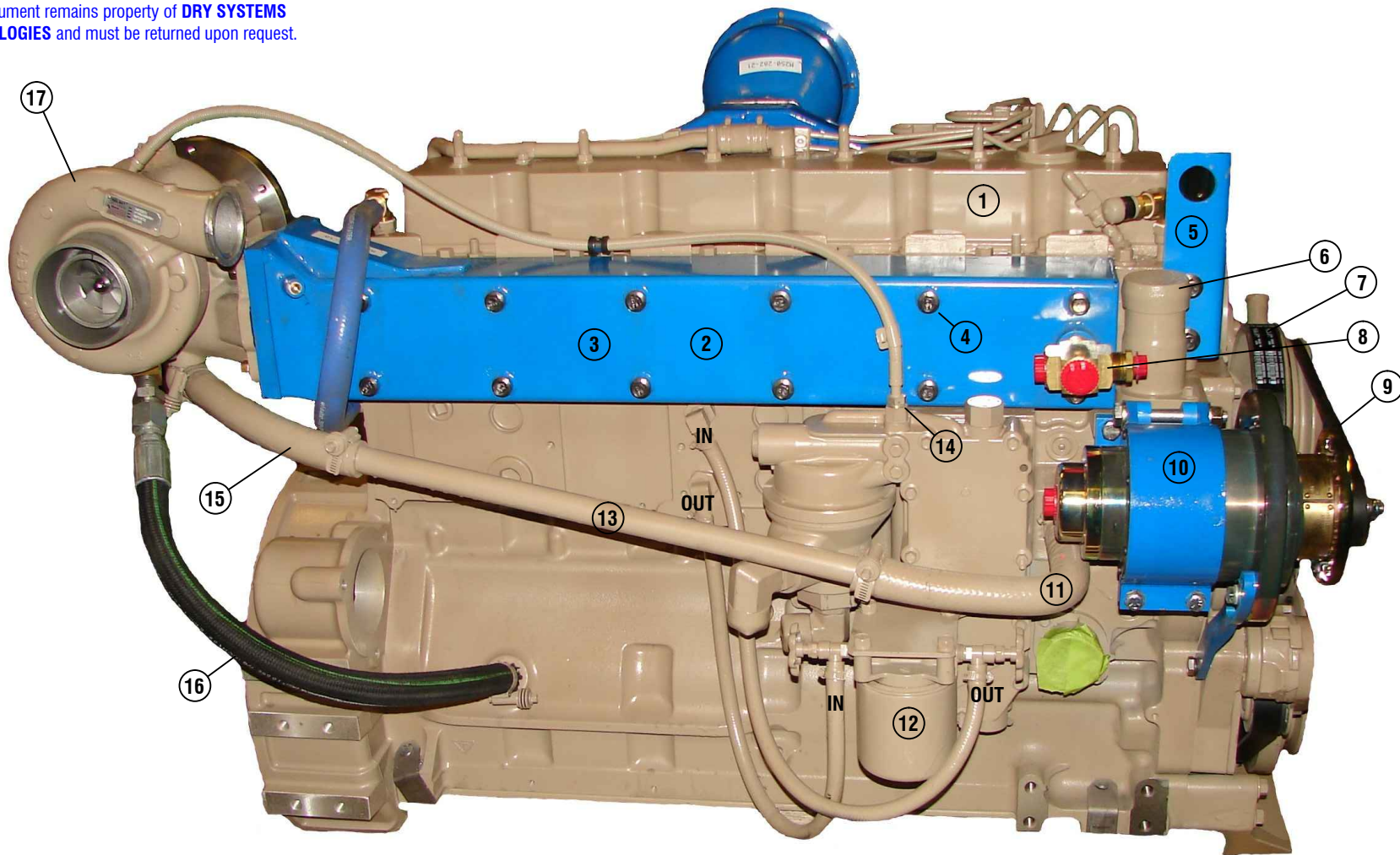


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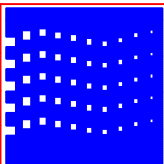


