

Technical Service Information

NAVISTAR[®]

TSI-12-16-02R2

This TSI replaces 12-16-02R1

Date: NOVEMBER 2015

Subject File: CAB / BUS BODY

Subject: Change in Seat Belt Manufacturer – Inspection and Replacements

Model: All Bus Models
End Date: 21 March 2010

Model: All Truck Models
End Date: 02 May 2010

DESCRIPTION

This TSI affects all buses and trucks built on or before the dates listed above, as well as those equipped with factory-installed seat belts.

Starting on 22 March 2010 for bus models, and 03 May 2010 for truck models, all seat belts were provided by a new supplier because the old vendor discontinued production. The components of the new belt system are not interchangeable with the components of the old belt system; therefore, they cannot be intermixed for service. *Example – If you require a replacement 3-point retractable seat belt, you will be required to replace the seat belt tether as well, as a set.*

Seat belts in a commercial vehicle are considered to have a finite service life and should be inspected and replaced at established intervals, or earlier as required. Seat belts should be inspected for wear every 20,000 miles. Belts subject to severe environmental or vocational conditions should be inspected more often. All seat belts should be replaced regardless of condition every 5 years.

PARTS INFORMATION

NOTE: Please verify your original part number using Parts Catalog, by VIN.

NOTE: Because certain components of the previous manufacturer are still available through service parts, it is recommended to use those parts, when necessary and if available, to make the repair.

Table 1. **Parts Information**

| Original Part Number | New Part Number | Description | Quantity |
|----------------------|-----------------|------------------------------------|----------|
| 3549505C2 | 3711395C1 | BELT BUCKLE STATIC SEAT LH | 1 |
| 3549506C2 | 3711397C1 | BELT BUCKLE STATIC SEAT RH | 1 |
| 3554368C1 | 3554368C1 | BOLT TORX M12 X 1.7 X 54 SEAT BELT | 1 |
| 3621446C1 | 3711399C1 | BELT SEAT STATIC BUCKLE | 1 |
| 3621450C91 | 3711358C91 | BELT SEAT AIR BUCKLE W / TETHER | 1 |
| 3621451C92 | 3711359C91 | BELT BUCKLE AIR SWIVEL SEAT | 1 |
| 3628759C1 | 3711400C1 | BELT SAFETY BUCKLE AIR SEAT BLK | 1 |
| 3668625C91 | 3711425C91 | BELT SAFETY UPPER BUCKLE | 1 |
| 3668626C91 | 3711426C91 | BELT SAFETY UPPER BUCKLE | 1 |
| 3672136C2 | 3711382C1 | BELT TETHER ASM BLACK | 1 |
| 3672139C92 | 3711360C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3672209C92 | 3711423C91 | BELT SAFETY BUNK STRAP STAND | 1 |
| 3672210C92 | 3711424C91 | BELT SAFETY BUNK STRAP LATTO | 1 |
| 3676625C1 | 3711346C1 | BELT TETHER UPPER BUNK SIDE | 1 |
| 3676626C1 | 3711347C1 | BELT TETHER LOWER BUNK SIDE | 1 |
| 3676629C91 | 3711415C91 | BELT SAFETY UPPER BUNK MESH ASSY | 1 |
| 3676630C91 | 3711419C91 | BELT SAFETY LOWER 36" BUNK | 1 |
| 3676631C91 | 3711420C91 | BELT SAFETY LOWER 42" BUNK | 1 |
| 3678771C1 | 3711330C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678772C1 | 3711331C1 | BELT SAFETY RETRACTOR ASSY RED | 1 |
| 3678773C1 | 3711333C1 | BELT SAFETY RETRACTOR ASSY ORANGE | 1 |
| 3678774C1 | 3711337C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678775C1 | 3711338C1 | BELT SAFETY RETRACTOR ASSY RED | 1 |
| 3678776C1 | 3711340C1 | BELT SAFETY RETRACTOR ASY ORANGE | 1 |
| 3678779C91 | 3711410C91 | BELT SAFETY CNTR SEAT W / BUC BLK | 1 |
| 3678780C91 | 3711412C91 | BELT SAFETY CNTR SEAT W / BUC RED | 1 |
| 3678781C91 | 3711411C91 | BELT SAFETY CNTR SEAT W / BUC ORG | 1 |
| 3678782C91 | 3711355C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3678783C91 | 3711357C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3678784C1 | 3711343C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678785C1 | 3711344C1 | BELT SAFETY RETRACTR ASY ORANGE | 1 |
| 3678786C1 | 3711345C1 | BELT SAFETY RETRACTR ASY GREEN | 1 |
| 3678983C1 | 3711388C1 | BELT TETHER ASM BLACK | 1 |
| 3678984C1 | 3711389C1 | BELT TETHER ASM | 1 |

PARTS INFORMATION (CONT.)

