

**CHAPTER**

**77**

**ENGINE INDICATING**



737-800

## WIRING DIAGRAM MANUAL

### CHAPTER 77 ENGINE INDICATING

| CH-SC-SU              | Schem | Page | Sheet | Date        | CH-SC-SU | Schem | Page | Sheet | Date |
|-----------------------|-------|------|-------|-------------|----------|-------|------|-------|------|
| 77-EFFECTIVE PAGES    |       |      |       |             |          |       |      |       |      |
|                       |       | 1    |       | Jun 21/2016 |          |       |      |       |      |
|                       |       | 2    |       | BLANK       |          |       |      |       |      |
| 77-CONTENTS           |       |      |       |             |          |       |      |       |      |
| R                     |       | 1    |       | Jun 21/2016 |          |       |      |       |      |
|                       |       | 2    |       | BLANK       |          |       |      |       |      |
| 77-ALPHABETICAL INDEX |       |      |       |             |          |       |      |       |      |
|                       |       | 1    |       | Aug 15/2013 |          |       |      |       |      |
|                       |       | 2    |       | BLANK       |          |       |      |       |      |
| 77-12-11              |       |      |       |             |          |       |      |       |      |
| R                     |       | 1    |       | Jun 21/2016 |          |       |      |       |      |
| 77-12-21              |       |      |       |             |          |       |      |       |      |
| R                     |       | 1    |       | Jun 21/2016 |          |       |      |       |      |
| 77-21-11              |       |      |       |             |          |       |      |       |      |
| R                     |       | 1    |       | Jun 21/2016 |          |       |      |       |      |
| 77-31-11              |       |      |       |             |          |       |      |       |      |
|                       |       | 1    |       | Aug 15/2013 |          |       |      |       |      |
| R                     |       | 2    |       | Jun 21/2016 |          |       |      |       |      |
| 77-31-21              |       |      |       |             |          |       |      |       |      |
|                       |       | 1    |       | Aug 15/2013 |          |       |      |       |      |
|                       |       | 2    |       | Mar 14/2016 |          |       |      |       |      |
|                       |       | 3    |       | Mar 14/2016 |          |       |      |       |      |
| R                     |       | 4    |       | Jun 21/2016 |          |       |      |       |      |

A = Added, R = Revised, D = Deleted, O = Overflow

## 77-EFFECTIVE PAGES

Page 1  
Jun 21/2016

D280A351



737-800

## WIRING DIAGRAM MANUAL

### CHAPTER 77 ENGINE INDICATING

|   | Title  | CH-SC-SU | Schem | Page | Sheet | Date        | Effectivity |
|---|--|----------|-------|------|-------|-------------|-------------|
|   | <b>ENGINE TACHOMETER SYSTEM</b>                        |          |       |      |       |             |             |
| I | ENGINE N1 SPEED INDICATION                             | 77-12-11 |       | 1    |       | Jun 21/2016 | ALL         |
| I | ENGINE N2 SPEED INDICATION                             | 77-12-21 |       | 1    |       | Jun 21/2016 | ALL         |
|   | <b>EXHAUST GAS TEMPERATURE (EGT) INDICATING SYSTEM</b> |          |       |      |       |             |             |
| I | ENGINE EXHAUST GAS TEMPERATURE INDICATION              | 77-21-11 |       | 1    |       | Jun 21/2016 | ALL         |
|   | <b>AIRBORNE VIBRATION MONITORING (AVM) SYSTEM</b>      |          |       |      |       |             |             |
|   | ENGINE 1 VIBRATION MONITORING SYSTEM                   | 77-31-11 |       | 1    |       | Aug 15/2013 | YT101-YT103 |
| I |  |          |       | 2    |       | Jun 21/2016 | YT104-YT133 |
|   | ENGINE 2 VIBRATION MONITORING SYSTEM                   | 77-31-21 |       | 1    |       | Aug 15/2013 | YT101-YT103 |
|   |  |          |       | 2    |       | Mar 14/2016 | YT104-YT105 |
|   |  |          |       | 3    |       | Mar 14/2016 | YT106-YT120 |
| I |  |          |       | 4    |       | Jun 21/2016 | YT126-YT133 |