SECTION 2-01 #1

TOLERANCES			
Linear unless noted			
Machined: ±0.005			
Fabricated: ±0.02			
Angular: ±1/2°			
Surface finish 125			
REV	DATE	NAME	DESCRIPTION

DRY SYSTEMS TECHNOLOGIES
 8102 LEMONT ROAD, SUITE 700
 WOODRIDGE, IL 60517
 Phone: 630-427-2051 Fax: 630-427-1036
 E-Mail: eng@drysystemstech.com

DESCRIPTION		NO RECD	
165HP Cummins 8.3 Reversed Turbo			
SCALE	DATE	DRAWN BY	
	6/21/19	JLW	
MATERIAL		APPROVED BY	
DRAWING NO			
M500-264-11 #1			



165 HP Cummins 8.3 Reverse Turbo

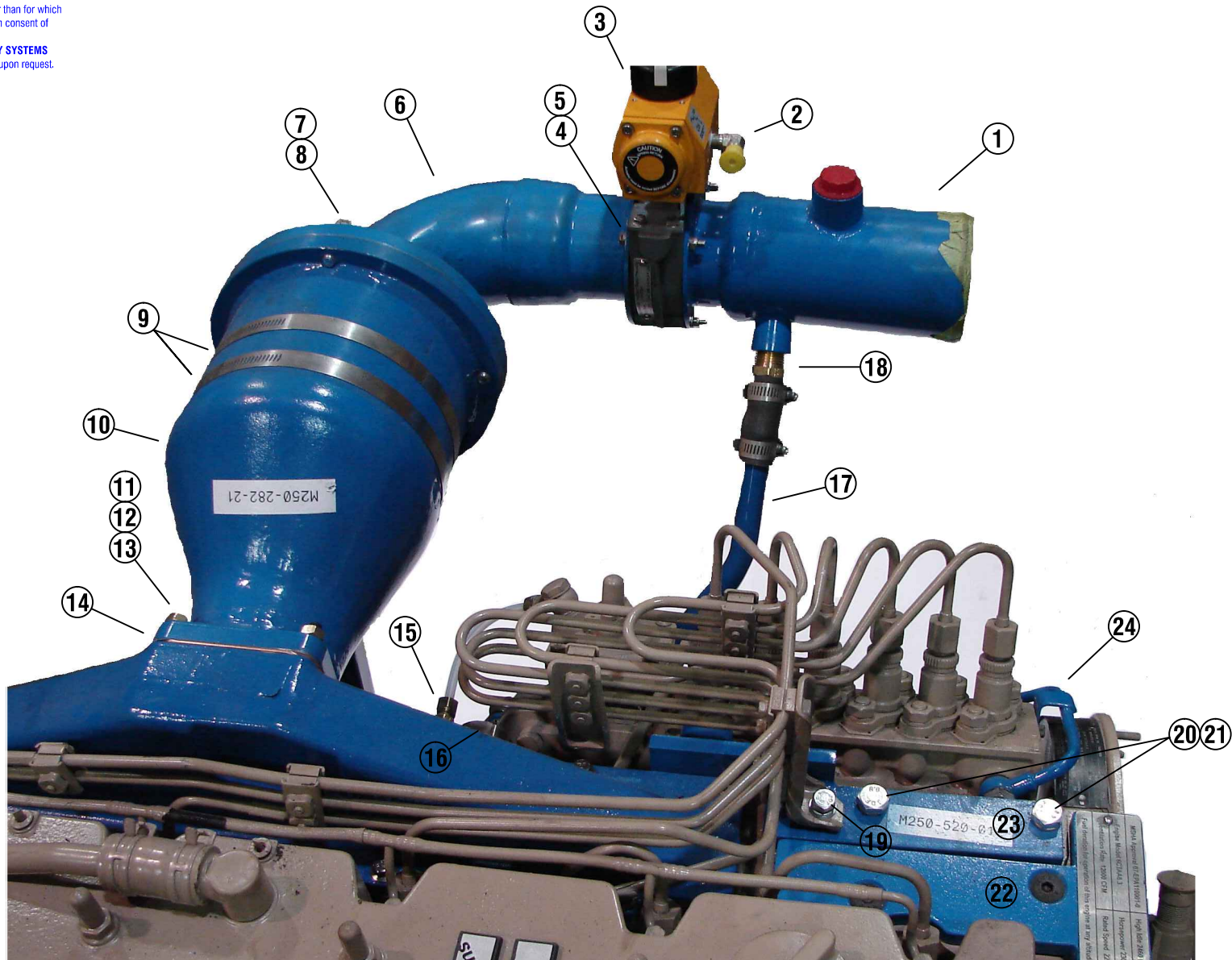
ITEM	PART NUMBER	QUAN.	DESCRIPTION	Notes
	M500-264-11	-	CUMMINS 8.3 ENGINE COMPLETE	M500-264-11 #1
1	M329-106-01	1	Cylinder Head, Modified, Replacement Includes	
	M250-506-01	1	Gasket, Cylinder Head	
	M250-507-01	1	Seal, Rocker Lever Cover	
	M250-524-01	1	Bracket, Support Cummins 8.3 Head Also Includes Gaskets, Turbo Gasket, Intake Gasket	
2	M250-215-18	1	Manifold, Exhaust Water-Cooled	
3	M250-214-01	6	Gasket, Copper Exhaust Manifold	
4	M507-560-01	12	Screw, Hex Flange Head Cap	
5	M250-211-01	1	Lifting Bracket, 8.3 Cummins	
6	M504-517-01	1	Thermostat, 160 F	
7	M250-590-01	1	Belt, Sepentine Cummins 8.3	
8			Consists of	
	M600-514-04	1	Brass Nipple Full Thread 3/4 NPT	
	M600-543-01	2	Brass Bushing 3/4 NPT X 1/2 NPT	
	M600-523-01	1	Brass Cross 3/4 NPT	
9	M250-252-01	1	V-Belt	
10	M500-252-01	1	Alternator, Explosion Proof	
11	M510-542-03	1	Hose, Elbow	
12	M250-578-01	1	Element, Resister, Corrosion	
13	M510-542-02	1	Tube, Turbo Coolant Supply	
14	M250-298-01	2	Sealing Washer	
15	M510-542-04	1	Hose, Plain	
16	M250-553-01	1	Hose Assy, Turbo Oil Return	
17	M250-293-01	1	Turbocharger	

