

MORI SEIKI
CL-15,20,25

MF-T8
DWG.#
I81335E02



ERROR	MESSAGE TEXT	COIL	ADDRESS	DESCRIPTION
EX0013	M85-COMMAND WITH SPINDLE ON	ALM0013	A00.0	An M85 command has been given during spindle rotation.
EX0016	TAILSTOCK UNCLAMPED	ALM0016	A00.1	A cycle start has been activated with the tailstock unclamped.
EX0018	NEED ZERO- RETURN	ALM0018	A00.2	A cycle start has been activated without executing the X-axis and Z-axis zero-returns after a machine lock cancel.
EX0019	WORK-COUNTER AT FULL COUNT	ALM0019	A00.3	A cycle start has been activated with the PC or external work counter at full count.
EX0020	EDITING KEY SWITCH ON	ALM0020	A00.4	A cycle start has been activated with the Editing Key Switch on.
EX0023	START INTERLOCK ON (EXT.)	ALM0023	A00.5	The cycle operation has been started while an external start interlock signal has been input.
EX0024	CHUCK UNCLAMPED	ALM0024	A00.6	A cycle start has been activated with the chuck unclamped.
EX0026	DOOR NOT CLOSED	ALM0026	A00.7	The cycle operation has mistakenly been started without door closed.
EX0029	TAILSHOCK INCHING/QUILL NOT OUT	ALM0029	A01.0	A cycle start has been activated during the tailstock inching or with the tailstock quill not out.
EX0064	AUTO-DOOR OPEN	ALM0064	A10.0	An auto-door closed detection signal has been deactivated without an auto-door close command having been given.
EX0068	SET UP MODE TIME OVER	ALM0068	A10.2	Door interlock cancel time has been over.
EX0069	DOOR LOCK CHECK TIME OVER	ALM0069	A10.3	Door lock complete signal has not been turned ON after elapsing the time set in timer.

EX0093	TAILSTOCK OUT PERMIT ERROR	ALM0093	A16.4	The tailstock quill OUT permission signal is abnormal. Check the monitor circuit.
EX0094	INTERRUPTION SIGNAL ON	ALM0094	A16.5	The motor interruption check signal is input at operation ready completion of interruption circuit.
EX0095	TURRET ILLEGAL MOVEMENT	ALM0095	A16.6	The turret attempts to move without command. Check the turret output driver or clamp signal.
EX0096	INTERRUPTION FAILURE	ALM0096	A16.7	The motor interruption check signal is not input at operation ready completion of each motor. Check the motor interruption circuit.
EX0302	T-CODE COMMAND ERROR	ALM0302	A01.1	An invalid T-command has been given.
EX0303	M17/M18-COMMAND BUT AUTROT = [1]	ALM0303	A01.2	Either an M17 or M18 command has been given while the turret indexing short-path control is effective. (PC parameter AUTROT = [1])
EX0312	NEED TURRET ZERO-RETURN	ALM0312	A01.3	A T-command has been given with the turret station not indexed to the correct position. Index the station manually.
EX0322	TAILSTOCK UNCLAMPED	ALM0322	A01.4	An M3, M4, M13 command has been given with the tailstock unclamped.
EX0324	TAILSTOCK UNCLAMPED	ALM0324	A01.5	A T-command has been given with the tailstock unclamped.
EX0344	TUURET PARAM.MUST BE 8, 10, 12	ALM0344	A02.1	A value other than [8], [10], or [12] was input to the parameter as a setting for the number of turret station. Reset the parameter.
EX0346	M354/M355 COM CURING SP ON	PER0346	A01.6	CMD of tailstock rotation during spindle speed.
EX0348	M354/M355 COM DURING TURRET ON	PER0348	A01.7	CMD of tailstock rotation during turret rotation.