## 77-CONTENTS

D280A351

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Page 1  
Jun 21/2016



737-800

## WIRING DIAGRAM MANUAL

### CHAPTER 77 ENGINE INDICATING

| CH-SC-SU | Title                                     |
|----------|---|
| 77-31-11 | ENGINE 1 VIBRATION MONITORING SYSTEM      |
| 77-31-21 | ENGINE 2 VIBRATION MONITORING SYSTEM      |
| 77-21-11 | ENGINE EXHAUST GAS TEMPERATURE INDICATION |
| 77-12-11 | ENGINE N1 SPEED INDICATION                |
| 77-12-21 | ENGINE N2 SPEED INDICATION                |

## 77-ALPHABETICAL INDEX

D280A351

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

Page 1  
Aug 15/2013



**77-12-11**

Page 1

Jun 21/2016

D280A351

**77-12-11**

Page 1

Jun 21/2016

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## ENGINE N2 SPEED INDICATION

**77-12-21**

Page 1

Jun 21/2016

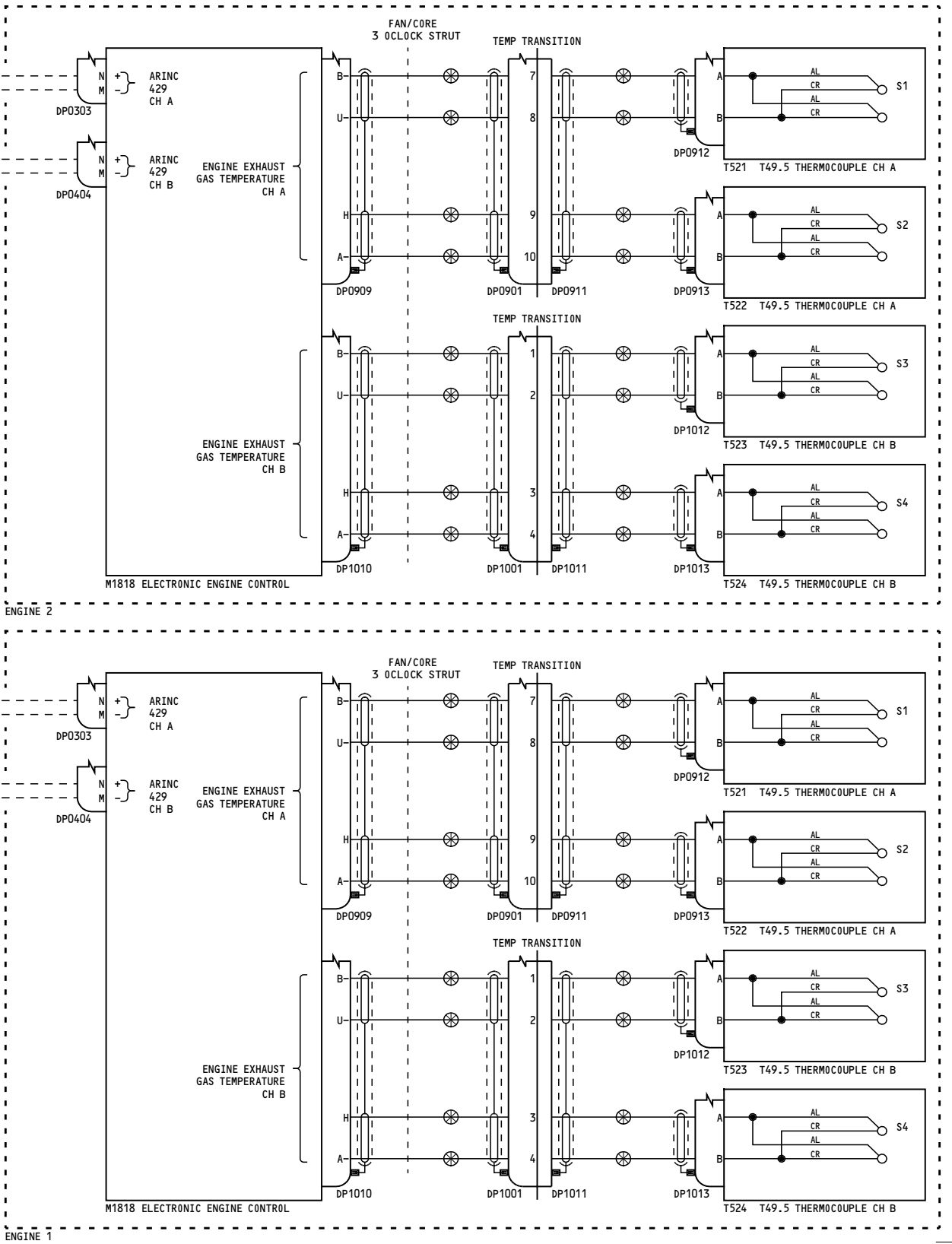
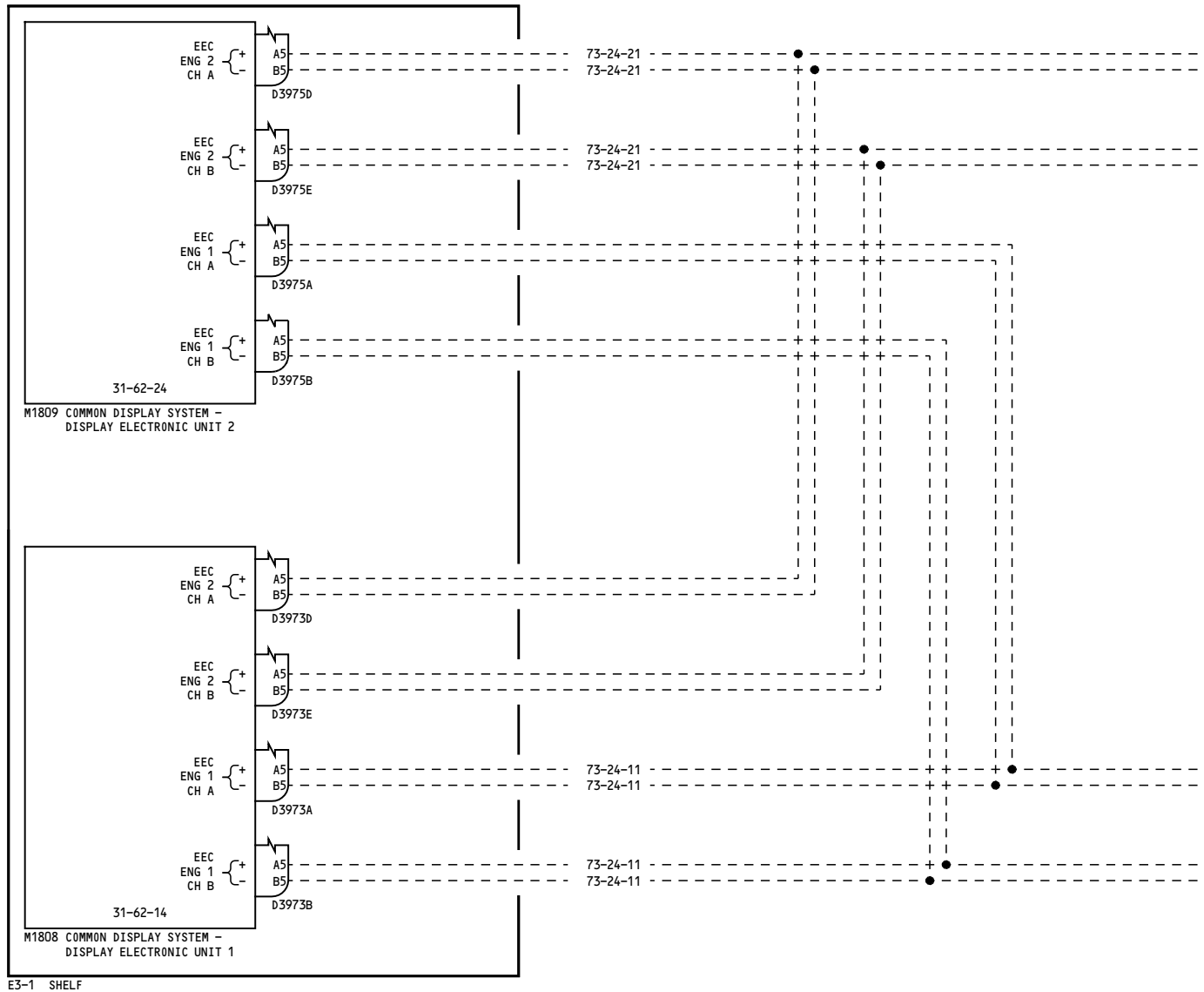
D280A351