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TOLERANCES

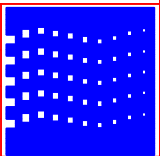
Linear unless noted
 Machined: ± 0.005
 Fabricated: ± 0.02
 Angular: $\pm 1/2^\circ$
 Surface finish 125

REV	DATE	NAME	DESCRIPTION

DRY SYSTEMS TECHNOLOGIES

10420 RISING COURT
 WOODRIDGE, IL 60517
 Phone: 630-427-2051 Fax: 630-427-1036
 E-Mail: eng@drysystemstech.com

DESCRIPTION		NO RECD	
165 HP Cummins 8.3 Reverse Turbo		1	
SCALE	DATE	DRAWN BY	
	6/21/19	JLW	
MATERIAL		APPROVED BY	
DRAWING NO			
SECTION 2-01 #2			



165 HP Cummins 8.3 Reverse Turbo

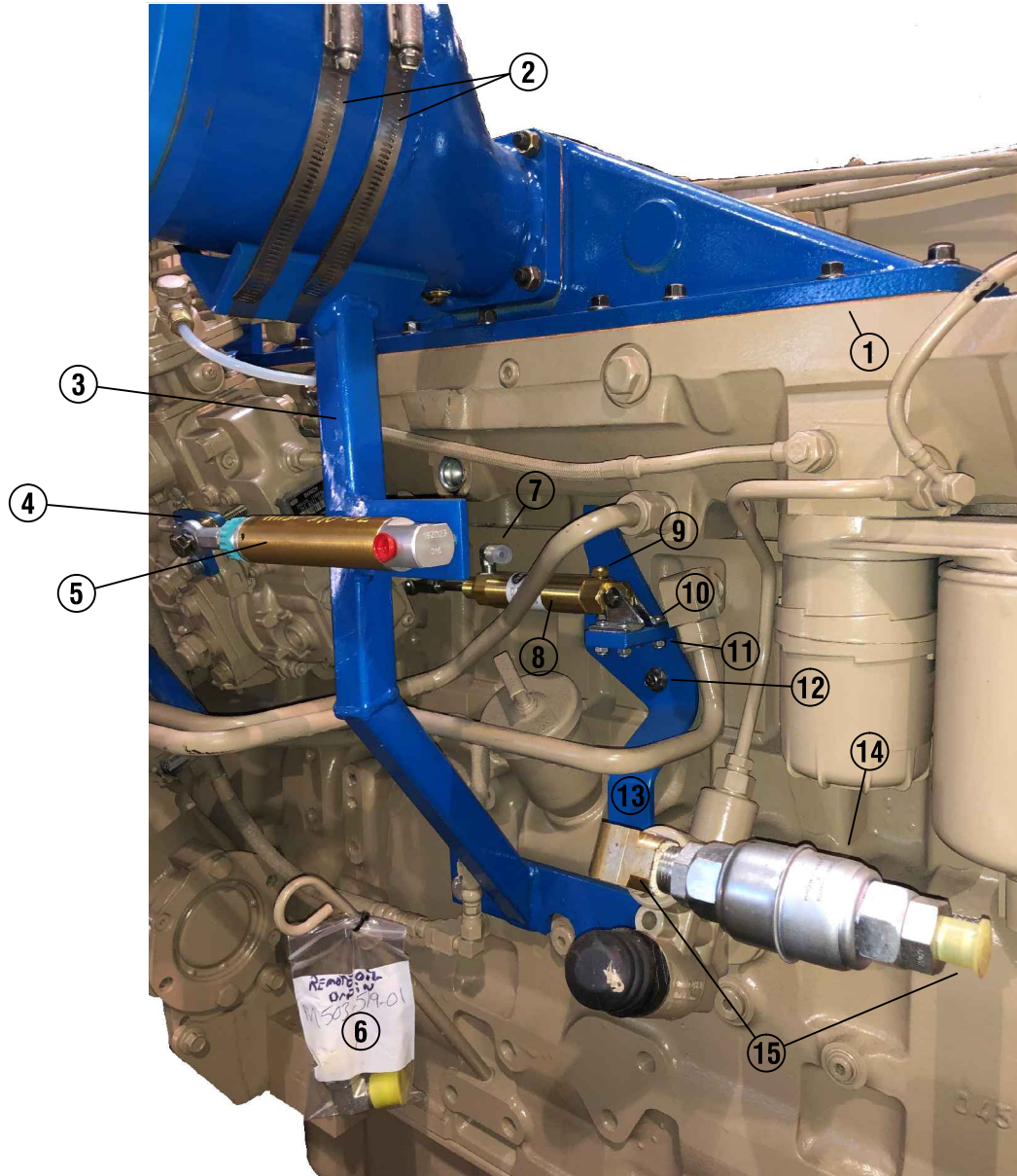
ITEM	PART NUMBER	QUAN.	DESCRIPTION	Notes
	M500-264-11	-	CUMMINS 8.3 ENGINE COMPLETE	M500-264-11 #2
1	M250-272-01	1	Pipe, Intake Adapter	
2	M600-842-01	1	Elbow, 90 deg. - 1/8 BSPT - 4 JI	
3	M250-544-01	1	Valve, Air Shutoff	
