

Variable Speed Zebra

Complete diagnostics for systems where an ECM motor is not working properly

Uses simple-to-operate microprocessor controlled tests to:

- accurately diagnose exactly which component has failed in a variable speed system that is not working correctly
- assist in system setup by reporting CFM airflow and motor RPM as room vents and other controls are adjusted
- allows easy adjustment of all available settings and options on ECM blower motors to obtain maximum customer comfort



MARS NO.	DESCRIPTION	MARS PACK
08550	ECM Diagnostic System	1
08562	2 Pc Adapter Set for New GE X-13 & Evergreen Motors (Variable Speed)	1

Universal Zebra

A tool designed to troubleshoot every ECM motor in HVAC/R systems!

- Three 3-position switches test up to 6 speeds
- LED's indicate power and signals being sent
- Rugged case protects your tools & leads

Adapters for Universal Zebra

- Adapters quickly plug into motor and Universal Zebra
- Magnetic reference cards show what each switch does & what each LED means for that motor

MARS NO.	DESCRIPTION	MARS PACK
08554	Universal ECM Diagnostic System	1

MARS

08555 Adapter "A" – for GE 2.0 & 2.3 ECM's

08556 Adapter "B" – for Genteq 3.0 ECM's

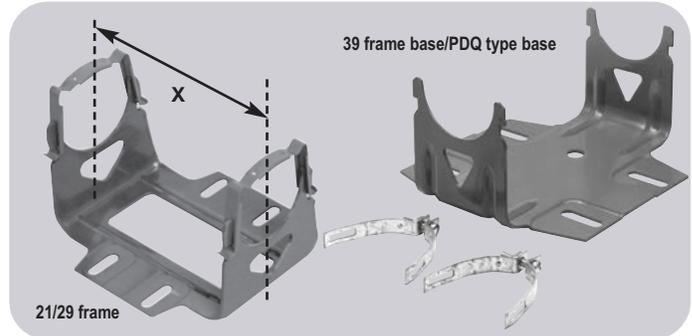
08557 Adapter "C" – for X-13 & X-mtr ECM's

08558 Adapter "E" – for ECM 142 & Signal Select ECM's



Motor Mounting Bases

Designed for use with GE motors. Bases include clips.



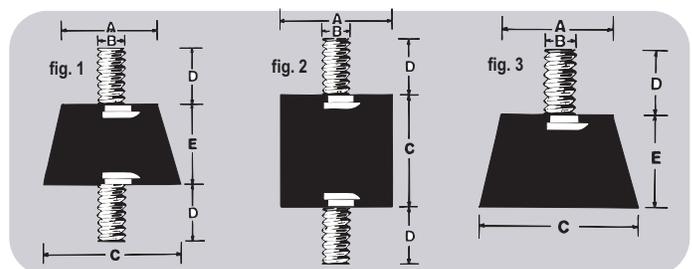
Mounting Bases

MARS NO.	FOR USE ON	GE NO.	SHAFT HEIGHT	X DIMENSION
08060	39 frame motors	920AB10	3-1/2	5.98/6.14

Mounting Accessories

MARS NO.	USED ON	DESCRIPTION	PAK QUAN
08096	39 frame	clips for 39 frame motor bases	2 pieces

Vibration Insulators



MARS NO.	MFR. NO.	DIMENSIONS					MAX. LOAD IN POUNDS			FIG. NO.
		A	B	C	D	E	THD.	COMPRESSION	SHEAR	
07801	K30	1-3/16	5/16	1-5/8	5/8	1-1/2	18	60	-	1
07802	K33	1-3/8	5/16	1-5/8	5/8	1.0	18	100	-	1
07804	K44	1.0	5/16	1.0	5/8	-	18	40	10	2
07805	K47	1.0	1/4	3/4	1/2	-	20	50	10	2
07807	K133	1-3/8	5/16	1-5/8	5/8	1.0	18	100	-	3

Plastic Rain Shields



MARS NO.	DESCRIPTION	MARS PACK
93581	6-3/4 in. diameter for motors with 1/2 in. diameter shaft	1 piece
93582	6-3/4 in. diameter for motors with 5/8 in. diameter shaft	1 piece