

Terra 54/54HV	Maintenance Schedule – UL chargers						
		C	J	G	T	Pages	1
Subjected chargers	T54/54 HV	X	X			Version	AA
	UL (US version)				Date	03-24-2023	
Estimated Time					Assistance 2 nd line support required?	No	
Created By:	Martin Williams II						

Purpose of the instruction and short description:
This maintenance schedule contains the service intervals on different components of the Tera 54 HV chargers (UL – US version).

Specific risks and attention points:
Before performing any work in the charger, follow the procedure SI-T54-0000 Safety instructions.

Maintenance Schedule:											
I	Inspection (visual inspection and required maintenance action if needed)										
P	Performance of on-site work (commissioning, tests, measurements or other activities)										
R	Replacement of component (see related service instruction)										
	Years from start up										
Service	0	1	2	3	4	5	6	7	8	9	10
Commissioning (refer to SI-T54-0002)	P										
Measurements and tests (refer to SI-T54-0005)		P	P	P	P	P	P	P	P	P	P
Improvements Based on Service Letters		I	I	I	I	I	I	I	I	I	I
Parts											
FILTER INLET KIT; 6AGC045047 (1x kit)		I	R	I	R	I	R	I	R	I	R
FILTER OUTLET KIT; 6AGC045048 (1x kit)		I	I	I	I	R	I	I	I	I	I
INSERT AND HOLDER* 6AGC082994		I	I	I	I	R	I	I	I	I	R
FAN POWER MODULE 6AGC077980		I	I	I	I	R	I	I	I	I	R
FAN CABINET 6AGC085100		I	I	I	I	R	I	I	I	I	R
FUSE UR DC NH 000 AR, 200A; 6AGC069412 (1x)		I	I	I	I	R	I	I	I	I	R
HMI/Q7 ASSY; 6AGC063670*		I	I	I	I	R	I	I	I	I	R
POWER SUPPLY;24VDC (1x) 6AGC065011		I	I	I	I	R	I	I	I	I	R
POWER MODULE; 6AGC070989		I	I	I	I	I	I	I	I	I	R
CPI COMBO CCS ASSY HW1.0; 6AGC084570 (1x)		I	I	I	I	I	I	I	I	I	R
CPI CHADEMO ASSY; 6AGC104390		I	I	I	I	I	I	I	I	I	R
CPI AC 4EPY530132R1		I	I	I	I	I	I	I	I	I	R
DC OUTLET CONTACTOR;125A; 6AGC066559 (1x)		I	I	I	I	I	I	I	I	I	R

*Apart from the time related maintenance there are several components which wear with the use. At this moment this use is not counted or calculated.

Air Filters: Environment characteristic and number of charging sessions may require additional replacement of the air filter during the lifetime of the charger.

Maintenance schedule based on 20 charge sessions a day.

Consumables	Notes
Cables with connectors (CCS, Chademo and AC)	Replace after 10.000 mattings
T54 Insert and holders	Yearly inspection, replace after 5 years

Consumables are parts that will degrade faster based on weather, number of charging sessions and customer handling. They are not covered under warranty unless approved after RMA