## WIRING DIAGRAM INDEX, 12V

<table>
<thead>
<tr>
<th>NAME</th>
<th>DESCRIPTION</th>
<th>Page</th>
<th>NAME</th>
<th>DESCRIPTION</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AA</td>
<td>POWER DISTRIBUTION 1/2</td>
<td>2</td>
<td>FA</td>
<td>AIR DRYER / HEATED DRAIN</td>
<td>26</td>
</tr>
<tr>
<td>AB</td>
<td>POWER DISTRIBUTION 2/2</td>
<td>3</td>
<td>FB</td>
<td>CHASSIS SOLENOIDS</td>
<td>27</td>
</tr>
<tr>
<td>AC-O</td>
<td>KEY SW., START &amp; CHARGING</td>
<td>4</td>
<td>FC-O</td>
<td>VICKERS PUMP (PACKER &amp; PLOW) WORKBRAKE SOLENOID, &amp; HOUR METER</td>
<td>28</td>
</tr>
<tr>
<td>AD</td>
<td>GROUNDING</td>
<td>5</td>
<td>FD</td>
<td>PARKER PTO</td>
<td>29</td>
</tr>
<tr>
<td>BA</td>
<td>VEHICLE ECU 1/4</td>
<td>6</td>
<td>GA-O</td>
<td>LIGHTING CONTROLS</td>
<td>30</td>
</tr>
<tr>
<td>BB</td>
<td>VEHICLE ECU 2/4</td>
<td>7</td>
<td>GD-O</td>
<td>LIGHTING – FORWARD / SIGNAL WITH PLOW LAMP PROVISION</td>
<td>31</td>
</tr>
<tr>
<td>BC</td>
<td>VEHICLE ECU 3/4</td>
<td>8</td>
<td>GF</td>
<td>LIGHTING - TAIL LAMP</td>
<td>32</td>
</tr>
<tr>
<td>BD</td>
<td>VEHICLE ECU 4/4</td>
<td>9</td>
<td>GG</td>
<td>TRAILER LIGHTING CONTROL</td>
<td>33</td>
</tr>
<tr>
<td>BE-O</td>
<td>INSTRUMENT CLUSTER 1/3</td>
<td>10</td>
<td>GH</td>
<td>LH / RH LIGHTING CONTROLS INTERIOR LIGHTING</td>
<td>34</td>
</tr>
<tr>
<td>BF</td>
<td>INSTRUMENT CLUSTER 2/3</td>
<td>11</td>
<td>GP</td>
<td>WIPER / WASHER</td>
<td>35</td>
</tr>
<tr>
<td>BG</td>
<td>INSTRUMENT CLUSTER 3/3</td>
<td>12</td>
<td>GQ</td>
<td>HORN WIRING</td>
<td>36</td>
</tr>
<tr>
<td>BH</td>
<td>ALLISON BODY BUILDER INTERFACE</td>
<td>13</td>
<td>HA</td>
<td>CLIMATE CONTROL US10 STYLE ROOF A/C</td>
<td>37</td>
</tr>
<tr>
<td>BJ</td>
<td>BODY LINK II CONSTRUCTION BODY BUILDER CIRCUITS</td>
<td>14</td>
<td>IC</td>
<td>MIRROR CONTROL 1/2</td>
<td>38</td>
</tr>
<tr>
<td>BM</td>
<td>BODY LINK II REFUSE BODYBUILDER CIRCUITS</td>
<td>15</td>
<td>ID</td>
<td>MIRROR CONTROL 2/2</td>
<td>39</td>
</tr>
<tr>
<td>CA-O</td>
<td>ENGINE INTERFACE MP7</td>
<td>16</td>
<td>KA</td>
<td>AUDIO &amp; VISUAL SYSTEM</td>
<td>40</td>
</tr>
<tr>
<td>CB</td>
<td>DPF CONTROL SYSTEM</td>
<td>17</td>
<td>KB</td>
<td>AUDIO SYSTEMS</td>
<td>41</td>
</tr>
<tr>
<td>CC</td>
<td>ENGINE HEATER</td>
<td>18</td>
<td>KC</td>
<td>POWER OUTLET CONNECTIONS</td>
<td>42</td>
</tr>
<tr>
<td>CD</td>
<td>AUXILLARY COOLING FANS (NOT USED)</td>
<td>19</td>
<td>NA-O</td>
<td>SPARE CONNECTORS &amp; FEEDS</td>
<td>43</td>
</tr>
<tr>
<td>CF</td>
<td>UREA DOSING SYSTEM 1/2</td>
<td>20</td>
<td>NB-O</td>
<td>JUNCTION POSTS</td>
<td>44</td>
</tr>
<tr>
<td>CH</td>
<td>UREA DOSING SYSTEM 2/2</td>
<td>21</td>
<td>XA-O</td>
<td>DATA LINK / DIAGNOSTICS</td>
<td>45</td>
</tr>
<tr>
<td>DC</td>
<td>TRANSMISSION CNTR:4 GENERATION 1/3</td>
<td>22</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DD</td>
<td>TRANSMISSION CNTR:4 GENERATION 2/3</td>
<td>23</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EC-O</td>
<td>JUNCTION POSTS -DPF</td>
<td>24</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED</td>
<td>ABS8 BENDIX</td>
<td>25</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
VEHICLE ECU 3/4 – DCL CONNECTOR