EX0352	PHASE-B NOT ON	SIGNAL	ALM0352	A10.7	The turret indexing phase-B count signal has not been activated. This error is caused when a phase-A signal is output twice in a row. Either the proximity switch for the phase-B counter is defective or it is improperly adjusted.
EX0353	PHASE-A NOT ON	SIGNAL	ALM0353	A11.0	The turret indexing phase-A count signal has not been activated. This error is caused when a phase-B signal is output twice in a row. Either the proximity switch for the phase-A counter is defective or it is improperly adjusted.
EX0355	PHASE-A B	NOT AGREE WITH PHASE	ALM0355	A11.1	Current position data in the phase-A signal counter and the phase-B signal counter do not agree. Either the proximity switch for the counter is defective or it is improperly adjusted. Turret indexing has not been completed within the specified time. Either the proximity switch for the counter is defective or it is improperly adjusted.
EX0357	TURRET INDEX TIME UP		ALM0357	A11.2	
EX0374	TOOL LIFE UP		ALM0374	A11.3	Tool life up.
EX0377	PHASE-A ERROR	COUNTER	ALM0377	A11.4	Current value of phase-A counter is not [1] at pass though the turret home position during turret indexing. Either the home position detection switch or the phase-A count switch is defective or they are improperly adjusted.
EX0378	PHASE-B ERROR	COUNTER	ALM0378	A11.5	Current value of phase-B counter is not [1] at pass though the turret home position during turret indexing. Either the home position detection switch or the phase-B count switch is defective or they are improperly adjusted.
EX0379	BAD DIRECTION	TURRET	ALM0379	A18.0	Rotation direction of turret does not agree with that of the command.
EX0386	NEED ZERO-RETURN	TURRET	ALM0386	A12.0	The turret clamp check limit switch has been deactivated during cycle start.
EX0391	TURRET TRIP	BRAKE	ALM0391	A12.1	One of the turret brake has been tripped.

EX0392	TURRET THERMAL TRIP	ALM0392	A14.0	One of the turret thermal relays has been tripped.
EX0394	TAILSTOCK ROTATION TIME OVER	MER0394	A11.7	Tailstock rotation time over.
EX0401	M3/M4 COMMAND ERROR	ALM0401	A02.2	Any of the following commands have been given improperly: M4; during normal spindle rotation, M3; during reverse spindle rotation.
EX0404	M3/M4 ERROR BAD S-CODE	ALM0404	A02.3	An M3 or M4 command has been given either without given an S-code command after turning on the power or after giving an S0 command.
EX0406	SPINDLE INTERLOCK SIGNAL ON	ALM0406	A02.5	An M3, M4, or M19 command has been given
EX0407	BAD SPINDLE DIRECTION	ALM0407	A02.6	The direction of the spindle rotation has been changed or while shifting the operation mode from automatic
EX0410	M10/ M11 W/ SPINDLE ON	ALM0410	A02.7	An M10, M11 command has been given during spindle rotation.
EX0411	M3/ M4-COM WITH SPINDLE JOG ON	ALM0411	A03.0	An M3 or M4 command has been given during spindle jogging.
EX0412	M3/ M4 W/ CHUCK UNCLAMPED	ALM0412	A03.1	An M3 or M4 command has been given with the chuck unclamped.
EX0421	DURING TAILSTOCK INCHING	ALM0421	A03.2	An M3 or M4 command has been given during tailstock quill inching.
EX0451	SPINDLE DRIVE UNIT ALARM	ALM0451	A12.2	The spindle drive unit alarm has been activated.
EX0461	TAILSTOCK OUT SWITCH NOT ON	ALM0461	A12.5	The tailstock out check signal has been deactivated with the tailstock quill out.
EX0480	SPINDLE ORIENTATION TIME UP	ALM0480	A13.0	Spindle orientation has not been completed within the specified time.
EX0551	ELEC. CONTROL UNIT OVERHEATING	ALM0551	A13.1	Abnormal increase in electrical control unit temperature.

