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Coding Information

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Title: Sleeper Bunk Cabinet Door Latch Installation and Alignment Concerns

Applies To: LT, RH, Sleepers

CHANGE LOG

Please refer to the change log text box below for recent changes to this article:

05/12/2021 - Adding the cabinet alignment procedure
 05/08/2018 - Updated service parts information
 04/20/2018 - Initial Article Release

DESCRIPTION

This document will guide the user through the installation of a magnetic cabinet door latch and correcting alignment issue on International sleepers with upper bunk cabinets. The magnetic latch will provide additional rigidity between the cabinet door and door frame and the alignment procedure will help assure the cabinet is mounted squarely in to the cab. It will also provide a better visual appearance of the cabinet door fitment once the these procedures are completed.

The vehicle build date will determine the parts needed for the repair. Please reference the service parts information below to determine the correct parts for the repair. Units built after January 1st 2018 require different hardware for the repair.

The cabinet installation alignment procedure applies to all build dates.

SYMPTOM(s)

Diagnostic Trouble Code(s) & Dashboard Indicator Light(s):

- Not Applicable

Customer Observations or Concerns:

- Excessive gap between cabinet door and door frame
- Cabinet door does not always stay closed.
- Cabinet and or the door seems to be out of alignment or twisted.

SPECIAL TOOL(s) / SOFTWARE

Not Applicable

SERVICE PARTS INFORMATION FOR LATCH

Trucks built **after** January 01 2018 use list below:

Kit Description	Part Number	Quantity Required	Notes
Plate Striker OHC	3715180C1	1	
Magnetic Catch Latch	4092766C1	1	
Screw	3715181C1	1	

Trucks built **before** January 01 2018 use list below:

Kit Description	PartNumber	Quantity Required	Notes
Plate Striker OHC	3715180C1	1	
Magnetic Catch Latch	4092766C1	1	
M3x10mm or 5-40x1/2 screw		1	***Source Local
M3 or 5-40 Washer		1	***Source Local
M3 or 5-40 Lock Washer		1	***Source Local
M3 or 5-40 Nut		1	***Source Local

DIAGNOSTIC STEP(s)

