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Service Bulletin D19-007

X   Information Only
Product Update – Warranty
Product Update - Non Warranty
Action Required

Date:
April 03, 2019

To:
Mobile Crane Distributor Service Managers
Mobile Crane Field Support Personnel

Subject:
GMK Diagnostic Tools

Model(s) Affected:
GMK

PURPOSE:

Manitowoc Crane Care understands that it may be difficult to keep track of all the diagnostic tools that are required for fault finding and programming of GMK cranes.

Over the years, there have been different versions of crane operating systems, rated capacity limiters and engine / transmission combinations on GMK cranes. These all require some variation of cables and tools to perform the necessary interaction.

To help you identify all these old and new GMK diagnostic cables and tools, Manitowoc Crane Care has compiled the attached reference slides.

Should you have any questions or complications, please contact Manitowoc Crane Care.

GMK DIAGNOSTIC TOOLS

ECOS V1 (EST) Dongle

Part Number: 03007831

Where used: GMK EST ECOS

Training required: GMK Legacy (on request)

ECOS V1 (EST) Cable

Part Number: 04157357

Where used: GMK EST ECOS

Training required: GMK Legacy (on request)

ECOS V1 (EST) Cable (Customer)

Part Number: 04157352

Where used: GMK EST ECOS

Training required: GMK Legacy (on request)

ECOS V2 (ESX), EKS & CCS PCAN USB Dongle

Part Number: 04157349

Where used: GMK ESX ECOS, EKS 5, CCS, ECOS Steer by Wire

Training required: GMK 3.1, 4.1, 5.1 and 7.1

ECOS V2 (ESX) & CCS Cable

Part Number: 04157371

Where used: GMK ESX ECOS, CCS, ECOS Steer by Wire, Steer by Wire ME

Training required: GMK 3.1, 4.1 and 7.1

ECOS GMK 4075 – S/No 001 to 119 cable

Part Number: 03056585

Where used: Only used at GMK 4075 first Models. S/N: 001 to 119

Training required: GMK Legacy (on request)

ECOS V2 (ESX) Cable 9 Service Software Customer

Part Number: 04157386

Where used: GMK Service Software Superstructure

Training required: GMK Legacy (on request)

ECOS V2 (ESX) Cable 15 Customer Carrier

Part Number: 04157387

Where used: ECOS V2 ESX Cranes Service Software Carrier Customer

Training required: GMK Legacy (on request)

ECOS V2 (ESX), EKS 5, CCS Switchbox

Part Number: 03056586

Where used: GMK ESX, EKS 5, CCS

Training required: GMK 3.1, 4.1 and 5.1

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De Lock Dongle

Part Number: 04161313

Where used: USB to RS 232 - required with current generation computers (FDTI chip set must be installed).

Training required: Any GMK diagnostics

EKS 5.1 Switchbox Cable

Part Number: 03121428

Where used: Sensor setting EKS 5.1

Training required: GMK 5.1

EKS 4, 5.1 & 5 Cable

Part Number: 04157353

Where used: to calibrate and configure parameters in EKS 4 and 5.1 units (as emergency for EKS 5)

Training required: GMK 5.1

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EKS 3 / 83 Dongle

Part Number: 03143738

Where used: to calibrate and configure parameters in EKS 3 and 83 units

Training required: GMK Legacy (on request)

CraneSTAR Data Loading Cable (V1)

Part Number: A063010

Where used: with Morey TCUs

Training required: on request

CraneSTAR 'TART' Cable (V2)

Part Number: (order by name)

Where used: with John Deere TCUs

Training required: on request

ECOS 'Steer By Wire' Cable

Part Number: 03125031

Where used: ECOS Steer by Wire

Training required: GMK 7.1

Part Number: 04182394

Where used: Steer by Wire 'Mobil Elektronik'