EX0560	AIR PRESSURE DROP	ALM0560	A13.2	Air pressure has dropped.
EX0561	OIL PRESSURE LOW	ALM0561	A13.3	Decrease in hydraulic pressure.
EX0562	LUB. OIL PRESSURE STILL DOWN	ALM0562	A13.4	No increase in lubrication oil pressure. Possible cause is broken piping or motor failiure.
EX0563	NO DROP IN LUBR. OIL PRESSURE	ALM0563	A13.5	Pressure has not decreased within the specified time after turning the cycle pump OFF. Possible cause is failiure in the pressure switch or the magnet.
EX0567	LUBRICANT WATCH DOG ALARM	ALM0567	A13.6	Lubrication pump pressure detection switch has not been activated within the specified time.
EX0570	INSUFFICIENT LUBRICANT OIL	ALM0570	A13.7	Insufficient lubrication oil.
EX0599	INSUFFICIENT LUBRICANT OIL	ALM0599	A14.1	Insufficient lubricant oil.
EX0905	PRESETTER ARM DOWN	ALM0905	A03.4	The parts catcher OUT command has been given with the presetter arm rise check switch deactivated.
EX0907	PRESETTER ARM DOWN	ALM0907	A03.5	The presetter arm rise check switch has been deactivated while the parts catcher is out.
EX0910	DOOR NOT CLOSED	ALM0910	A03.6	An M73 command has been given while the door is not closed.
EX0911	NO MORE BAR STOCK	ALM0911	A03.7	Bar stock has run out.
EX0913	M71-COM WITH SPINDLE ON	ALM0913	A04.0	An M71 command has been given during spindle rotation.
EX0915	NEED Z-AXIS ZERO RETURNS	ALM0915	A04.1	An M71 command has been given during spindle rotation.
EX0916	PARTS CATCHER NOT HOME POSITION	ALM0916	A04.2	M71 or M85 command has been given while the parts catcher is not in the home position.

EX0922	M70-COMMAND BUT CHUCK CLAMPED	ALM0922	A04.3	An M70 command has been given while the chuck is clamped.
EX0923	SENSOR ON	ALM0923	A07.2	An M71 command has been given while the sensor is on.
EX0945	ROBOT COMMAND ERROR	ALM0945	A04.4	ROBOT command has been given while the machine is not in home position.
EX0946	ROBOT ARM IN	ALM0946	A04.5	The following command have been given while the ROBOT arm is moving in.
EX0951	CONTACT BUT NO PRESET MODE	ALM0951	A14.2	The sensor has been activated without setting the presetter mode.
EX0952	CONTACT AS ARM RISES	ALM0952	A14.3	The sensor has been activated with the presetter ascending.
EX0953	ARM UP SIGNAL OFF IN AUTO MODE	ALM0953	A14.4	The presetter arm UP detection signal has been deactivated during automatic mode.
EX0956	TWO OR MORE SENSORS ARE ON	ALM0956	A14.5	Two sensors or more have been activated during presetter mode.
EX0957	PARTS CATCHER TIME UP	ALM0957	A14.6	The parts catcher operation has not been completed within the specified time.
EX0959	BARFEEDER EMG STOP	ALM0959	A14.7	The barfeeder is in emergency stop state.
EX0962	ROBOT CYCLE TIME UP	ALM0962	A15.0	ROBOT cycle has not been specified time.
EX0964	NO MORE WORKPIECES IN ROBOT	ALM0964	A15.1	On models equipped with a ROBOT, workpieces have run out.
EX0966	ROBOT ALARM	ALM0966	A15.3	The ROBOT alarm has been output.
EX0968	NO MORE BAR STOCK	ALM0968	A15.4	Bar stock has run out.
EX0979	CHUCK CLAMP TIME UP	ALM0979	A16.3	The chuck clamp operation has not been completed within the specified time.
EX0999	SEQUENCE PROGRAM ERROR	ALM0999	A15.5	Abnormality in sequence program. Please contact your dealer.