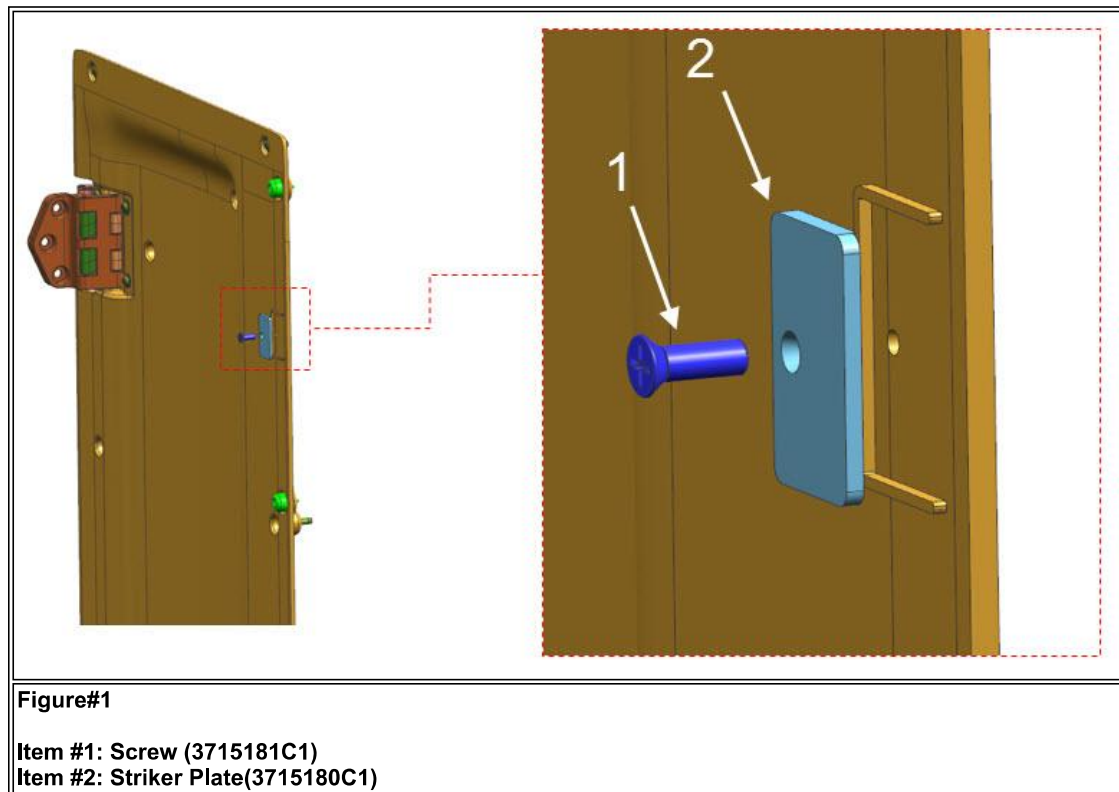
Not Applicable

REPAIR STEP(s)

MAGNETIC LATCH INSTALLATION PROCEDURE (Trucks Built After January 01 2018):

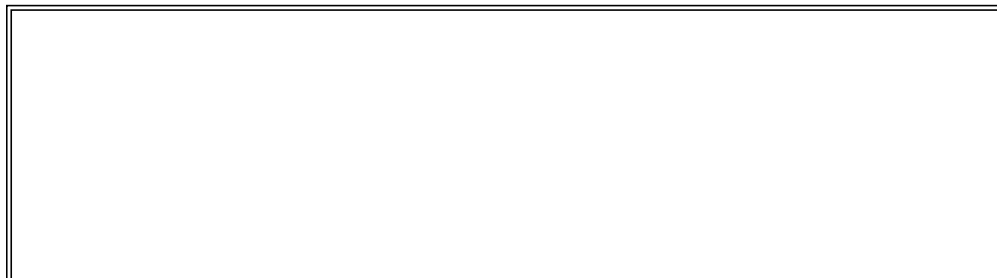
Step 1 - Position the striker plate in the inner door panel and secure it with the required screw (Figure #1). Hand tighten this screw to avoid stripping the plastic door assembly.

NOTE: Left side is shown below. The right side is symmetrically opposite.



Step 2 - Install the magnetic latch into the cabinet assembly (Figure #2). It will snap into the premolded cutout.

NOTE: Left side is shown below. The right side is symmetrically opposite.



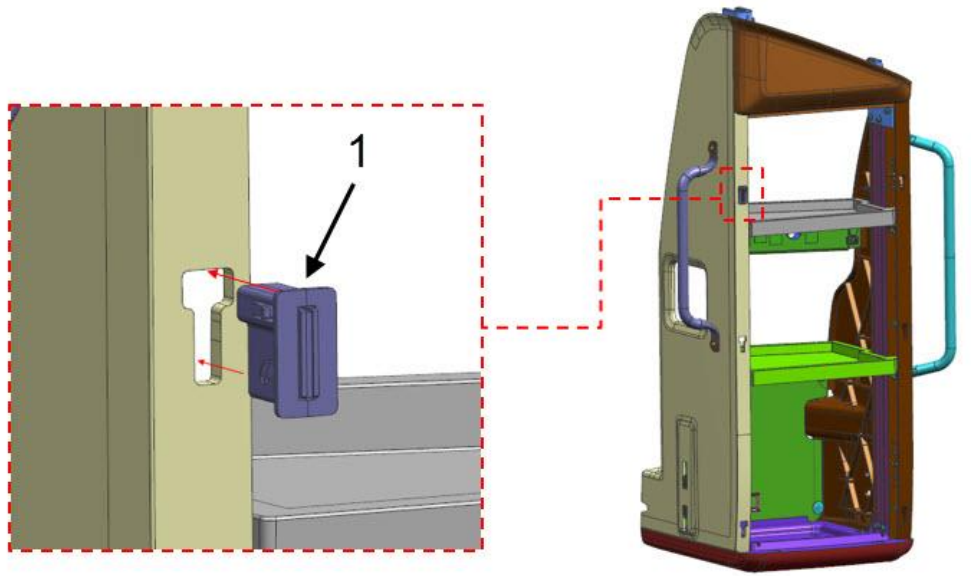


Figure #2

Item #1: Magnet Latch (4092766C1)

