

ACCESSORIES



ACCESSORY REPLACEMENTS FOR AMPROBE INSTRUMENTS

INSTRUMENT	STANDARD LEADS	TIP	EXTENDO LEADS	TIP	OPTION LEAD CLIP	OHM UNIT	FUSE	BATTERY	STANDARD CASE	OPTIONAL CASE
ACD-1, 3, 9A			DTL-2	VPT	VRC-320	OHB-4	8AG-361	MN-1604(9V)	AE	ADM
ACD-2, 4, 7A, 8A			DTL-3	VPT	VRC-320	OHB-4	8AG-361	MN-1604(9V)	AE-2	ADM
ACD-3A			DTL-2	VPT	VRC-320	OHB-4HE	8AG-360X023	MN-1604(9V)	AE	ADM
ACD-4A			DTL-3	VPT	VRC-320	OHB-4HE	8AG-360X023	MN-1604(9V)	AE-2	ADM
ACD-10 & 11	DTL-10						FUSELESS	MN-1604(9V)	AE-10	SV-1
ACDC-1000			DTL-3	VPT	VRC-320	OHB-4	8AG-361	MN-1604(9V)	F-2	SV-1
ACD-2000			DTL-2	VPT	VRC-320	OHB-4HE	8AG-360X023	MN-1604(9V)	AE	ADM
ACD-2001			DTL-3	VPT	VRC-320	OHB-4HE	8AG-360X023	MN-1604(9V)	AE-2	ADM
JUNIORS	VL-55R	PT	VLK-455R	VPT	VRC-320	OJH-R	8AG-361	S912 (AAA)		K, W, SV, P-1
AM-1A	MTL-10				MTC-3		8AG-361	S915 (AA)		MM
AM-1E	MTL-2				MTC-3		8AG-361	S915 (AA)		MM
AM-2A	MTL-1				MTC-3*		3AG-312A	S915 (AA)		MM
AM-2B	MTL-1				MTC-3*		3AG-312A	S915 (AA)		MM
AM-2DP, BDP	MTL-1				MTC-3*		3AG-312	S915 (AA)		MM
AM-2E	MTL-2					MTC-3		8AG-361.5	S915 (AA)	MM
AM-2EDP	MTL-2				MTC-3		8AG-361.5	S915 (AA)		MM
AM-3E	MTL-2				MTC-3		8AG-361, 3AG-312 (2C S)			MM-3
AM-4B	MTL-4B	VPT			VRC-320		6.3X25-2-12	MN-1604(9V)		ADM
AM-6	MTL-1						8AG-361-6	S915 (AA)		MM-6, SV
AM-6A	MTL-6A						8AG-361-6	S915 (AA)		MM-6, SV
AM-12	MTL-12	VPT			VRC-320		6.3X25-2-12	MN-1604(9V)		MM-12, SV
AM-14	MTL-12	VPT			VRC-320		6.3X25-2-12	MN-1604(9V)		MM-14
AM-15	MTL-15						6.3X25-2-12	MN-1604(9V)		SV-1
AM-1200	MTL-1200						6.3X25-2-12	MN-1604(9V)		SV-1
AM-1280	MTL-1200						6.3X25-2-12†	S915 (AA)		SV-1
FS-3	VL-11R	PT					8AG-361.5	S915 (AA)		L
FS-3L	VL-11R	PT					8AG-361.5	S915 (AA)	L	SV-1
RS (except Super)	VL-11R	PT	VLK-411R	VPT	VRC-320	OHB-3R	8AG-361	912 (AAA)	G	AR, C
RS-3 & Super	VL-11R	PT	VLK-411R	VPT	VRC-320	OHB-3HE	8AG-360X023	912 (AAA)	G	AR, C
RS-1000 & S	VL-11R	PT	VLK-100R	VPT	VRC-320	OHB-3R	8AG-361	912 (AAA)	E	

*MTC-3 USE ONLY WITH NEW MTL-1 LEADSΩ

FUSE VALUES: 3AG312 = 0.1 Amp

8AG361-6 = 0.1 Amp

8AG361.5 = 0.5 Amp

† ALSO TAKES 10 AMP FUSE 6.3X25-10-12

8AG361 = 1.0 Amp

3AG312A = 0.3 Amp

8AG360X023 = 1.0 Amp

TROUBLESHOOTING MOTORS WITH AN AMPROBE® CLAMP-ON INSTRUMENT

FIGURE 1
LOCATING OPEN WINDING

Winding is open if there is no voltage indication across the winding.

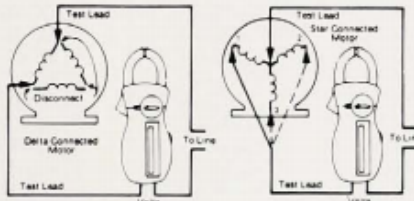


FIGURE 2
FINDING LOCATION OF GROUNDED PHASE

Grounded phase is indicated by a full line voltage reading.

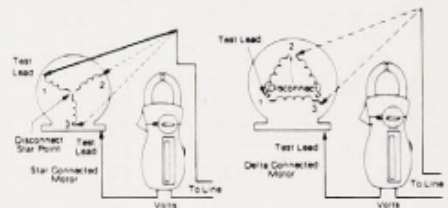


FIGURE 3
TESTING CENTRIFUGAL SWITCH

Current indication after motor is up to speed means centrifugal switch did not open.

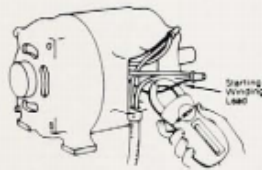


FIGURE 4
TEST FOR WINDING SHORT CIRCUIT

With running and starting windings and instrument connected as shown, full line voltage reading means two windings are shorted.

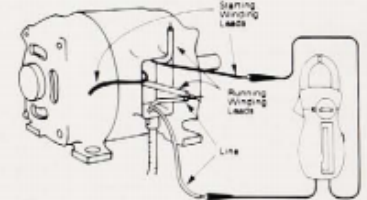


FIGURE 5
ISOLATING OPEN PHASE

Winding is open if there is no voltage indication across the winding.

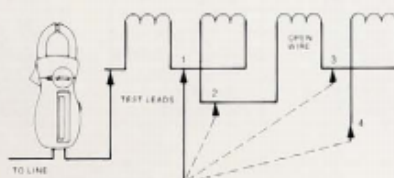
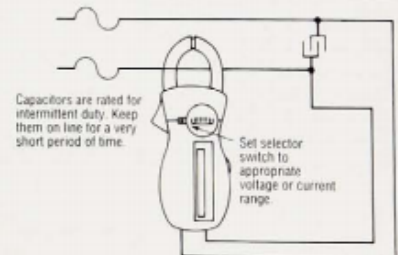


FIGURE 6
CHECKING AC ELECTROLYTIC CAPACITORS

If there is no current indication, capacitor is open. Shorted capacitor will blow fuse when line voltage is applied.



Capacitors are rated for intermittent duty. Keep them on line for a very short period of time.

Set selector switch to appropriate voltage or current range.