CROWN



Service and Parts Manual

Wartungs- und Ersatzteilhandbuch
Manuel de maintenance et de pièces detachés

GPW1000 Series

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(D)

12. Tragfähigkeit- und Typschild, Warn- und Hinweisschilder lesbar halten.

13. Änderungen oder Umbauten die den sicheren Betrieb und das Leistungsvermögen beeinflussen, sind ohne ausdrückliche Genehmigung durch Crown nicht zulässig.

14. In Ihrem eigenen Interesse empfehlen wir nur Orginal-Crown-Ersatzteile zu verwenden. Für diese Teile wurde die Zuverlässigkeit, Sicherheit und Eignung für Crown-Fahrzeuge festgestellt. Für andere Erzeugnisse können wir dies, trotz laufender Marktbeobachtung, nicht beurteilen und auch nicht dafür einstehen.

(GB)

12. Signs showing weight bearing capacity and model, warning and instruction signs should remain legible.

13. Modifications or conversions which influence operational safety and capability are not permitted without the express permission of Crown.

14. In your own interests we recommend that only original Crown spare parts are used. The reliability, safety and suitability of these parts for Crown vehicles is already established. In this respect we are not able to judge other products, in spite of on-going market observation, and therefore not able to take responsibility for them.

(F)

12. Les labels indiquant les capacités de charge et le modèle, les signes d'avertissement et leurs instructions doivent rester lisibles.

13. Les modifications ou les transformations altérant la sécurité opérationnelle et l'aptitude ne sont pas permises sans autorisation formelle de Crown.

14. Dans votre intérêt, nous recommandons que seules les pièces de rechange neuves Crown soient utilisées. La fiabilité, la sécurité et l'adéquation de ces pièces pour les véhicules Crown sont déjà assurées. A cet égard, nous sommes dans l'incapacité de juger d'autres produits malgré une observation du marché en cours et donc dans l'impossibilité d'en assumer la responsabilité.

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Trouble shooting chart

LED Code	Programmer LCD display	Explanation	Possible cause
1,2	HW FAILSAFE	hardware fail-safe error	1. controller deffective
1,3	M- FAULT	M-output shorted	1. M-output shorted to ground 2. Direction contactor not closing 3. Direction contactor not closing fast enough 4. Internal motor short to ground
1,4	SRO	SRO fault	1. Improper sequence of KSI, brake, and direction inputs 2. WrongSRO type selected. 3. Brake or direction switch circuit open. 4. Sequencing Delay too short
2,1	THROTTLE FAULT 1	5ký -0 or wiper fault	1. Throttle input wire open. 2. Throttle input wire shorted to ground or B+. 3. Throttle pot defective. 4. Wrong throttle type selected.
2,2	BB WIRING CHECK	emerg. reverse wiring fault	1. BB wire open. 2. BB check wire open.
2,3	HPD	HPD sequency fault	1. Improper seq. Of KSI, brake, throttle inputs 2. Wrong HPD type selected. 3. Misadjusted throttle pot.
2,4	THROTTLE FAULT 2	Pot Low broken or shorted	1. Pot Low wire open 2. Pot Low wire shorted 3. Wrong throttle type selected
3,1	CONT DRVR OC	driver output overcurrent	1. Direction contactor coil shorted. 2. Shunt field shorted.
3,2	DIR CONT WELDED	welded direction contactor	1. Direction contactor stuck closed.
3,4	MISSING CONTACTOR	missing contactor or shunt	1. Direction contactor coil open. 2. Direction contactor missing 3. Shunt field open. 4. Wire to shunt or direction contactor open.
4,1	LOW BATTERY VOLTAGE	low battery voltage	1. Battery voltage < 16 volts. 2. Corroded battery terminal. 3. Loose battery or controller terminal.
4,2	OVERVOLTAGE	overvoltage	1. battery voltage > 45 volts. 2. Vehicle operating with charger attached.
4,3	THERMAL CUTBACK	over-/under-temp. cutback	1. Temperature > 85°C or <-25 °C. 2. Excessive load on vehicle. 3. Improper mounting of controller. 4. Operation in extreme environments.

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