

MOTOR DEFECT CODES *Enter the defect code in the space provided.*

Service Shop/Manufacturing (180 Frame & Above)

STATOR

Open Winding	.M010
Grounded	.M011
Shorted at Connection	.M012
Shorted between phases 3	.M013
Short unclassified	.M014
Leads marked/connected wrong	.M015
Shorted between main & phase 1	.M016
Stator core-explain	.M018
Wrong stator/yoke assembly	.M019
Tie cord-explain	.M098

ASSEMBLY

Assembled incorrectly	.M030
Terminal board-explain	.M022
Nameplate incorrect	.M025
Wrong motor in carton	.M026

ROTOR OR ARMATURE

Fan broken or loose	.M030
Broken shaft	.M031
Open	.M032
Shaft-explain	.M033
Commutator-explain	.M035
Out of balance-show amount	.M036
Rotor rubs stator	.M096
Rotor core failure-explain	.M097

CAPACITOR

Shorted start capacitor	.M043
Shorted run capacitor	.M044
Open shaft capacitor	.M045
Open run capacitor	.M046
Miscellaneous capacitor-explain	.M099

SWITCH/GOVERNOR/RELAY

Switch out of adjustment	.M040
Governor/centrifugal mechanism	.M041
Relay-explain	.M042
Switch contacts loose or missing	.M07
Switch contacts burned or dirty	.M048
Miscellaneous switch failure	.M049

Bearing & Lubricant

Ball bearing noisy/rough	.M050
Sleeve bearing-wicking dry	.M051
Ball bearing dry-no grease	.M052
Bearing loose on shaft	.M053
Bearing loose in housing	.M054
Misc. Bearing failure-explain	.M055

THERMAL PROTECTOR

Cycling or premature trip	.M060
Non-resetting	.M061
Will not trip	.M062
Grounded thermal protector	.M063
Miscellaneous thermal protector	.M064

BRUSH AND BRUSH HOLDERS

Brushes-explain	.M070
Brush Holder-explain	.M071
Brush Spring	.M080

HOUSING AND BRACKETS

Bracket-explain	.M037
Wrong front/rear bracket	.M038
C-Flange	.M039
Cracked or broken	.M081
Bent or distorted	.M082

MISCELLANEOUS

Pool Exchange	.M001
Farm Store Exchange	.M003
OEM Sales/Line Reject Scrap	.M004
OEM Sales/Field Reject Scrap	.M005
Non-warranty	.M006
No defects found	.M007
Freight Damage	.M008
Amps	.M009
Magnets broken or loose	.M017
Terminal box-explain	.M021
Shipping error	.M027
Misaligned holes-explain	.M023
Order Entry error	.M028
Other defect-explain	.M090
Magnetic noise	.M091
Mechanical noise	.M092
Excessive and play: show amount	.M093
Base or mounting part	.M094
Wrong speed or rotation	.M095

Field Scrap AC Motors (140 Frame & Smaller)

Open Windings	.M010
Short Unclassified	.M014
Shaft-explain	.M033
Misc. Bearing Failure-explain	.M055
Misc. Protector Failure	.M064
Other Defect-explain	.M090
Misc. Switch Failure	.M049

