

ELECTRIC BRAKE TROUBLE SHOOTING GUIDE

PROBLEM	CAUSES	REMEDIES
NO BRAKES	OPEN CIRCUITS	FIND AND CORRECT
	SEVERE UNDER ADJUSTMENT	ADJUST BRAKES
	FAULTY CONTROLLER	TEST AND CORRECT
	SHORT CIRCUITS	FIND AND CORRECT
WEAK BRAKES	GREASE/OIL ON MAGNETS/LININGS	CLEAN OR REPLACE
	CORRODED CONNECTIONS	CLEAN/CORRECT CAUSE
	WORN LININGS OR MAGNETS	REPLACE
	SCORED/GROOVED BRAKE DRUMS	MACHINE OR REPLACE
	IMPROPER SYNCHRONIZATION	CORRECT
	UNDER ADJUSTMENT	ADJUST BRAKES
	BLAZED LININGS	REBURNISH OR REPLACE
	OVERLOADED TRAILER	CORRECT
LOCKING BRAKES	UNDER ADJUSTMENT	ADJUST
	IMPROPER SYNCHRONIZATION	CORRECT
	FAULTY CONTROLLER	TEST AND CORRECT
	LOOSE, BROKEN BRAKE PARTS	REPLACE COMPONENTS
	OUT OF ROUND BRAKE DRUMS	MACHINE OR REPLACE
	INSUFFICIENT WHEEL LOAD	ADJUST SYSTEM RESISTOR

PROBLEM	CAUSES	REMEDIES
INTERMITTENT BRAKES	FAULTY CONTROLLER	TEST AND CORRECT
	BROKEN WIRES	REPAIR OR REPLACE
	LOOSE CONNECTIONS	FIND AND REPAIR
BRAKES PULL TO ONE SIDE	INCORRECT ADJUSTMENT	ADJUST
	GREASE/OIL ON LININGS/MAGNET	CLEAN OR REPLACE
	BROKEN WIRES	FIND AND REPAIR
	BAD CONNECTIONS	FIND AND REPAIR
HARSH BRAKES	UNDER ADJUSTMENT	ADJUST
	IMPROPER SYNCHRONIZATION	CORRECT
	IMPROPER CONTROLLER	CHANGE
	FAULTY CONTROLLER	TEST AND CORRECT
NOISY BRAKES	UNDER ADJUSTMENT	ADJUST BRAKES
	LACK OF LUBRICATION	LUBRICATE
	BROKEN BRAKE PARTS	REPLACE COMPONENT
	INCORRECT BRAKE PARTS	REPLACE
SURGING BRAKES	GREASE/OIL ON LININGS/MAGNET	CLEAN OR REPLACE
	OUT OF ROUND BRAKE DRUMS	MACHINE OR REPLACE
	FAULTY CONTROLLER	TEST AND CORRECT

PROBLEM	CAUSES	REMEDIES
DRAGGING BRAKES	OVER ADJUSTMENT	READJUST
	OUT OF ROUND BRAKE DRUMS	MACHINE OR REPLACE
	INCORRECT BRAKE PARTS	REPLACE
	BROKEN BRAKE PARTS	REPLACE
	FAULTY BREAKAWAY SWITCH	REPAIR OR REPLACE
	LOOSE WHEELBEARING ADJ.	ADJUST
	BENT SPINDLE	REPLACE AXLE