Table 1. Parts Information (cont.)

| Original Part Number | New Part Number | Description | Quantity |
|----------------------|-----------------|---|----------|
| 3678985C1 | 3711390C1 | BELT TETHER ASM | 1 |
| 3678986C1 | 3711391C1 | BELT TETHER ASM | 1 |
| 3678988C1 | 3711392C1 | BELT TETHER ASM | 1 |
| 3678989C1 | 3711393C1 | BELT TETHER ASM | 1 |
| 3678990C1 | 3711394C1 | BELT TETHER ASM | 1 |
| 3678993C91 | 3711404C91 | BELT SAFETY BUNK STRAP 36" | 1 |
| 3678994C91 | 3711405C91 | BELT SAFETY BUNK STRAP 42" | 1 |
| 3690604C91 | 3711356C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3690605C1 | 3711396C1 | BELT BUCKLE STATIC SEAT LH | 1 |
| 3690606C91 | 3711354C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3691819C1 | 3711398C1 | BELT BUCKLE STATIC SEAT RH | 1 |
| 3692141C1 | 3711331C1 | BELT SAFETY RETRACTOR ASSY RED | 1 |
| 3692142C91 | 3711413C91 | BELT SAFETY CNTR SEAT ASSY RED | 1 |
| 3692246C1 | 3711338C1 | BELT SAFETY RETRACTOR ASSY, EXT CAB, RED | 1 |
| 3812034C1 | 3711351C1 | BELT TETHER BACK UPPER AND LOWER BUNK | 1 |
| 3812035C1 | 3711346C1 | BELT TETHER UPPER BUNK SIDE | 1 |
| 3813066C2 | 3711348C1 | BELT TETHER SIDE UPPER | 1 |
| 3815190C2 | 3711414C1 | BELT SAFETY BUNK MESH | 1 |
| 3817712C1 | 3711384C1 | BELT TETHER SEAT TETHER | 1 |
| 3678992C91 | 3711403C91 | BELT SAFETY BUNK STRAP EXT C | 1 |
| 3545029C2 | 3711388C1 | BELT TETHER ASM BLACK | 1 |
| 3545030C2 | 3711389C1 | BELT TETHER ASM | 1 |
| 3549268C91 | 3711403C91 | BELT SAFETY BUNK STRAP EXT C | 1 |
| 3549504C5 | 3711334C1 | BELT, SAFETY, RETRACTOR, EXTEND | 1 |
| 3549507C93 | 3711352C91 | BELT, BUCKLE, AIR SEAT W / TETH | 1 |
| 3549508C94 | 3711407C91 | BELT, SAFETY, CENTER OCCUPANT | 1 |
| 3592993C1 | 3711328C1 | BELT, SAFETY, RETRACTOR ASSY, RED | 1 |
| 3592998C1 | 3711335C1 | BELT, SAFETY, RETRACTOR RED WEBBING | 1 |
| 3592999C93 | 3711408C91 | BELT, SAFETY, CTR OCCUPANT RED WEBBING | 1 |
| 3593000C1 | 3711329C1 | BELT, SAFETY, RETRACTOR ORANGE WEBBING | 1 |
| 3593005C1 | 3711336C1 | BELT, SAFETY, RETRACTOR ORANGE WEBBING | 1 |
| 3593006C92 | 3711409C91 | BELT, SAFETY, CTR OCCUPANT ORANGE WEBBING | 1 |
| 3607754C1 | 3711380C1 | BELT, TETHER RED FOR NFPA SEATS | 1 |
| 3607755C1 | 3711381C1 | BELT, TETHER RED FOR NFPA SEATS | 1 |
| 3607756C91 | 3711353C91 | BELT, BUCKLE AIR SEAT W / TETHER | 1 |
| 3621444C1 | 3711341C1 | BELT, SAFETY RETRACTOR | 1 |
| 3621445C1 | 3711394C1 | BELT TETHER ASM | 1 |

PARTS INFORMATION (CONT.)