**77-12-21**

Page 1

Jun 21/2016

-C  
1



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|-----|---|
| ALL | ENGINE EXHAUST GAS TEMPERATURE INDICATION |
|     | D280A351                                  |

77-21-11

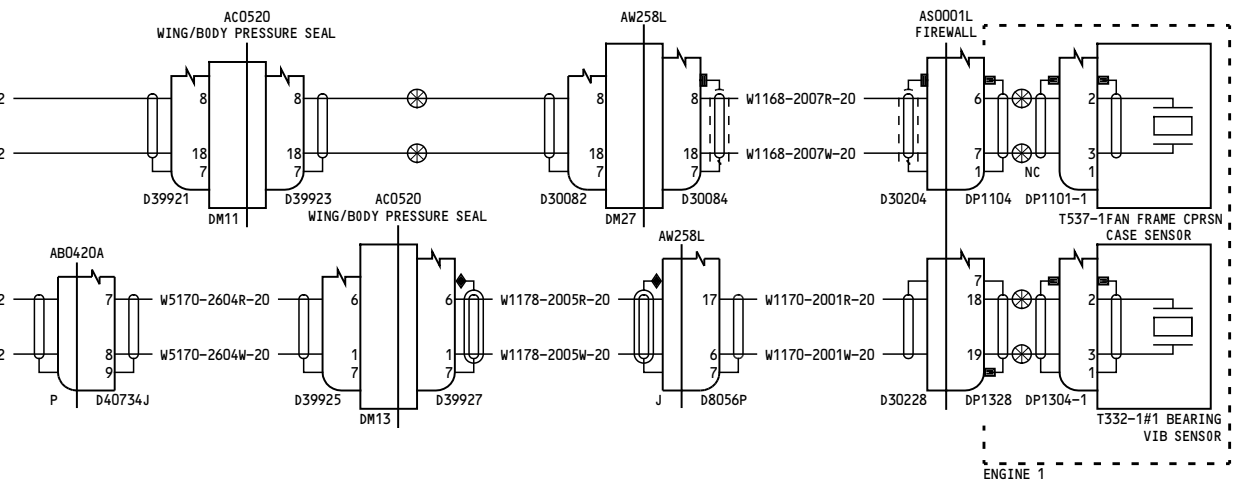
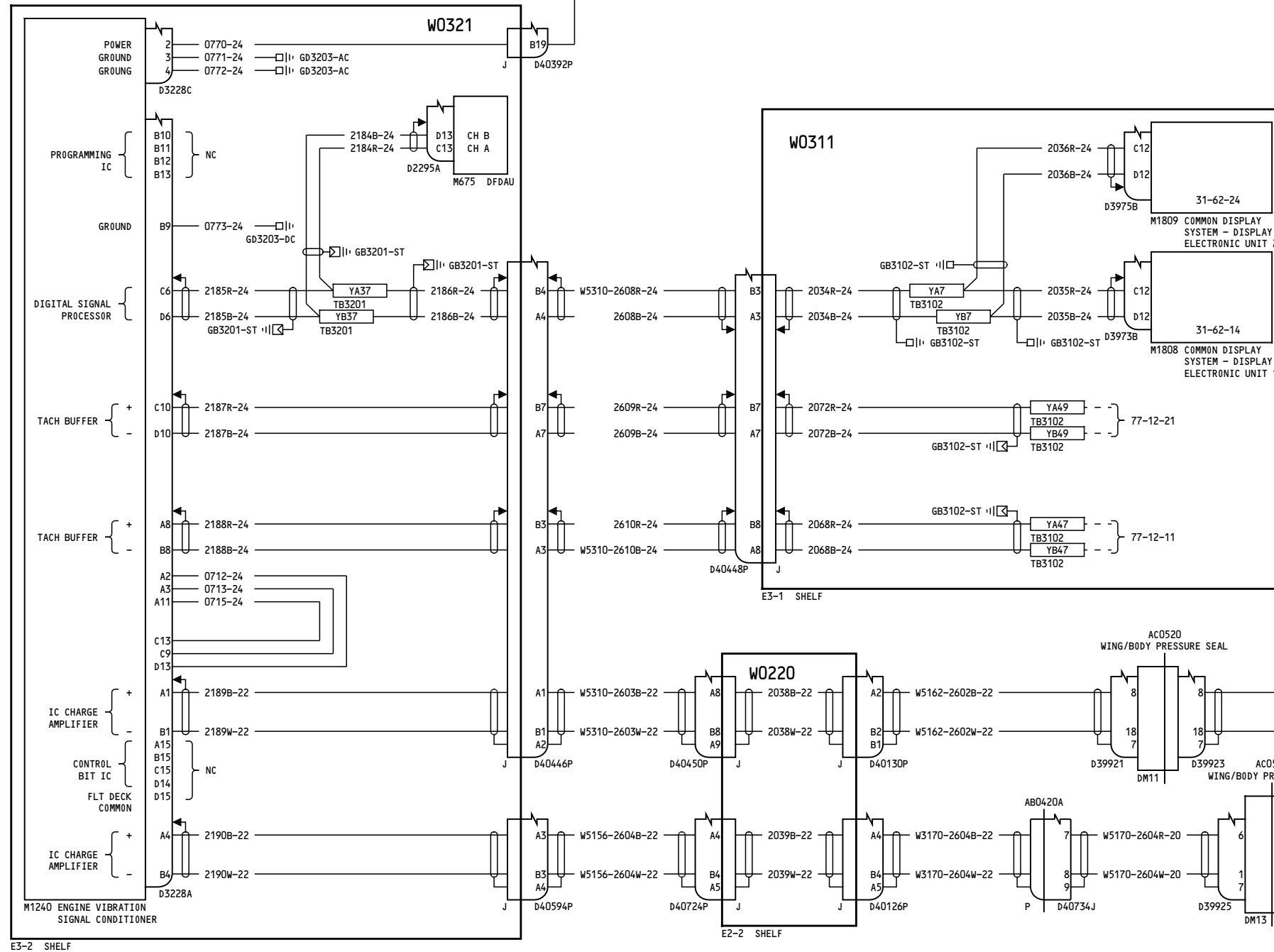
Page 1