EX1005	PUT IN THE NEW MATERIAL	ALM1005	A04.6	Please supply new work piece.
EX1024	DOOR MUST BE OPENED ONCE	ALM1024	A04.7	Open and close the door before starting a new cycle.
EX1034	POWER MUST BE OFF	ALM1034	A07.3	Must be power off.
EX1047	MACHINE SPEC. PARAM. CLEARED	ALM1047	A07.5	Parameter for machine spec. is improperly set.
EX1064	WORK NUMBER PARITY ERROR	ALM1064	A18.1	Work number search signal is shapping.
EX1067	DOOR CLOSE SIGNAL OFF	ALM1067	A17.3	Auto-door close detection signal turns off.
EX1068	DOOR OPEN/CLOSE TIME OVER	ALM1068	A17.4	Auto door open or close detect signal was not turned on within allowable time.
EX1069	DOOR SENSOR TEST ERROR	ALM1069	A17.2	Area sensor input signal (X1009.5) does not turn off.
EX1300	PRESETTER ARM NOT FULLY RAISED	ALM1300	A05.0	An M25 or M26 command has been given with the presetter arm not fully raised.
EX1301	TAILSTOCK UNCLAMPED	ALM1301	A05.1	An M25 M26 command has been given with the tailstock unclamped.
EX1302	TURRET INDEXING	ALM1302	A05.2	An M25 or M26 command has been given during turret indexing.
EX1303	M25/ M26 BUT SPINDLE ON	ALM1303	A05.3	An M25 or M26 command has been given during spindle rotation.
EX1313	M354/ M355 COM IN TAILSTOCK OUT	PER1313	A05.4	CMD of tailstock rotation in tailstock out condition.
EX1314	M354/ M355 COM IN TAILSTOCK UNCLP	PER1314	A05.5	CMD of tailstock rotation during tailstock unclamp.
EX1422	PRESETTER ARM NOT FULLY RAISED	ALM1422	A06.2	An M3 or M4 command has been given with the presetter arm not fully raised.

EX1590	CHUCK END	STROKE	ALM1590	A17.5	When an M10 command has been given chuck has not clamped within the specified time.
EX1591	CHUCK SIGNAL OFF	CLAMP	ALM1591	A17.6	A chuck clamp check signal has been deactivated without a chuck clamp command having been given.
EX1592	CHUCK CONF. SW FAIL	STROKE	ALM1592	A17.7	Two chuck stroke confirm switch haven been deactivated.
EX1921	M/S/T SAME BLOCK	CODE IN	ALM1921	A07.1	M85/M86 command abd T/S-code command have been given in the same block. Specify M85/M86 in a single block.
EX1928	DOOR NOT CLOSED		ALM1928	A07.6	Shutter open/close command has been given while the front door is not closed.
EX1934	LOWER PRESSURE	AIR	ALM1934	A18.2	Air pressure has dropped.
EX1936	CHUCK UNCLAMPED		ALM1936	A08.0	An forkardt chuck index command has been given with the chuck unclamped.
EX1937	SPINDLE ON		ALM1937	A08.1	An forkardt chuck index command has been given during spindle rotation.
EX1938	FORKARDT NOT POSITION	CHUCK HOME	ALM1938	A08.2	Forkardt chuck index command has been given while the forkardt chuck is not in the home position.
EX1946	DOOR MUST OPENED ONCE	BE	PER1946	A09.1	Open and close the door before starting a new cycle.
EX1956	ROBOT I/O ALARM		ALM1956	A17.0	Arm IN signal and it is exclusive signal both turn ON or OFF.
EX1957	ROBOT DOG ALARM	WATCH	ALM1957	A17.1	Input signals from robot (cycle start, chuck open/close, orientation commands) turn ON more than one second.
EX1963	SENSOR ALARM	BATTERY	ALM1963	A10.1	[Supatto] sensor battery alarm.
EX1970	CYCLE START FROM LOADER	ON	MER1970	A18.3	Cycle start signal on from loader during STL.

EX2027	NC OPPERATING	ON ALM2027	A08.4	Interlock key switch was turned to release side during automatic cycle or feed hold.
EX2028	PUSH BLOCK SW. ON	SINGLE ALM2028	A08.5	Cycle start button was pressed at single block OFF status.
EX2029	CYCLE START NOT PERMITTED	ALM2029	A08.6	Single block was turned off or door was opened during automatic cycle.
EX2033	DOOR DETECT	SENSOR ALM2033	A08.3	Area sensor detects obstacles after specifying auto-door close command.
EX2039	M25/M26 ERROR	COMMAND ALM2039	A08.7	A tailstock ou/in (M25/M26) command has been given without tailstock on position.
EX2443	TAILSTOCK HOME POSITION	NOT PER2443	A09.0	An M3/M4 command has been given without tailstock ON/OFF position.

MH-40
(MF-M6)
2-PP&PP
TYPE
LADDER