



CORROSION PROTECTED MACERATOR SCREW, DATA SHEET.

Bulletin Type:	INC	Publication Date:	July 2020
Bulletin #(s):	20-022	Make(s):	ENTEGRA COACH
		Model(s):	Cornerstone, Anthem, Aspire, Reatta
		Model Year(s):	MY2016 TO MY2021
Incident:	See Product Data Sheet below describing coated screws used on the macerator pump system.		
Affected Units:	MY2016 to 2021 units with Thetford Macerator tank dump system.		

INFORMATION

The screws used in the Thetford macerator assembly are a double-coated screw to prevent corrosion. However, they may be susceptible to corrosion when using certain chemicals in the drain system. To prevent corrosion, avoid usage of bleach and other caustic chemicals.



MAGNI 565

MAGNI 565 FASTENER COATING



Magni 565 is a chrome-free duplex coating that combines an inorganic zinc-rich basecoat with an aluminum-rich organic topcoat. Formulated as a two-coat system and resistant to automotive fuels and fluids, Magni 565 is the preferred fastener coating of leading global automotive manufacturers. It provides superior corrosion protection and cost-effectiveness and is typically applied to externally threaded fasteners, stampings and other hardware.

- Applied via dip-spin or spray application methods
- Alleviates hydrogen embrittlement concerns
- Excellent bimetallic corrosion resistance
- Paintable
- RoHS, WEEE and ELV compliant

PERFORMANCE DATA:

Coating thickness	5 microns minimum (topcoat) over 8 microns basecoat)
Coefficient of friction ISO 16047:	0.15 ± 0.03 (other levels available)
Color	Various
Cyclic corrosion resistance	
GMW 14872:	Duration E
SAEJ2334:	120 cycles
Valvo VCS	1027, 149: TBD
Salt spray ASTM B117:	1,000 hours

OEM SPECIFICATIONS:

AGCO	75100300
Alstom	DTRF 150611rev F1
Amonix	90400026
Arvin Meritor	P91
ASTM	F2833, F3125, A490, A325
BAE Systems	3000099
Bobcat	PS106A
Brose	BN-590295-106
Case New Holland	MAT0320, Type 1, Class A
Cummins	74045
Daihatsu	DTS47702G-D
Daimler-Benz	DBL8440.20/22
Delphi	DX551804, DX551801
Denso	DD56700-008, DF3-BT
Domestic	12-67 E2
FCA	9.57513/Type IV, PS-10378, PS-10633, PS-9666 PS-11036 Black WSS-M21P37-A1(S439)
Ford	GTS16016
Gamasa	F69A4; E00C12200; TS00001901
GE	GMW 3359, GMW 7114M
General Motors	GES 1326
Genie Texac	HES D2008-1
Honda	10683
ISO	4150701
JLG	JDM F13
John Deere	STJLR 50,5043.A1, LRES.21.25.05
Jaguar Land Rover	TMS-4518, Type I
Navistar	NES M4601
Nissan	CS0059
PACCAR	PS-623
Parker Hydraulics	PTL 7529
Porsche	B15 3320
PSA	01-71-002, 01.71.4002/H (Truck)
Renault	REY026
Rayher	R106
Rivian	2-6.2-TS.00.99-B
Senvion	TS430-09-012
Subaru	12469117
US Army/TACOM	TM-0010F-M
Tesla	TKS 10-002
Thermo-King	S 3201063A1
Trane	TS 2-25-60, Class A
TRW Automotive	TSH 7702G-D
Toyota	TL245 OII-t611
Volkswagen	TL245 OII-t602
	TL245 OII-t615
	TL233 OII-t330
Volvo	VCS5737.29, .19
Worthington	ES5GB (black) ES5GS (silver)



*Typical Values – refer to OEM Specifications and Magni Application Guidelines for official specifications

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