Jun 21/2016

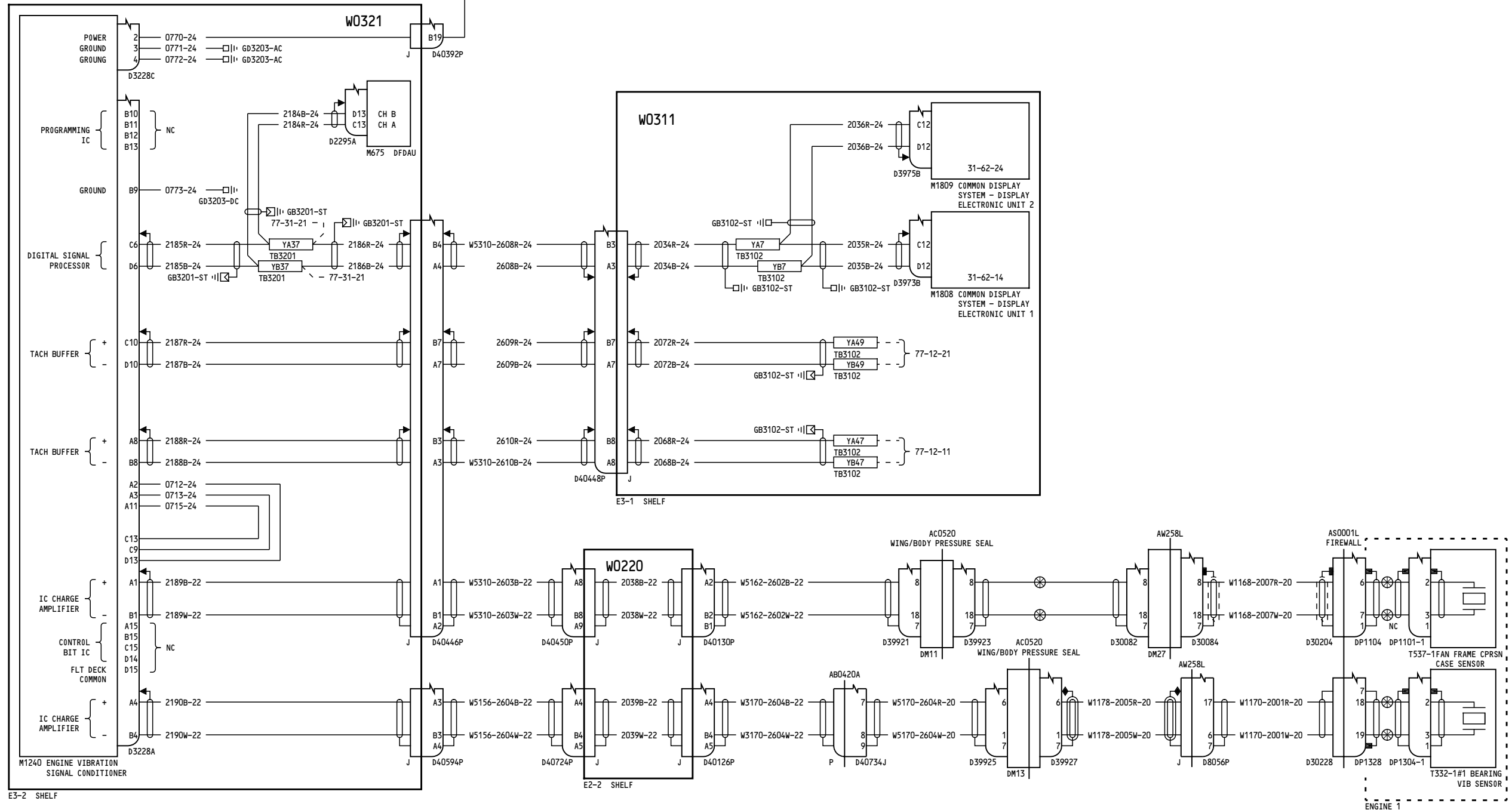
77-21-11

Page 1

Jun 21/2016





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