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FAULT CODE	DESCRIPTION	TROUBLESHOOT
VCM		
E100	Throttle signal fault (mismatch between throttle 1 and 2)	Calibrate the Throttle Position Sensors (TPS).
E101	Seat switch fault (mismatch between seat 1 and 2)	Check seat switch connector. Sit in seat properly, do not lean to the side.
E102	Chute switch fault (mismatch between chute 1 and 2)	Remove and re-install the chute or mulch plug.
E103	Button hold fault – Start/Stop (held for >10s)	Button was held down for more than 10 seconds.
E104	Button hold fault – RCM (held for >10s)	Button was held down for more than 10 seconds.
E105	Button hold fault – Cruise (held for >10s)	Button was held down for more than 10 seconds.
E106	Button hold fault – Headlight (held for >10s)	Button was held down for more than 10 seconds.
E107	Button hold fault – PTO (held for >10s)	Button was held down for more than 10 seconds.
E108	Pre-charge failure (BACs failed to charge to B+)	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E109	Communication failure (VCM not receiving communication from BACs)	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E110	Parameter CRC fault (safety critical parameters have changed)	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E111	VCM internal fault (microelectronic check failure)	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E112	Welded contactor fault (system contactor enabled at start-up, prior to VCM command)	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E113	Left Traction Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E114	Right Traction Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E115	Left Deck Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E116	Right Deck Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
VCM (CONTINUED)		
E117	Mid Deck Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E118	Traction Direction	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E119	Reverse Mow	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E120	Battery 1 Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E121	Battery 2 Communication	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E122	Right Throttle	Calibrate the Throttle Position Sensors (TPS).
E123	Precharge Battery Voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E124	Precharge Contactor	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E125	Contactor Weld	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E126	Invalid Battery Activation	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E127	Regen Power On	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E128	Battery or Charger Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E129	Invalid Battery Configuration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E132	Precharge Left Traction Volts	Unplug and replug in the red power connectors at the controllers. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E133	Precharge Right Traction Volts	Unplug and replug in the red power connectors at the controllers. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E134	Precharge Left Deck Volts	Unplug and replug in the red power connectors at the controllers. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E135	Precharge Right Deck Volts	Unplug and replug in the red power connectors at the controllers. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E136	Contactor Left Traction Volts	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E137	Contactor Right Traction Volts	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E138	Contactor Left Deck Volts	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E139	Contactor Right Deck Volts	Please contact your local servicing dealer or the CRAFTSMAN customer service.
LEFT DECK OR SINGLE MOTOR		
E200	Controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E201	Phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E202	Current sensor calibration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E203	Current sensor over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E204	Controller over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
LEFT DECK OR SINGLE MOTOR (CONTINUED)		
E205	Motor Hall sensor fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E206	Controller under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E207	POST static gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E208	Network communication timeout	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E209	Instantaneous phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E210	Motor over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E211	Throttle voltage outside range	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E212	Instantaneous controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E213	Internal error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E214	POST dynamic gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E215	Instantaneous under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E220	No Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E221	MOS Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E222	Hardware Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E223	Software Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E224	Phase Loss	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E225	Hall Fault	Disconnect and reconnect the deck motor connectors. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E226	Overvoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E227	Undervoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E228	Drive Shaft Lock	Bent blade or clogged with grass. If motor is damaged, take to dealer for service.
E233	Power Loss	Remove key, wait 20 seconds, reinsert key.
E235	Communication Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E236	Controller Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E237	Motor Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E238	Motor Temp Sensor Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
RIGHT DECK MOTOR		
E300	Controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E301	Phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E302	Current sensor calibration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E303	Current sensor over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E304	Controller over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E305	Motor Hall sensor fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E306	Controller under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E307	POST static gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E308	Network communication timeout	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E309	Instantaneous phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E310	Motor over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E311	Throttle voltage outside range	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E312	Instantaneous controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E313	Internal error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E314	POST dynamic gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E315	Instantaneous under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E320	No Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E321	MOS Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E322	Hardware Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E323	Software Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E324	Phase Loss	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E325	Hall Fault	Disconnect and reconnect the deck motor connectors. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E326	Overvoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E327	Undervoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
RIGHT DECK MOTOR (CONTINUED)		
E328	Drive Shaft Lock	Bent blade or clogged with grass. If motor is damaged, take to dealer for service.
E333	Power Loss	Remove key, wait 20 seconds, reinsert key.
E335	Communication Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E336	Controller Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E337	Motor Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E338	Motor Temp Sensor Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
MIDDLE DECK MOTOR		
E400	Controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E401	Phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E402	Current sensor calibration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E403	Current sensor over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E404	Controller over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E405	Motor Hall sensor fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E406	Controller under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E407	POST static gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E408	Network communication timeout	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E409	Instantaneous phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E410	Motor over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E411	Throttle voltage outside range	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E412	Instantaneous controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E413	Internal error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E414	POST dynamic gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E415	Instantaneous under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E420	No Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E421	MOS Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
MIDDLE DECK MOTOR (CONTINUED)		
E422	Hardware Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E423	Software Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E424	Phase Loss	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E425	Hall Fault	Disconnect and reconnect the deck motor connectors. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E426	Overvoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E427	Undervoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E428	Drive Shaft Lock	Bent blade or clogged with grass. If motor is damaged, take to dealer for service.