INSTALLATION PROCEDURE (Trucks Built Before January 01 2018):

Step 1 - Remove door from cabinet. There are 6 T25 screws securing the door (Figure#3)

NOTE: Left side is shown below. The right side is symmetrically opposite.

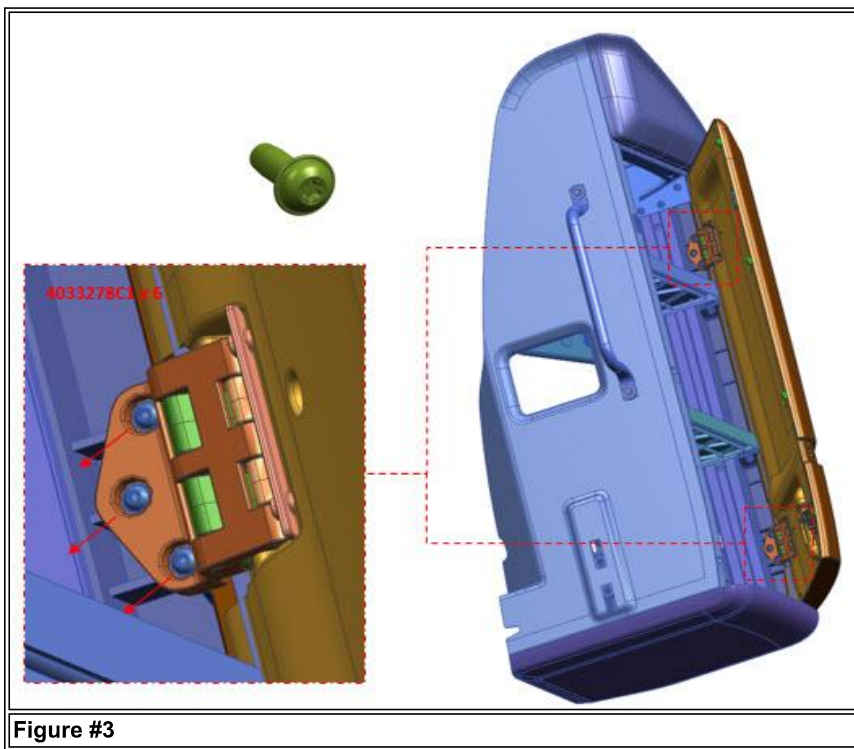
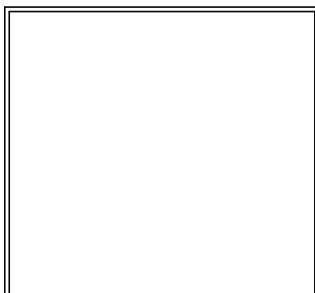


Figure #3

Step 2 - Disassemble the inner and outer cabinet door. There are 15 T25 screws on the door (Figure #4)



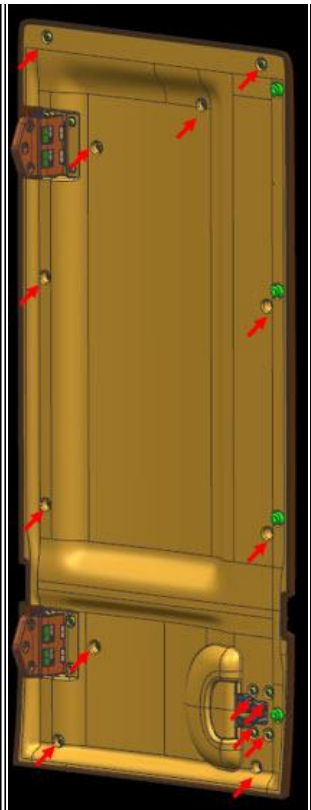


Figure #4

Step 3 - Measure and drill the strike plate mounting hole on the inner cabinet door (Figure #5)

