	BOX GP - INSTR - PROP-NO PYRO		View Diagram
2396365	-	00	1	I	WIRING GROUP (MPD, STD, LH)		View Diagram
LA3959	-	00	1	I	KEEL COOLING CONVERSION		
2678623	-	03	1	S	MARINE POWER DISPLAY		View Diagram
LA4020	-	02	1	I	MARINE GEAR SENSORS		
1619932	-	06	1	S	SENSOR - GP		View Diagram
1022240	-	08	1	S	SENSOR GP.		View Diagram
LA4050	-	06	1	I	ALTERNATOR 24 VOLT 60 AMP.	Drawing...	
7E2858	-	09	1	I	ALTERNATOR GP - A		View Diagram
7E4836	-	12	1	I	MOUNTING GP - ALT		View Diagram
7W5780	-	09	1	I	GUARD GROUP - BELT		View Diagram
1077361	-	08	1	I	DRIVE GP - ACC.	Drawing...	View Diagram
2539546	-	00	1	I	WIRING GP-ALT		View Diagram
1519228	-	03	1	I	GUARD GROUP-ALTERNATOR		View Diagram
9Y7876	-	03	1	I	OIL PAN DRAIN VALVE	Drawing...	View Diagram
PA5314	-	08	1	I	LUBRICATING OIL		
8T9548	-	07	833	I	OIL (BULK) - DO NOT DRAIN		View Diagram
LA4109	-	00	1	I	DUPLEX FUEL FILTER W/SHIELD GP		
2412738	-	05	1	I	FUEL FILTER GP		View Diagram
2446567	-	04	1	I	SHIELD GP		View Diagram
3092890	-	01	1	I	SHIELD GP		View Diagram
LA4112	-	01	1	I	FUEL PRIMING PUMP W/SHIELD GP	Drawing...	
2442478	-	04	1	I	PRIMING PUMP SHIELD GP		View Diagram
2101175	-	04	1	I	FUEL PRIMING PUMP		View Diagram
3638164	-	00	1	I	VALVE GP-XPL RLF		View Diagram
LA2035	-	03	1	I	THROTTLE POSITION SIGNAL CONV		
1402175	-	00	1	S	REMOTE SPEED CONTROL	Drawing...	View Diagram
2550178	-	02	1	I	WIRING GP (OIL TEMP ATTACH)		View Diagram
2550180	-	02	1	I	WIRING GP (IMAT ATTACH)		View Diagram


	2389549	03	1	I		CONTROL GROUP	Drawing...	View Diagram
	LA4009	01	1	I		ELECTRIC STARTING MOTOR LH 24V	Drawing...	
8N3896	-	20	1	I		ELECTRIC STARTING MOTOR 24VDC	Drawing...	View Diagram
2382928	-	02	1	I		HARNESS AS - STARTER ELEC		View Diagram
	5N9527	04	1	S		FLEXIBLE FITTING	Drawing...	View Diagram
	2532468	02	1	I		ENGINE BARRING GROUP (RH)	Drawing...	View Diagram
	3010625	00	1	S		HARNESS AS		View Diagram
	0V1085		1	I		END USE: INDUSTRIAL/OEM		View Diagram
	0P7579		1	I		SHRINK WRAP PROTECTION - 3516		View Diagram
	0V1672		1	S		ENGLISH PAPER PARTS LIST		View Diagram
	0P1914		1	I		DOMESTIC PACK FOR EXPORT		View Diagram
	LL5760	03	1	I		2100 BHP WOF 1600 RPM MAR PROP		
0K8038	-		1	I		1566 BKW (2100 BHP) @ 1600 RPM		View Diagram
	0V8707		1	I		DTO QUOTE DESIGN FEE		View Diagram
	0V2330		3	I		DTO CORRECTION		View Diagram
	3021861	00	1	I		CONNECTION GP		View Diagram
	4434712	00	1	I		LINES GP - WATER		View Diagram
	3086825	01	1	I	L	LINES GP - WATER		View Diagram
	4434716	00	1	I		INSTALLATION DRAWINGS ENGINE		View Diagram
	7N4885	17	1	N		WATER LEVEL SWITCH GAUGE	Drawing...	View Diagram
	1240121	06	1	S		COOLANT LEVEL SENSOR		View Diagram
	LA4098	01	1	I		RADIATOR COOLING CONVERSION AR		
7C8122	-	07	1	I		LINES GP - WATER		View Diagram
9Y9171	-	09	1	I		REGULATOR GP -B		View Diagram
1550718	-	05	1	I		LINES GP - WATER		View Diagram
	0V2319		2	I		DTO MATERIAL FOR QUOTES		View Diagram

