

SCHEDULE 1

Bid for the overhaul of Cummins ISM / ISL Engine currently used in MET Transit's Gillig transit buses.

Remove and replace the engine module in the vendor's shop (not MET's), which would include removing the engine, transmission and radiator. Install the module back into the bus and make all hook-ups including but not limited to fluid lines, electrical lines, A/C lines, various hoses and belts.

Use genuine Cummins Parts per Exhibit 1.

Dyno engine

Reprogram the Electronic Control Module to latest codes available. After module is installed back into the bus, the vendor will check cruise control calculations, all parameters and reset trip data.

Install Gates C5D fuel and oil lines per exhibit #2 spec. from Gates. They will have reusable ends and working pressure to 1,500 psi. and a temperature range of -40F. to +300F.

Install Breeze Constant Torque clamps per exhibit #3 on all coolant hoses.

Vendor will pressure test engine and transmission coolers.

Provide and install new oil, fuel and coolant hoses as needed. MET will not provide replacement hoses, lines or belts.

Provide and install new fan belts.

Install Gillig Bus supplied motor and transmission mounts in all positions.

MET will supply either a new or reconditioned radiator to replace the radiator that was removed from the unit by the vendor or have the current radiator reconditioned. Vendor will install replacement radiator and fill with new coolant that meets Cummins/Detroit Diesel low silicate specs. This coolant will be compatible with coolant that MET stocks.

Paint engine module.

Ensure that the A/C system remains charged and A/C compressor is secure.

Bid will not include rebuilding of alternator, compressor or fan hub.

Replace the air compressor with a new air compressor (not a rebuilt)

Vendor will rebuild starter for engine and replace the water pump.

Using MET's Cyl. Block and Crankshaft is not damaged (damage crank or block, consider a recon engine.

Camshaft is quoted but may not be needed as overhaul.

Vendor will install new belt tensioner.

Vendor will replace the fly wheel damper

Vendor will test drive bus and check for leaks and rubs on various lines.

Vendor will install the following fluids in the power plants.

- Engine oil that meets or exceeds Cummins Diesel specs.
- Transmission fluid that meets or exceeds Allison Trans. Specs.
- Power steering fluid that meets OEM specs.
- Coolant will meet Cummins Diesel's specs. and will be compatible to Met's specs.

MET will require the vendor's time line for the completion of all work.

MET Transit will require a minimum of (6) six month part and labor warranty on new parts. (1) one year part and labor warranty on Detroit Diesel Reliabil parts. (60) Day defective workmanship warranty under normal use and service.

EXHIBIT #1

Overhaul ISM

<u>QUANTITY</u>	<u>PART NUMBER</u>	<u>DESCRIPTION</u>	<u>CODE</u>
1	0 4089478	Set, Upper Engine Gasket	CECO
1	0 4089998	Set, Lower Engine Gasket	CECO
6	0 3899450RX	Rod, Conn 96M11	DRC
6	0 389945OD	Rod, Conn, Rod 96M11	CLEAN
- 6	0 389945OD	Rod, Conn, Rod 95M11	DIRTY
12	0 3016760	Bearing, Con Rod (STD)	CECO
6	0 4089386	Kit, Engine Piston	CECO
6	0 4089385	Set, Piston Ring	CECO
6	0 4089388	Kit Liner	CECO
1	0 4952453RX	Head, Cylinder M11	DRC
	Ordered Item	4083406RX DRC	
1	0 308465OD	Head, Cyl 94M11	CLEAN
-1	0 308465OD	Head, Cyl 94M11	DIRTY
1	0 4089792RX	Turbo, HE431VTI (ISM04)	DRC
1	0 4089378D	Turbo, HE431V (ISM02)	CLEAN
- 1	0 4089378D	Turbo, HE431V (ISM02)	DIRTY
1	0 4952756RX	CPR, Air L/M/N (18.7 CFM)	DRC
	Ordered Item	3103403RX DRC	
1	0 3558163D	Comp, Air ISM	CLEAN
-1	0 3558163D	Comp, Air ISM	DIRTY
1	0 3800745RX	Pump, Water M11 (Short SH)	DRC
1	0 3801169D	Pump, Water L103 Hole Mt	CLEAN
-1	0 3801169D	Pump Water L103 Hole Mt	DIRTY
6	0 4902925PX	Inj, Celect ISM02	DRC
6	0 3084589D	Inj, 94M11 Celect	CLEAN
-6	0 3084589D	Inj, 94M11 Celect	DIRTY
1	0 4003950	Pump, Lubricating Oil	CECO
	Ordered Item	4003950RX DRC	
12	0 3161475	Lever, Cam Follower	CECO
6	0 3417645	Lever, Cam Follower	CECO
1	0 4905184	Cam Shaft	CECO
1	0 4978879	Cooler, Oil	CECO
1	0 4025120	Set, Main Bearings (STD)	CECO
1	0 4955421RX	Valve, ERG (ISM02)	DRC
	Ordered Item	3103765 CECO	
1	0 3102745D	Valve, EGR (ISM02)	CLEAN
-1	0 3102745D	Valve, EGR (ISM02)	DIRTY
1	0 4089380NX	Cooler, EXH, Gas RCN	CECO
1	0 3603863RX	STR,D/R 40MT 12V CW 11T	DRC
1	0 3603862D	STR,D/R 40MT	CLEAN
-1	0 3603862D	STR,D/R 40MT	DIRTY
1	0 3161942	Damper, Viscous Vibration	CECO