WIRING DIAGRAM: BC

MACK
Mack Trucks Inc.

Document title: WIRING DIAGRAM
Document type: PRODUCT SCHEMATIC
Drawing No.: 22525262
Reviser: 01
Page: 8 (45)
BODY LINK II CONSTRUCTION BODYBUILDER CIRCUITS

X31A Junction Block, 7 Post, Body Builder

X41 Junction Block, 7 Post, Options

A36_3_CHASSIS

BB BODY BUILDER CIRCUITS

MACK Trucks Inc.
UREA DOSING SYSTEM OBD2013 2/2

BATT
IGN
EMS
ILLUM

ECU SUPPLY
ECU SUPPLY
ECU SUPPLY
KEY SWITCH
INPUT
TEMP UPSTRM CAT.
TEMP DNSTRM CAT.
V5EXT2 GND
TEMP AFTER DPF
V5EXT1 SUPPLY
UREA PRESS.
SUPPLY 1 TO ACTUATORS
UREA PUMP
REVERT VALVE CONTROL
UREA PUMP CONTROL
UREA TANK HEATING
HSS4 TO LOADS
H CAN2
UREA INJ HS
UREA INJ LS
UREA TANK LEVEL
SUPPLY 1 TO ACTUATORS
H CAN
UREA HEATER OUT 3
UREA HEATER OUTPUTS 1 AND 2
ECU GND
ECU GND
ECU GND

A137B

34 62 59 12 56 61 60 44 40 46 7 37 39 1 2 6 8 10 14 18 26 41 42 49 38 30 24 28 3 57 51 53 54 55 58 32

EMA24A1−1.0
EMA28A2−1.0
EMA59A2−1.0
EMA59A3−1.0
EMA59A1−2.0
EMA28A1−1.0
SPEMA59A1
FCUT:2
FCUT:3
FCUT:4
EMA32A1−1.0
EMA30A1−1.0
EMA28A2−1.0
EMA24A1−1.0
EMA59A1−2.0
SPEMA59A1
EM24A1−1.0
EM28A2−1.0
EM59A2−1.0
EM59A3−1.0
EM28A1−1.0
EM59A1−2.0
SPEMA59A1

R31
HEATER, NOxCARE PUMP TO INJECTOR HOSE

R29
HEATER, NOxCARE TANK TO PUMP HOSE
Air Dryer, Cooling Tank Heated Drain Valve, And Wet Tank Heated Drain Valve
MIRROR CONTROL 2/2

WIRING DIAGRAM: ID

S030A
SWITCH, MIRROR CONTROL

S030
SWITCH, MIRROR CONTROL

BATT
IGN
EMS
ILLUM

MIRROR ADJ. SW

RH+R + O O + G O
B C D G F E

LH+R + G O + O O

RH+L G O O G + O
LH+L G + O G O O

RH+U O O + O G +
LH+U O G + O O +

RH+D O O G O + G
LH+D O + G O O G

S030A
SWITCH, MIRROR CONTROL

MIRROR ADJ. SW

RH+R + O O + G O
B C D G F E

LH+R + G O + O O

RH+L G O O G + O
LH+L G + O G O O

RH+U O O + O G +
LH+U O G + O O +

RH+D O O G O + G
LH+D O + G O O G

LH HEATED & RH HEATED AND MOTORIZED MIRRORS