Training required: GMK 7.1

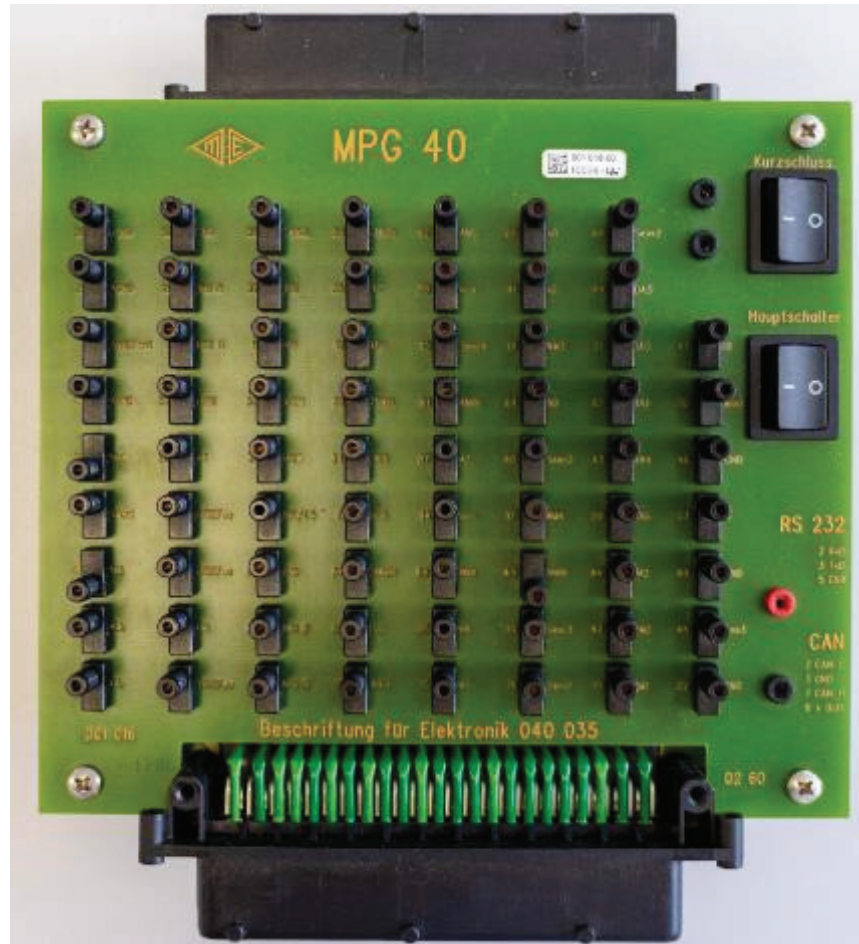# ME 'Steer By Wire' cable for external monitor

Part Number: 04241471

Where used: Between Monitor and Diagnostic device

Training required: GMK 7.1

ME 'Steer By Wire' Breakout Box

Part Number: 04182395

Where used: Steer by Wire 'Mobil Elektronik'

Training required: GMK 7.1

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ME 'Steer By Wire' Cable for Breakout Box

Part Number: 04182396

Where used: Steer by Wire 'Mobil Elektronik'