E433	Power Loss	Remove key, wait 20 seconds, reinsert key.
E435	Communication Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E436	Controller Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E437	Motor Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E438	Motor Temp Sensor Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
LEFT OR SINGLE DRIVE MOTOR		
E500	Controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E501	Phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E502	Current sensor calibration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E503	Current sensor over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E504	Controller over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E505	Motor Hall sensor fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E506	Controller under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E507	POST static gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E508	Network communication timeout	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E509	Instantaneous phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E510	Motor over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E511	Throttle voltage outside range	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
LEFT OR SINGLE DRIVE MOTOR (CONTINUED)		
E512	Instantaneous controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E513	Internal error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E514	POST dynamic gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E515	Instantaneous under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E520	No Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E521	MOS Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E522	Hardware Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E523	Software Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E524	Phase Loss	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E525	Hall Fault	Disconnect and reconnect the deck motor connectors. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E526	Overvoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E527	Undervoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E528	Drive Shaft Lock	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E533	Power Loss	Remove key, wait 20 seconds, reinsert key.
E535	Communication Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E536	Controller Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E537	Motor Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E538	Motor Temp Sensor Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
RIGHT DRIVE MOTOR (RZTs ONLY)		
E600	Controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E601	Phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E602	Current sensor calibration	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E603	Current sensor over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E604	Controller over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E605	Motor Hall sensor fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
RIGHT DRIVE MOTOR (RZTs ONLY) (CONTINUED)		
E606	Controller under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E607	POST static gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E608	Network communication timeout	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E609	Instantaneous phase over current	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E610	Motor over temperature	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E611	Throttle voltage outside range	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E612	Instantaneous controller over voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E613	Internal error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E614	POST dynamic gating test	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E615	Instantaneous under voltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E620	No Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E621	MOS Fault	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E622	Hardware Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E623	Software Overcurrent	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E624	Phase Loss	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E625	Hall Fault	Disconnect and reconnect the deck motor connectors. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E626	Overvoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E627	Undervoltage	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E628	Drive Shaft Lock	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E633	Power Loss	Remove key, wait 20 seconds, reinsert key.
E635	Communication Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E636	Controller Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E637	Motor Overtemp	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E638	Motor Temp Sensor Failure	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
BMS (BATTERY)		
E700	Cell Over Voltage Protection 1	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E701	Cell Over Voltage Protection 2	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E702	Cell Under Voltage Protection 1	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E704	Over Temperature in Charge Protection	Allow battery to reach ambient temperature and either plug in the charger to finish charging or use the vehicle normally.
E705	Out-of-range Temperature in Discharge Protection	Cell temperature is either <-20°C or > 70°C. Warm or cool battery as needed.
E706	Over Current in Discharge Protection 1	Reduce current draw on the system, raise deck, slow down, less towing weight, etc. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E707	Over Current in Charge Protection	1. Charge unit in normal temp range. 2. Confirm correct charger is used.
E708	Over Current in Discharge Protection 2	Reduce current draw on the system, raise deck, slow down, less towing weight, etc. If it still appears, take to your local dealer for service or contact the CRAFTSMAN customer service.
E710	Cross Cond Charge	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E712	Cell Volt Sensing	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E713	Thermistor Sensing	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E714	Cell Comm Slave	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E715	BMS Error	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E800	Current Sensor Short	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E801	Current Sensor Open	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E802	High Side Relay On	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E803	High Side Relay Off	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E804	B Plus Sensor	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E805	Cell Deep Discharge	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E806	Cell Imbalance	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E807	Module Volt Delta	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E808	Module Number	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E809	Cell ID	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E810	Cell Series	Please contact your local servicing dealer or the CRAFTSMAN customer service.

FAULT CODE	DESCRIPTION	TROUBLESHOOT
BMS (BATTERY) (CONTINUED)		
E811	Cell Parallel	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E812	Master Board Type	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E813	Reserved	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E814	Current Sensor	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E815	Config Data	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E900	Over Temperature in Charge Protection (High Temp.)	Charge unit indoors or in a cooler environment.
E901	Over Temperature in Charge Protection (Low Temp.)	Charge unit indoors or in a cooler environment.
E902	Over Temperature in Discharge Protection (High Temp.)	Allow battery to cool. Reduce load on unit.
E903	Under Temperature in Discharge Protection (Low Temp.)	Warm battery up.
E904	ROM Checksum	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E905	Internal Data	Please contact your local servicing dealer or the CRAFTSMAN customer service.
E906	NVMEM Access	Please contact your local servicing dealer or the CRAFTSMAN customer service.