Table 1. Parts Information (cont.)


| Original Part Number | New Part Number | Description | Quantity |
|----------------------|-----------------|---------------------------------------|----------|
| 3621447C1 | 3711393C1 | BELT TETHER ASM | 1 |
| 3621448C1 | 3711392C1 | BELT TETHER ASM | 1 |
| 3666767C1 | 3711342C1 | BELT, SAFETY SEAT / RETRACTOR ORN | 1 |
| 3672098C1 | 3711427C1 | BELT, SAFETY SEAT / RETRACTOR GRN | 1 |
| 3804583C2 | 3711401C1 | BELT, SAFETY, BUNK RESTRAINT, 42" | 1 |
| 3598679C2 | 3711402C1 | BELT, SAFETY, BUNK RESTRAINT, 36" | 1 |
| 3812036C1 | 3711350C1 | BELT, TETHER, LOWER BUNK SIDE | 1 |
| 3549268C91 | 3711406C91 | BELT, SAFETY EXT CAB BUNK STRAP | 1 |
| 3672137C2 | 3711383C1 | BELT, TETHER | 1 |
| 3812037C91 * | 3711425C91 | BELT SAFETY UPPER BUCKLE | 1 |
| | 3711346C1 | BELT TETHER UPPER BUNK SIDE | 2 |
| | 3711415C91 | BELT SAFETY UPPER BUNK MESH ASSY | 1 |
| | 3711351C1 | BELT TETHER BACK UPPER AND LOWER BUNK | 2 |
| 3808811C91 * | 3711426C91 | BELT SAFETY UPPER BUCKLE | 1 |
| | 3711415C91 | BELT SAFETY UPPER BUNK MESH ASSY | 1 |
| 3812038C91 | 3711421C91 | BELT, SAFETY, LOWER 36" BUNK TENT | 1 |
| 3812039C91 | 3711422C91 | BELT, SAFETY, LOWER 42" BUNK, TENT | 1 |
| 3678771C1 | 3711330C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678772C1 | 3711331C1 | BELT SAFETY RETRACTOR ASSY RED | 1 |
| 3678773C1 | 3711333C1 | BELT SAFETY RETRACTOR ASSY ORANGE | 1 |
| 3678774C1 | 3711337C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678775C1 | 3711338C1 | BELT SAFETY RETRACTOR ASSY RED | 1 |
| 3678776C1 | 3711340C1 | BELT SAFETY RETRACTOR ASSY ORANGE | 1 |
| 3678784C1 | 3711343C1 | BELT SAFETY RETRACTOR ASSY BLK | 1 |
| 3678785C1 | 3711344C1 | BELT SAFETY RETRACTOR ASSY ORANGE | 1 |
| 3678786C1 | 3711345C1 | BELT SAFETY RETRACTOR ASSY GREEN | 1 |
| 3676625C1 | 3711346C1 | BELT TETHER UPPER BUNK SIDE | 1 |
| 3676626C1 | 3711347C1 | BELT TETHER LOWER BUNK SIDE | 1 |
| 3813066C2 | 3711348C1 | BELT TETHER SIDE UPPER | 1 |
| 3812034C1 | 3711351C1 | BELT TETHER BACK UPPER AND LO | 1 |
| 3690606C91 | 3711354C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3678782C91 | 3711355C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3690604C91 | 3711356C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3678783C91 | 3711357C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3621450C91 | 3711358C91 | BELT SEAT AIR BUCKLE W / TETHER | 1 |
| 3621451C92 | 3711359C91 | BELT BUCKLE AIR SWIVEL SEAT | 1 |
| 3672139C92 | 3711360C91 | BELT BUCKLE AIR SEAT W / TETHER | 1 |
| 3672136C2 | 3711382C1 | BELT TETHER ASM BLACK | 1 |


PARTS INFORMATION (CONT.)


Table 1. Parts Information (cont.)