- a. Measure 153mm from the top edge
- b. Measure 19mm from the latch side edge
- c. Drill M3 hole through inner door



Figure #5

Step 4 - Assemble striker plate onto the cabinet door as shown in (Figure #6)



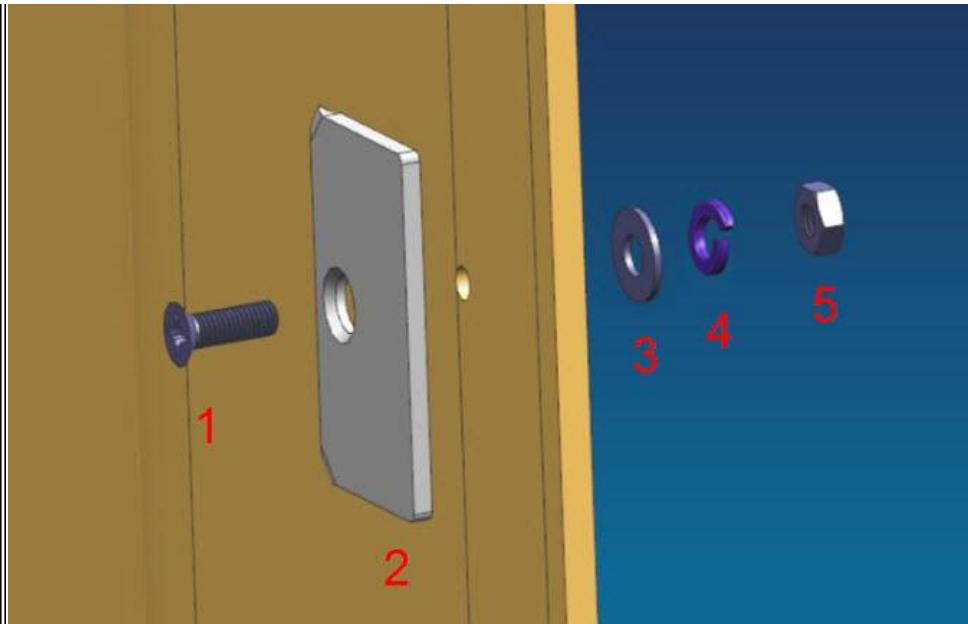


Figure #6

- Item #1: Screw (**Source Local)
- Item #2: Striker Plate (3715180C1)
- Item #3: Washer (**Source Local)
- Item #4: Lock washer (**Source Local)
- Item #5: Nut (**Source Local)

Step 5 - Reassemble inner and outer cabinet door. Then reinstall door assembly onto the cabinet frame. Follow the sequence below when tightening the screws (Figure#7).