Jun 21/2016

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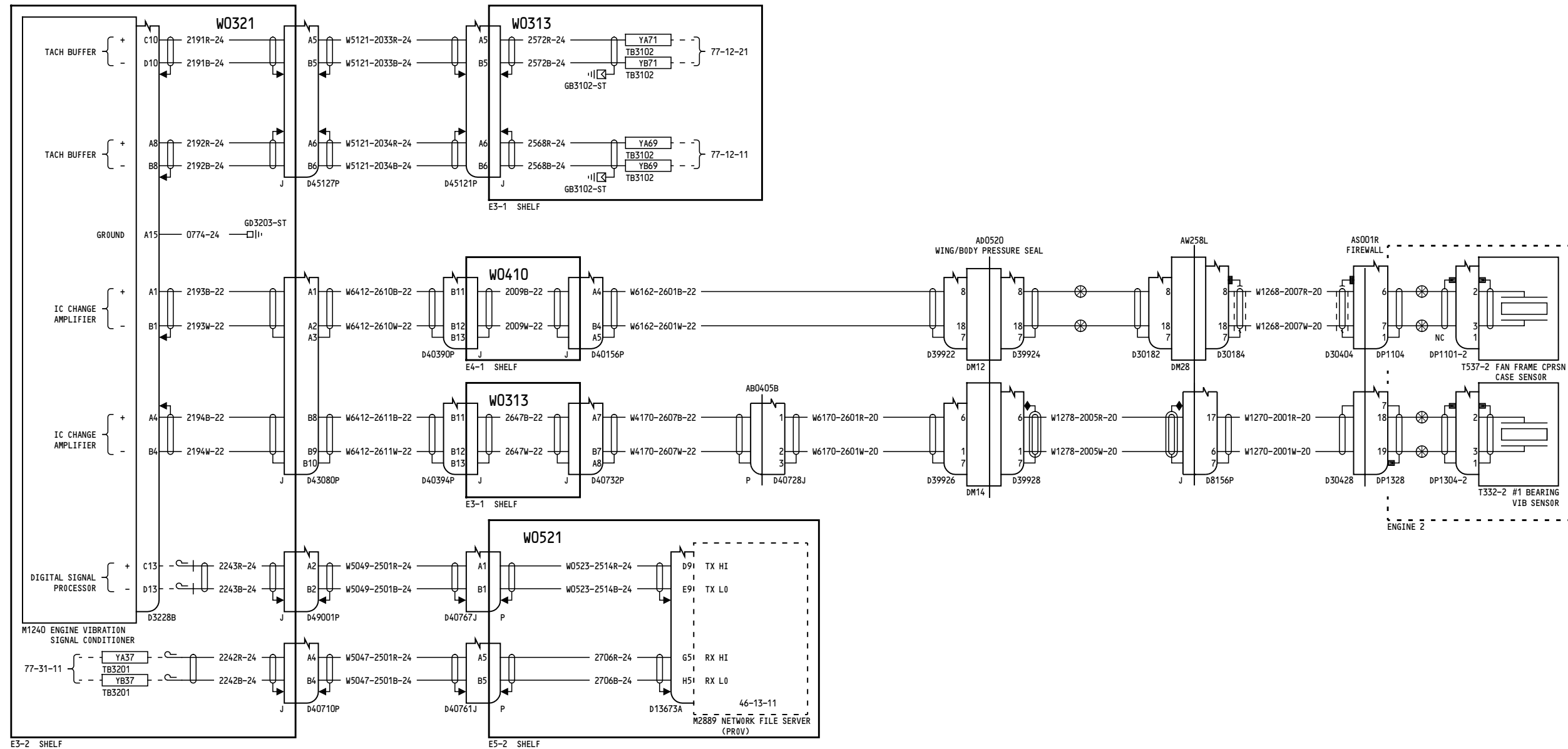