Training required: GMK 7.1

Webasto Diagnostic Kit & Dongle

Part Number: 04241168

Where used: Webasto IHVAC and Heaters

Training required: GMK 9.1

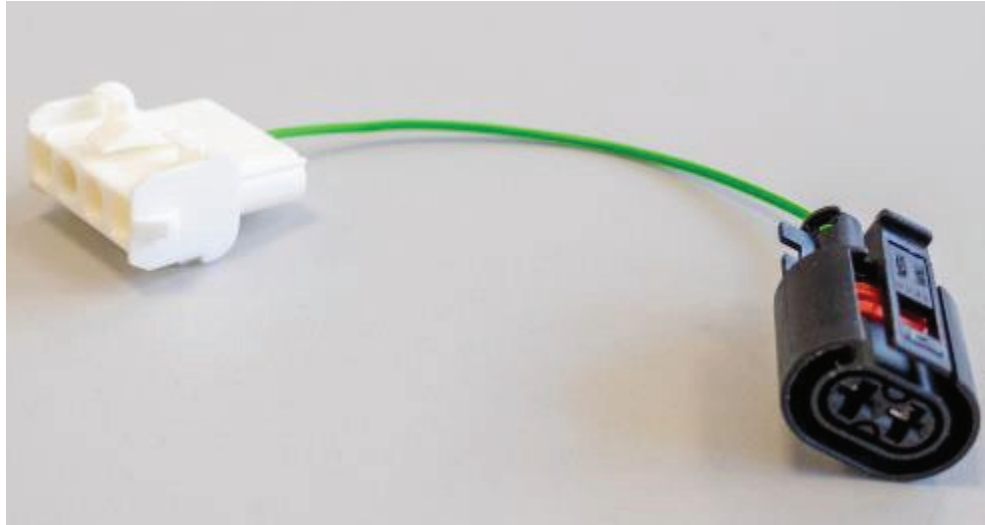# Webasto Air Top EVO IHVAC 40 & 55 Adaptor

Part Number: 04241169

Where used: Webasto IHVAC

Training required: GMK 9.1

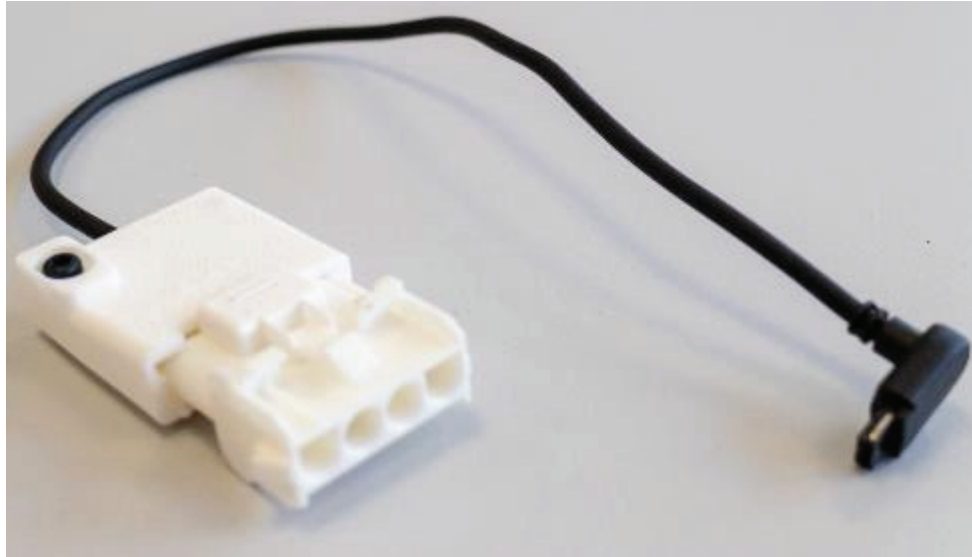# Webasto Air TOP & Thermo Top Adaptor

Part Number: 04241170

Where used: Webasto with K-Line bus Systems

Training required: GMK 9.1

Webasto Smart / Multicontrol Adaptor

Part Number: 04241171

Where used: Webasto Multcontrol
user interface

Training required: GMK 9.1

ZF Testman Pro

Part Number: 04161312

Where used: GMK with ZF
Transmission (GMK 3060 and 6400)

Training required: GMK 6.3

Mercedes xd4imo

Part Numbers:
    Hardware: 04241445
    Software: 04160703 Version "OEM",
                04160702 Version "Workshop"
                04166062 Version "Service"
    (Annual license fee - 3 years minimum)

Where used: Mercedes and MTU Components, all Machines with OBD 2 Connector (V2)

Training required: GMK 6.1, 6.2

Mercedes xd4imo OBD connector V1

Part Number: 04256801

Where used: Mercedes Engine with
OBD Connector V1 plug

Training required: GMK 6.1

Cummins InLine 6

Part Number: 04181160

Where used: Cummins Engine

Training required: GMK 6.3