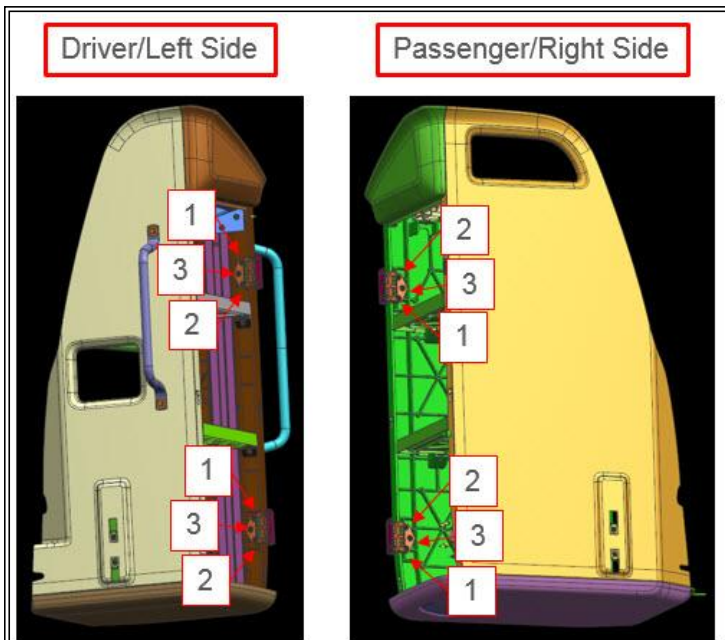
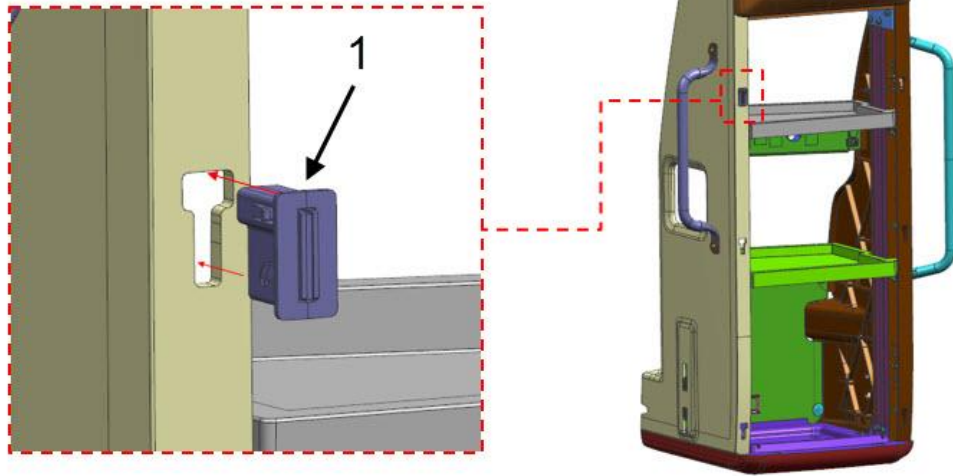


Figure #7

NOTE: Numbers indicate assembly sequence for screws

Step 6 - Snap the magnetic latch into the cabinet frame (Figure #8)





Figure#8

Item #1 - Magnetic Latch (4092766C1)

UPPER LEFT BUNK CABINET INSTALLATION & ALIGNMENT PROCEDURE

NOTE: If the door does not stay latched, the cabinet may have been skewed during installation causing the latch to not line up properly with the striker.

Check the door latch and how it strikes the cabinet. If it looks like the latch side of the door is sitting low and hitting the very bottom of the striker, the cabinet can be loosened and adjusted to correct this condition.

Try reinstalling the cabinet using the bolt tightening sequence shown below following this diagram. You may not have to fully remove the bolts, just loosen, them to allow some movement to the cabinet prior to re-tightening.

Loosen all 8 bolts: (2X#38, 2X #34, 4X #30)

Be sure to follow the torques listed in figure #8 for each fastener as some locations are different than others.

2X #38 2X M10 BOLTS (ITEM 10) HALFWAY INTO ROOF PRIOR TO CABINET INSTALLATION. THEN HANG THE CABINETS TEMPORARILY ON THE TAB FEATURE ON THE MIDDLE BRACKET AND THE PRE-SCREWED BOLTS IN THE ROOF