The diagram illustrates the wiring for the E3-2 SHELF, which is connected to the E3-1 SHELF and various sensors. The components and their connections are as follows:

- W0321:**
  - TACH BUFFER:**
    - Inputs: C10 (2191R-24), D10 (2191B-24)
    - Outputs: A5 (W5121-2033R-24), B5 (W5121-2033B-24)
  - TACH BUFFER:**
    - Inputs: A8 (2192R-24), B8 (2192B-24)
    - Outputs: A6 (W5121-2034R-24), B6 (W5121-2034B-24)
  - GROUND:** A15 (0774-24) connected to Gd3203-ST.
  - IC CHANGE AMPLIFIER:**
    - Inputs: A1 (2193B-22), B1 (2193W-22)
    - Outputs: A1 (W6412-2610B-22), A2 (W6412-2610W-22)
  - DIGITAL SIGNAL PROCESSOR:**
    - Inputs: C13, D13 (NC)
    - Outputs: A4 (2194B-22), B4 (2194W-22)
  - M1240 ENGINE VIBRATION SIGNAL CONDITIONER:**
    - Inputs: A4 (2194B-22), B4 (2194W-22)
    - Outputs: A4 (W6412-2611B-22), B8 (W6412-2611W-22)
- W0313:**
  - 77-12-21:**
    - Inputs: A5 (2572R-24), B5 (2572B-24)
    - Outputs: A5 (YA71), B5 (TB3102, YB71)
  - 77-12-11:**
    - Inputs: A6 (2568R-24), B6 (2568B-24)
    - Outputs: A6 (YA69), B6 (TB3102, YB69)
- W0410:**
  - 2009B-22:**
    - Inputs: B11 (2009B-22), B12 (2009W-22)
    - Outputs: A4 (W6162-2601B-22), A5 (W6162-2601W-22)
- W0313:**
  - 2647B-22:**
    - Inputs: B11 (2647B-22), B12 (2647W-22)
    - Outputs: A7 (W4170-2607B-22), A8 (W4170-2607W-22)
- W0313:**
  - W1278-2005R-20:**
    - Inputs: A7 (W1278-2005R-20), A8 (W1278-2005W-20)
    - Outputs: A7 (W1270-2001R-20), A8 (W1270-2001W-20)
- Sensors and Connectors:**
  - M1240 ENGINE VIBRATION SIGNAL CONDITIONER:**
    - Inputs: A4 (2194B-22), B4 (2194W-22)
    - Outputs: A4 (W6412-2611B-22), B8 (W6412-2611W-22)
  - T537-2 FAN FRAME CPRSN CASE SENSOR:**
    - Inputs: A4 (W1278-2005R-20), A8 (W1278-2005W-20)
    - Outputs: A7 (W1270-2001R-20), A8 (W1270-2001W-20)
  - T332-2 #1 BEARING VIB SENSOR:**
    - Inputs: A7 (W1278-2005R-20), A8 (W1278-2005W-20)
    - Outputs: A7 (W1270-2001R-20), A8 (W1270-2001W-20)