Ship Loose [Top](#)

40 results found, displaying 1 to 40

Reference Number	Eng Chg	Quantity	ASM	LESS 	Set Type	Description	BreakDown...
		1	S			PVA 000\00000000	BreakDown...
5N9527		1	S			FITTING GP-EXH	BreakDown...
- 0S1571		12	S			BOLT	BreakDown...
- 1B5355		12	S			NUT-FULL	BreakDown...
- 1B5357		12	S			NUT-FULL	BreakDown...
- 2W7873		1	S			GASKET-EXHAUST	BreakDown...
- 5L4398		12	S			BOLT	BreakDown...
- 5M2894		12	S			WASHER-HARD	BreakDown...
- 5P8245		24	S			WASHER-HARD	BreakDown...
- 2071332		1	S			BELLOWS AS	BreakDown...
7C8122		1	S			LINES GP-WATER	BreakDown...
- 0S1594		8	S			BOLT	BreakDown...
- 1S5772		1	S			GASKET	BreakDown...
- 8N6432		1	S			ADAPTER-INLET	BreakDown...
7N4885		1	S			GAUGE GP-WATER	BreakDown...
- 2A0762		2	S			BOLT	BreakDown...
- 2N9768		1	S			SWITCH AS-LEVEL	BreakDown...
- 3N4622		2	S			HOSE AS	BreakDown...
- 5P0537		2	S			WASHER-HARD	BreakDown...
- 6B5072		1	S			BUSHING-REDUCING	BreakDown...
- 6K1972		2	S			ADAPTER-ELBOW	BreakDown...
- 6V4245		2	S			ELBOW-PIPE	BreakDown...
- 6V7646		2	S			WASHER-HARD	BreakDown...

40 results found, displaying 1 to 40

Reference Number	Eng Chg	Quantity	ASM	LESS 	Set Type	Description	BreakDown...
- 7E7731		2	S			MOUNT	BreakDown...
8N8466		1	S			PUMP GP-AUX -S	BreakDown...
- 0S1571		4	S			BOLT	BreakDown...
- 0S1588		4	S			BOLT	BreakDown...
- 3P6061		2	S			GASKET	BreakDown...
1022240		1	S			SENSOR GP-TEMP	BreakDown...
1240121		1	S			SENSOR GP-MTG&-A	BreakDown...
- 8T8737		3	S			PLUG-SEAL	BreakDown...
- 1552260		1	S			PLUG KIT-CONN	BreakDown...
- 2042518		1	S			SENSOR GP-LEVEL	BreakDown...
1402175		1	S			CONT GP -E	BreakDown...
1619932		1	S			SENSOR GP-PRESS	BreakDown...
2678623		1	S			DISPLAY GP -A	BreakDown...
3010625		1	S			HARNESS AS	BreakDown...
ESO		1	S			(PRNT ESO COPY)	BreakDown...
6L4502		1	S			PROD MARKING SYS	BreakDown...
- PML		1	S			CHK PM FOR FILMS	BreakDown...

Caterpillar Confidential: **Green**

Content Owner: Commercial Processes Division

Web Master(s): [PSG Web Based Systems Support](#)

Current Date: 10/24/2025, 12:42:46 PM

© Caterpillar Inc. 2025 All Rights Reserved.

[Data Privacy Statement](#).[Cookie Settings](#)