EXHIBIT #2

C5D Hose

For petroleum base or phosphate ester fluids. Recommended for diesel engine flexlines.

- Meets or exceeds SAE J1402 Type AII, SAE J1019 and DOT FMVSS 106-74 Type AII.
- 400 to 1,500 psi working pressure.
- One high tensile steel wire braid over polyester braid.
- CPE tube.
- Sizes 3/16" through 7/8" I.D.
- Green braided textile covers for easy identification.
- Temperature range -40°C to $+149^{\circ}\text{C}$ (-40°F to $+300^{\circ}\text{F}$).

Uses C5 style field attachable couplings.

EXHIBIT #3



Constant Tension Clamps

Breeze Constant-Torque®

The Breeze CONSTANT-TORQUE® is a breakthrough in clamping technology. A belleville spring mechanism permits the CONSTANT-TORQUE® clamp to automatically increase or decrease its own diameter due to changes in operational or environmental temperatures.

This unique design eliminates "cold flow" leaks. Both the Aero-Seal and Heavy Duty construction CT clamps have an extended inner liner which protects all types of hoses from damage and helps to maintain consistent sealing pressure.



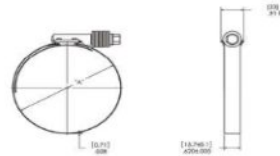
Constant-Torque - Aero-Seal Construction



Constant-Torque - Heavy Duty Construction

Aero-Seal Construction / All Stainless Steel Breeze CONSTANT-TORQUE® Size Table						
SAE Size	EFFECTIVE DIAMETER RANGE				Part Numbers	
	Min.		Max.			
	in.	mm	in.	mm		
AERO-SEAL construction for use on small diameter applications 9/16" (14.2 mm) bandwidth:						
10	9/16	14	1-1/16	27	CT-9410	
12	11/16	17	1-1/4	32	CT-9412	
16	13/16	21	1-1/2	38	CT-9416	
20	13/16	21	1-3/4	44	CT-9420	
24	1-1/16	27	2	51	CT-9424	
28	1-5/16	33	2-1/4	57	CT-9428	
32	1-9/16	40	2-1/2	64	CT-9432	
36	1-13/16	46	2-3/4	70	CT-9436	
40	2-1/16	52	3	76	CT-9440	
44	2-5/16	59	3-1/4	83	CT-9444	
48	2-9/16	65	3-1/2	89	CT-9448	
52	2-13/16	71	3-3/4	96	CT-9452	

Heavy Duty Construction Breeze CONSTANT-TORQUE® Size Table						
SAE Size	EFFECTIVE DIAMETER RANGE				Carbon Screw	All SS Screw
	Min.		Max.			
	in.	mm	in.	mm		
Heavy-duty construction for use on large diameter applications 5/16" (7.9 mm) bandwidth:						
212	1-1/4	32	2-1/8	54	CT 200 L	CT 200 L SS
262	1-3/4	45	2-5/8	67	CT 250 L	CT 250 L SS
312	2-1/4	57	3-1/8	79	CT 300 L	CT 300 L SS
362	2-3/4	70	3-5/8	92	CT 350 L	CT 350 L SS
412	3-1/4	83	4-1/8	105	CT 400 L	CT 400 L SS
462	3-3/4	95	4-5/8	119	CT 450 L	CT 450 L SS
512	4-1/4	108	5-1/8	130	CT 500 L	CT 500 L SS
562	4-3/4	121	5-5/8	143	CT 550 L	CT 550 L SS
612	5-1/4	133	6-1/8	155	CT 600 L	CT 600 L SS
662	5-3/4	146	6-5/8	169	CT 650 L	CT 650 L SS
712	6-1/4	159	7-1/8	181	CT 700 L	CT 700 L SS
762	6-3/4	172	7-5/8	194	CT 750 L	CT 750 L SS
812	7-1/4	184	8-1/8	206	CT 800 L	CT 800 L SS
862	7-3/4	197	8-5/8	219	CT 850 L	CT 850 L SS
912	8-1/4	210	9-1/8	232	CT 900 L	CT 900 L SS



CT - Heavy Duty

Per SAE standard J1508 Type "SLHD"