Aug 15/2013

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YT104-YT105

## ENGINE 2 VIBRATION MONITORING SYSTEM

D280A351

**77-31-21**

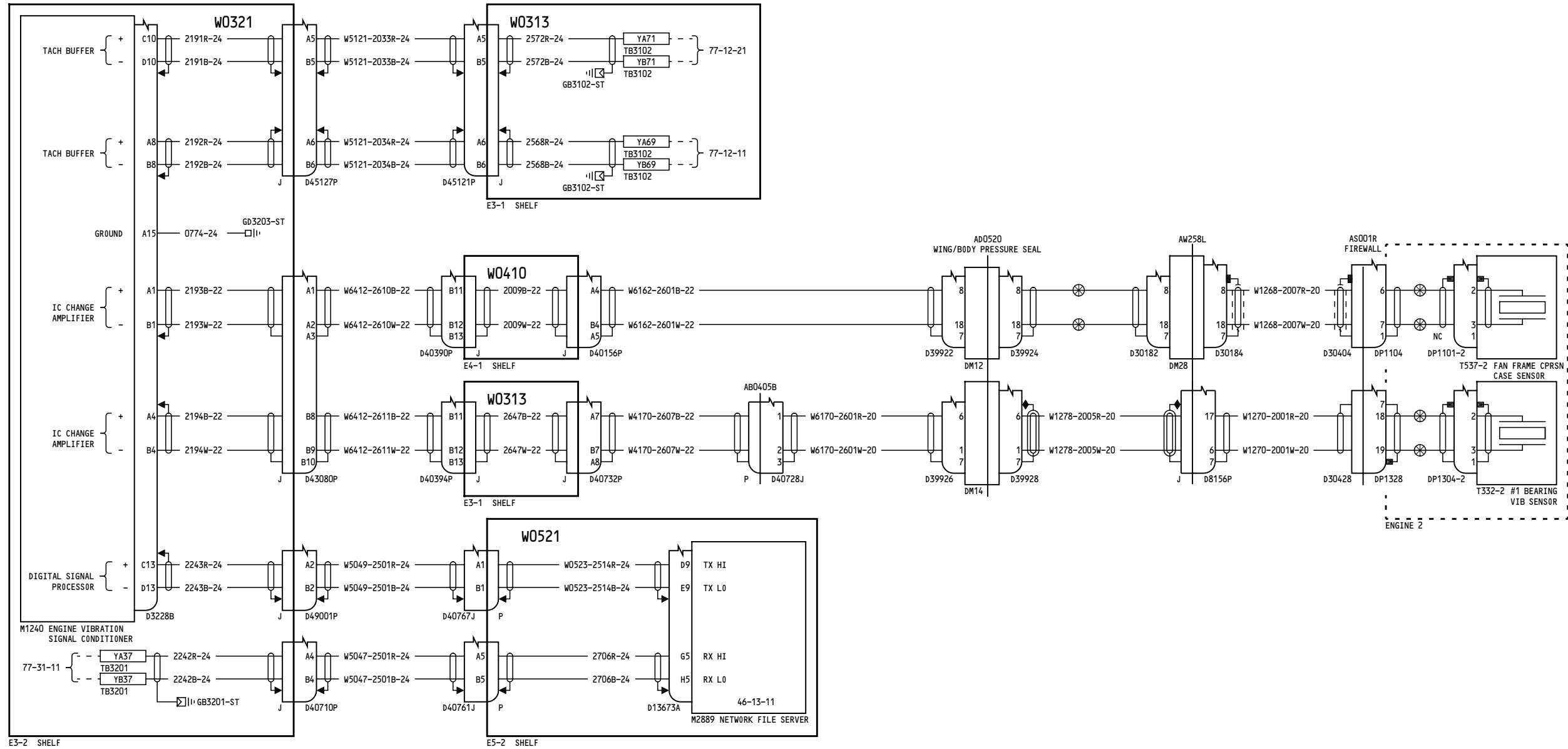
Page 2

Mar 14/2016

**77-31-21**

Page 2

Mar 14/2016



YT106-YT120

## ENGINE 2 VIBRATION MONITORING SYSTEM

77-31-21

Page 3

Mar 14/2016

D280A351

77-31-21

Page 3

Mar 14/2016