N11 - BOLT SEQUENCE: 1 - #38 Top Back

N12 - BOLT SEQUENCE: 2 - #34 Right Side Back

N13 - BOLT SEQUENCE: 3 - #34 Right Side Front

N14 - BOLT SEQUENCE: 4 - #30 Outer Right Top

N15 - BOLT SEQUENCE: 5 - #30 Outer Right Bottom

N16 - BOLT SEQUENCE: 6 - #30 Inner Left Top

N17 - BOLT SEQUENCE: 7 - #30 Inner Left Bottom

N18 - BOLT SEQUENCE: 8 - #38 Top Front

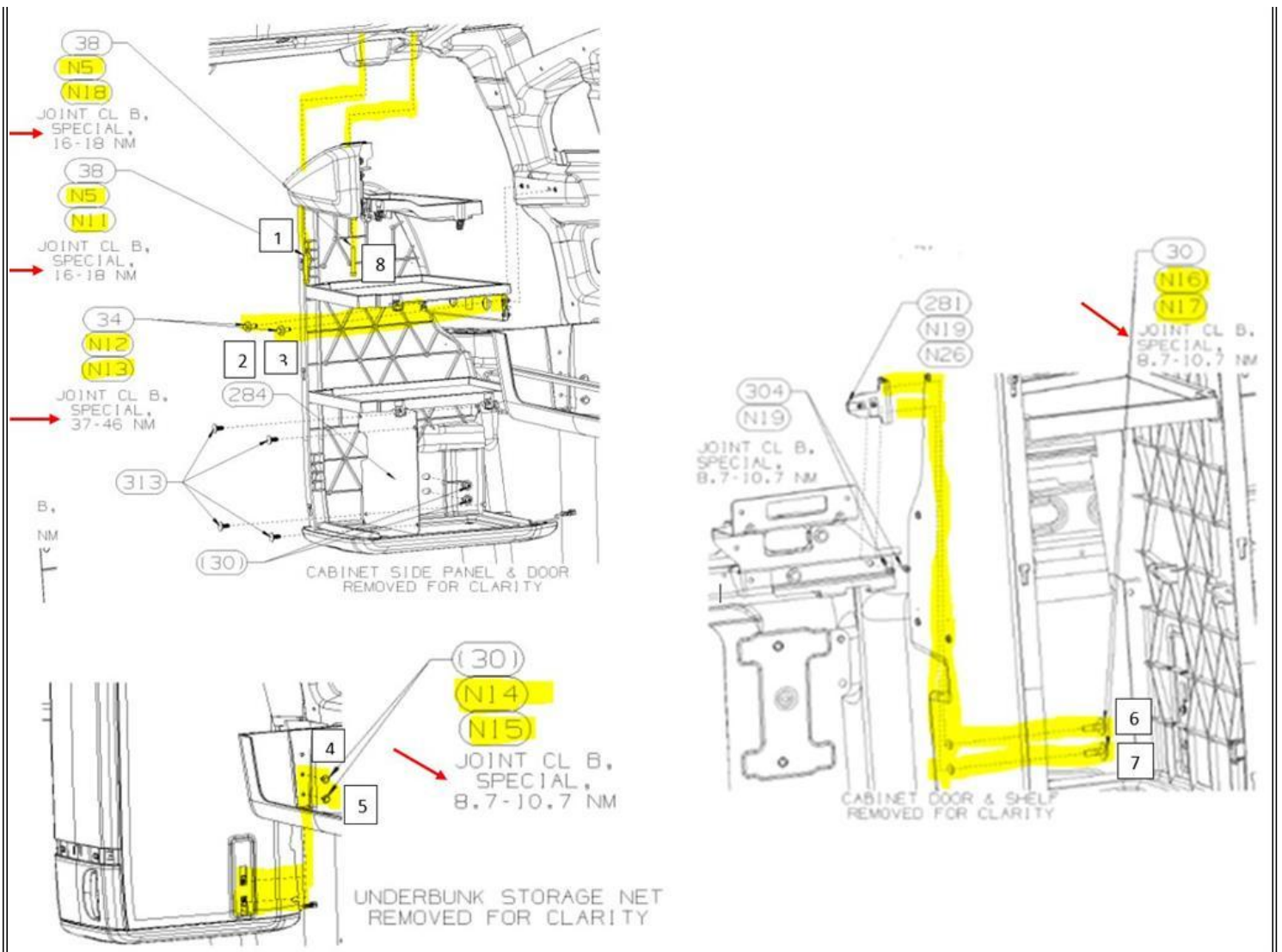


Figure #8- Installation torque sequence for upper left bunk cabinet.

WARRANTY INFORMATION

Warranty Claim Coding:

Refer to the [Warranty Coding Manual](#) for Group and Noun Codes.

Standard Repair Time(s):

Refer to the [SRT Manual](#) for Repair Times

OTHER RESOURCES

[Master Service Information Site](#)

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