4	M600-174-01	4	Cap Screw, Hex Head, SS, M5X.8X55	
5	M600-155-01	5	Nut, Nyloc, SS, M5X.8	
6	M250-271-02	1	Pipe, Flame Arrestor	
7	M600-124-01	5	Cap Screw, Hex Head, 3/8-16 X 1.2	
8	M600-123-01	11	Lock Washer, 3/8	
9	M600-737-01	2	Hose Clamp, 5 5/8 - 8 1/2	
10	M250-282-21	1	Flame Arrestor, Intake	
11	M601-104-01	4	Stud, M8 X 50 Thd Both Ends	
12	M150-530-01	4	Lock Washer, M8	
13	M250-564-01	4	Nut, 8MM	
14	M250-273-01	1	Gasket Copper, Air Intake	
15	M600-532-01	1	Brass 90 Deg Elbow 1/8NPT FxM	
16	M40-596-01	1	Flame Proof Port	
17	M250-206-03	1	Tube, Air Compressor Inlet, Rev	
18	M600-573-01	4	Brass Barb Male 3/4 X 1/2NPT	
19	M250-532-04	1	Screw, Hex Flange Head	
20	M250-107-03	4	Cap Screw-Hex HD- M10 X 1.5 X 30M	
21	M150-535-01	4	Lock Washer M10	
22	M5329-502-01	1	Mount, Engine Tag	
23	M250-520-01	1	Bracket, Fuel Line	
24	M507-592-03	1	Tube, Fuel Drain, Modified	

