

CARMANSCAN VG 64

DIAGNOSTIC INNOVATION FOR PROFESSIONAL USERS



FEATURES

NEW GRAPHIC USER INTERFACE

- FASTER OPERATION SPEED
- USER FRIENDLY INTERFACE

NEW LCD AND TOUCH SCREEN

- BRIGHTER SCREEN
- RESPOND WITH HIGH ACCURACY

DIAGNOSIS ONLY WITH BATTERY (OBD I TYPE VEHICLE)

- NO NECESSITY TO CONNECT CIGAR JACK FOR COMMUNICATION

UNDER DEVELOPMENT FUNCTIONS

- CAN WAVEFORM MEASUREMENT (10MHZ SAMPLING)
- DIAGNOSIS HISTORY MANAGEMENT PROGRAM
- ※ THIS WILL BE UPGRADED BY NEW PATCH FILE ON VG64

6 OR 8 CYLINDER DIS SYSTEM MEASUREMENT

- MEASUREMENT OF 6 OR 8 CYLINDERS WITHOUT EXTRA CONNECTOR
- ※ DLI IGNITION PICKUP IS REQUIRED FOR THE TEST. (OPTION PART)

ULTIMATE VEHICLE COVERAGE

- KOR., JAP. (ASIAN TRUCK AND HEAVY VEHICLES)
- EURO., USA, AUSTRALIAN VEHICLE SUPPORT

BATTERY LEAKAGE CURRENT : 300uA(ABOUT)

LONG LIFE BATTERY / OPERATION SYSTEM : WINCE 5.0

NOISELESS AUDIO DEVICE / CORE : GEODE LX800 - 500MHZ

PC SCAN : AVAILABLE WITH PC

SPECIFICATION

HARDWARE

- SYSTEM : 512MB DD-RAM
- STORAGE MEDIUM : HDD 40GB
- DISPLAY : WIDE 7" COLOR LCD, TOUCH SCREEN, VGA OUT
- COMM. PORT : DLC PORT, HOST USB 1.1, USB 2.0, CLIENT LAN, RS-232
- BATTERY : PCM LI-ION BATTERY, OPERABLE FOR ABOUT 1 HOUR
- INTERNAL MEMORY : 64MB

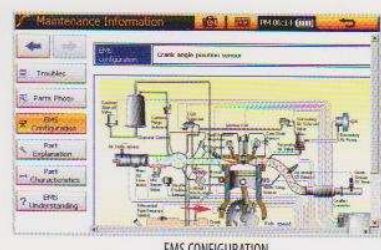
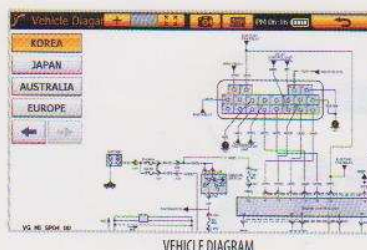
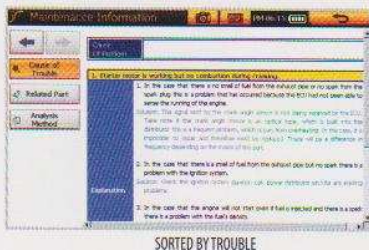
PROTOCOL

- U J1850 (VPW, PWM)
- U CAN, J1587
- U SW CAM
- U KWP2000
- U CCD
- U HI-SPEED SERIAL
- U ISO 9141-2

SCOPE & METER

- **SCOPE SPEC.**
- 4-CHANNEL DIGITAL SCOPE
- VOLTAGE MEASUREMENT RANGE : $\pm 500V$
- GROUND LEVEL ADJUSTMENT FUNCTION
- WAVEFORM STORAGE FUNCTION
- **METER SPEC.**
- 4-CHANNEL MULTI-METER
- VOLTAGE MEASUREMENT : $\pm 500VDC$
- FREQUENCY MEASUREMENT : 0 ~ 200KHz
- DUTY MEASUREMENT : 0 ~ 100%
- RESISTANCE MEASUREMENT : 0 ~ 10M Ω
- TEMPERATURE MEASUREMENT : -20 ~ 150 $^{\circ}C$
- PRESSURE MEASUREMENT : VACUUM - 100PSI
- PRESSURE - 200KPA

SERVICE INFORMATION



SCAN FUNCTION

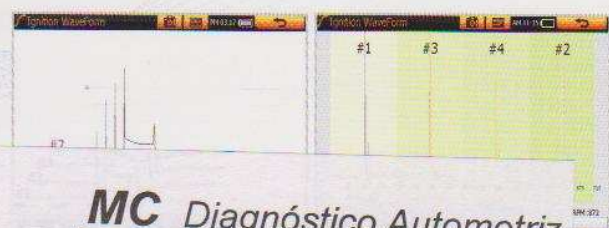


SCOPE & METER FUNCTION



SENSOR PRINT OUT (TEXT)

SENSOR DATA TEST	VALUE	UNIT	MIN	MAX
BATTERY VOLTAGE	14.1	V	14.1	14.1
VEHICLE SPEED SENSOR	0.0	KPH	0.0	0.0
MASS AIR FLOW	632.4	kg/h	360.0	2402.0
MASS AIR FLOW	930	kg/h	510	2050.0
INT AIR TEMP SENS	76.6	Y	79.3	81.4
ACCEL POSITION SENS	0.0	%	0.0	80.0
Gas Andover ACCEL POSITION SENS 1	798.7	mV	686.3	1011.0
Gas Andover ACCEL POSITION SENS 2	813.4	mV	0.0	894.4
COOLANT TEMP. SENSOR	116.0	Y	106.4	116.0



CARMAN

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- Diagnostico especializado para el mercado ecuatoriano.
- Escaner multimarca para vehículos japoneses, coreanos, americanos, europeos, australianos y chinos.
- Protocolos OBD I, OBD II CAN.
- Reprogramador de llaves (solamente Kia, Hyundai y Mazda).
- Diagnostico de Motor, Transmision, ABS, AIRBAG, ETC.
- Reprogramador de Inyectores Diesel.
- Capacidad de hasta 20 sensores en pantalla.
- Operacion por menu y manual en espanol.
- Diagnostico TPMS (Tire Pressure Monitor System) (opcional).
- Escanea vehiculos Diesel livianos.
- Función de lectura de codigos de falla con ayuda de referencia.
- Record de vuelo, opcion de grabar los parametros durante un recorrido para su posterior analisis.
- Operacion en motores Gasolina y algunos Diesel (CRDi).
- Diagnostico OBD II Estandar, incluye todos los protocolos SAE J180 (PWM,VPW), KWP 2000, ISO 9141-2, ISO 14230 SAJ1587.
- Incorpora diagnóstico para red CAN BUS.
- Osciloscopio de 4 canales.
- Salida de voltaje para activacion de sensores.