| Original Part Number | New Part Number | Description | Quantity |
|--|-----------------|--------------------------------------|----------|
| 3817712C1 | 3711384C1 | BELT TETHER SEAT TETHER | 1 |
| 3678983C1 | 3711388C1 | BELT TETHER ASM BLACK | 1 |
| 3678984C1 | 3711389C1 | BELT TETHER ASM | 1 |
| 3678985C1 | 3711390C1 | BELT TETHER ASM | 1 |
| 3678986C1 | 3711391C1 | BELT TETHER ASM | 1 |
| 3678988C1 | 3711392C1 | BELT TETHER ASM | 1 |
| 3678989C1 | 3711393C1 | BELT TETHER ASM | 1 |
| 3678990C1 | 3711394C1 | BELT TETHER ASM | 1 |
| 3549505C2 | 3711395C1 | BELT BUCKLE STATIC SEAT LH | 1 |
| 3690605C1 | 3711396C1 | BELT BUCKLE STATIC SEAT LH | 1 |
| 3549506C2 | 3711397C1 | BELT BUCKLE STATIC SEAT RH | 1 |
| 3691819C1 | 3711398C1 | BELT BUCKLE STATIC SEAT RH | 1 |
| 3621446C1 | 3711399C1 | BELT SEAT STATIC BUCKLE | 1 |
| 3628759C1 | 3711400C1 | BELT SAFETY BUCKLE AIR SEAT BLK | 1 |
| 3678992C91 | 3711403C91 | BELT SAFETY BUNK STRAP EXT C | 1 |
| 3678993C91 | 3711404C91 | BELT SAFETY BUNK STRAP 36" | 1 |
| 3678994C91 | 3711405C91 | BELT SAFETY BUNK STRAP 42" | 1 |
| 3678779C91 | 3711410C91 | BELT SAFETY CNTR SEAT W/BUC BLK | 1 |
| 3678781C91 | 3711411C91 | BELT SAFETY CNTR SEAT W / BUC ORANGE | 1 |
| 3678780C91 | 3711412C91 | BELT SAFETY CNTR SEAT W / BUC RED | 1 |
| 3692142C91 | 3711413C91 | BELT SAFETY CNTR SEAT ASSY RED | 1 |
| 3815190C2 | 3711414C1 | BELT SAFETY BUNK MESH | 1 |
| 3676629C91 | 3711415C91 | BELT SAFETY UPPER BUNK MESH ASSY | 1 |
| 3821584C91 | 3711415C91 | BELT SAFETY UPPER BUNK MESH ASSY | 1 |
| 3554368C1 | N/C | BOLT TORX M12 X 1.7 X 54 SEAT BELT | 1 |
| 3554369C1 | N/C | BOLT SPECIAL SEAT BELT ANCHOR | 1 |
| 3812035C1 | 3711346C1 | BELT TETHER UPPER BUNK SIDE | 1 |
| 3549268C91 | 3711403C91 | BELT SAFETY BUNK STRAP EXT C | 1 |
| 3812036C1 | 3711350C1 | BELT, TETHER, LOWER BUNK SIDE | 1 |
| <p>NOTE: * Must be serviced with all "New" part numbers and quantities as a multiple replacement.</p> | | | |

SERVICE PROCEDURE

 **WARNING:** To prevent property damage, personal injury, and / or death, park vehicle on hard, flat surface, turn engine off, set parking brake, and install wheel chocks to prevent the vehicle from moving in both directions.

 **WARNING:** To prevent belt failure, property damage, personal injury, and / or death, seat belts should be inspected for wear every 20,000 miles. Seat belts subject to severe environmental or vocational conditions should be inspected more often. All seat belts should be replaced at least every 5 years.

 **WARNING:** To prevent personal injury and / or death, always wear safe eye protection when performing vehicle maintenance.

 **WARNING:** To prevent belt failure, property damage, personal injury, and / or death, NEVER attempt to interchange parts / components between the old system and the new system. The components of the new belt system are not interchangeable with the components of the old belt system; therefore, they cannot be intermixed for service.

NOTE: Because certain components of the previous manufacturer are still available through service parts, it is recommended to use those parts, when necessary and if available, to make the repair.

1. Inspect seat belt for components that need replacement. Check seat belts for any of the following conditions:
 - a. Frayed seat belt webbing
 - b. Seat belt retractors that do not operate smoothly
 - c. Seat belts that do not easily lock and unlock into buckle assemblies
 - d. D-rings that are cracked, bent, or abnormally loose
 - e. Seat belt retractors that do not retract

SERVICE PROCEDURE (CONT.)



WARNING: To prevent belt failure, property damage, personal injury, and / or death, **NEVER** attempt to interchange parts / components between the old system and the new system. The components of the new belt system are not interchangeable with the components of the old belt system; therefore, they cannot be intermixed for service.

NOTE: Perform Step 2 only if PDC has original part number available to repair assembly.

2. If original part is available, order part / assembly and repair safety belt assembly. Refer to service manual, service bulletin, or equivalent for detailed instruction.

NOTE: Perform Step 3 only if original part number is no longer available. Refer to **PARTS INFORMATION TABLE** for cross reference.

3. If original part is not available, replace entire seat belt system (for that individual seating position) using components assembled from new part numbers. Refer to service manual, service bulletin, or equivalent for detailed instruction.