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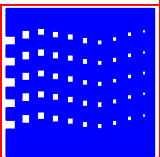
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TOLERANCES	
Linear unless noted	
Machined: ± 0.005	
Fabricated: ± 0.02	
Angular: $\pm 1/2^\circ$	
Surface finish 125	
REV	DATE
NAME	DESCRIPTION

DRY SYSTEMS TECHNOLOGIES
 10420 RISING COURT
 WOODRIDGE, IL 60517
 Phone: 630-427-2051 Fax: 630-427-1036
 E-Mail: eng@drysystemstech.com

DESCRIPTION		NO RECD
165 HP Cummins 8.3 Reverse Turbo		1
SCALE	DATE	DRAWN BY
	6/21/19	JLW
MATERIAL	APPROVED BY	
DRAWING NO	SECTION 2-01 #3	



165 HP Cummins 8.3 Reverse Turbo

ITEM	PART NUMBER	QUAN.	DESCRIPTION	Notes
	M500-264-11	-	CUMMINS 8.3 ENGINE COMPLETE	M500-264-11 #3
1	M250-291-01	1	Gasket, Intake Manifold	
2	M600-737-01	2	Hose Clamp, 5 5/8 - 8 1/2	
3	M250-201-01	1	Support, Intake Flame Arrestor	
4	M150-570-05	1	Mounting, Bracket 8.3 Slave Cylinder	
	M509-538-01	2	Cap Screw, Hex Head M6 x 1.0 x 15MM	
5	M150-570-02	1	Cylinder, Reworked	
6	M503-519-01	1	Adapter, Straight Thread Elbow	
7	M600-598-01	1	Adapter, Male Elbow 1/8NPT/ -4	
8	M250-502-01	1	Cylinder, Shutdown	
	M250-501-01	1	Rod End, Ball Joint, 1/4 X 28	Not Shown
	M250-516-01	1	Washer, Plain	Not Shown
	M600-127-01	1	Nut Jam, 1/4-28	Not Shown
9	M600-821-01	1	Breather 1/8NPT	
10	M515-500-24	4	Machine Screw, 8-32 x .075	
11	M515-560-11	4	Nylock Nut, 8-32	
12	M250-514-01	1	Cap Screw, Hex Head Flange, M8 x 1.25 x 20MM	
13	M250-519-01	1	Bracket, Mounting	
14	M250-577-01	1	Strainer, Fuel	
15			Consists of	
	M250-570-01	1	Adapter, Male Pupe SAE/NPT	
	M503-519-01	1	Adapter, Straight Thread Elbow	
	M600-534-01	1	Brass 90 Deg. Elbow 1/2 NPT FxM	