

NOTICE OF
CANCELLATION

INCH-POUND

MS24391H
NOTICE 1
28 September 1999

MILITARY SPECIFICATION SHEET
PLUG – BLEEDER, TUBE, PRECISION TYPE

MS24391H, dated 14 September 1993, is hereby cancelled. Future acquisitions for this item should refer to Society of Automotive Engineers (SAE) Aerospace Standard (AS) AS5169, "Fitting, Port Plug and Bleeder."

Table 1 provides a detailed cross-reference of cancelled MS24391 Part or Identifying Numbers (PINs) and replacement AS5169 PINs. The use of "AS" parts is preferable, but "MS" parts may be used for a period of three years from the date of this notice to deplete existing stock. Users are cautioned to evaluate replacements for their particular application.

(DoD activities may obtain copies of SAE AS5169 from the DoDSSP, Standardization Document Order Desk, 700 Robbins Avenue, Building 4D, Philadelphia, PA 19111-5094. The private sector and other Government agencies may purchase copies from the Society of Automotive Engineers International, 400 Commonwealth Drive, Warrendale, PA 15096-0001.)

Custodians:
Army - AV
Navy - AS
Air Force - 99
DLA - CC

Preparing activity:
DLA - CC

(Project 4730-0824-001)

Review activity:
Air Force - 82

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TABLE 1 - Cross-Reference Data

| Cancelled AN PIN | Tube Size | Replacement AS PIN | Cancelled AN PIN | Tube Size | Replacement AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| MS24391-2 | .125 | AS5169-02 | MS24391-5 | .312 | AS5169-05 |
| MS24391-2L | .125 | AS5169-02L | MS24391-5L | .312 | AS5169-05L |
| MS24391D2 | .125 | AS5169D02 | MS24391D5 | .312 | AS5169D05 |
| MS24391D2L | .125 | AS5169D02L | MS24391D5L | .312 | AS5169D05L |
| MS24391J2 | .125 | AS5169J02 | MS24391J5 | .312 | AS5169J05 |
| MS24391J2L | .125 | AS5169J02L | MS24391J5L | .312 | AS5169J05L |
| MS24391K2 | .125 | AS5169K02 | MS24391K5 | .312 | AS5169K05 |
| MS24391K2L | .125 | AS5169K02L | MS24391K5L | .312 | AS5169K05L |
| MS24391S2 | .125 | AS5169R02 | MS24391S5 | .312 | AS5169R05 |
| MS24391S2L | .125 | AS5169R02L | MS24391S5L | .312 | AS5169R05L |
| MS24391T2 | .125 | AS5169T02 | MS24391T5 | .312 | AS5169T05 |
| MS24391T2L | .125 | AS5169T02L | MS24391T5L | .312 | AS5169T05L |
| MS24391W2 | .125 | AS5169W02 | MS24391W5 | .312 | AS5169W05 |
| MS24391W2L | .125 | AS5169W02L | MS24391W5L | .312 | AS5169W05L |
| | | | | | |
| MS24391-3 | .188 | AS5169-03 | MS24391-6 | .375 | AS5169-06 |
| MS24391-3L | .188 | AS5169-03L | MS24391-6L | .375 | AS5169-06L |
| MS24391D3 | .188 | AS5169D03 | MS24391D6 | .375 | AS5169D06 |
| MS24391D3L | .188 | AS5169D03L | MS24391D6L | .375 | AS5169D06L |
| MS24391J3 | .188 | AS5169J03 | MS24391J6 | .375 | AS5169J06 |
| MS24391J3L | .188 | AS5169J03L | MS24391J6L | .375 | AS5169J06L |
| MS24391K3 | .188 | AS5169K03 | MS24391K6 | .375 | AS5169K06 |
| MS24391K3L | .188 | AS5169K03L | MS24391K6L | .375 | AS5169K06L |
| MS24391S3 | .188 | AS5169R03 | MS24391S6 | .375 | AS5169R06 |
| MS24391S3L | .188 | AS5169R03L | MS24391S6L | .375 | AS5169R06L |
| MS24391T3 | .188 | AS5169T03 | MS24391T6 | .375 | AS5169T06 |
| MS24391T3L | .188 | AS5169T03L | MS24391T6L | .375 | AS5169T06L |
| MS24391W3 | .188 | AS5169W03 | MS24391W6 | .375 | AS5169W06 |
| MS24391W3L | .188 | AS5169W03L | MS24391W6L | .375 | AS5169W06L |
| | | | | | |
| MS24391-4 | .250 | AS5169-04 | MS24391-8 | .500 | AS5169-08 |
| MS24391-4L | .250 | AS5169-04L | MS24391-8L | .500 | AS5169-08L |
| MS24391D4 | .250 | AS5169D04 | MS24391D8 | .500 | AS5169D08 |
| MS24391D4L | .250 | AS5169D04L | MS24391D8L | .500 | AS5169D08L |
| MS24391J4 | .250 | AS5169J04 | MS24391J8 | .500 | AS5169J08 |
| MS24391J4L | .250 | AS5169J04L | MS24391J8L | .500 | AS5169J08L |
| MS24391K4 | .250 | AS5169K04 | MS24391K8 | .500 | AS5169K08 |
| MS24391K4L | .250 | AS5169K04L | MS24391K8L | .500 | AS5169K08L |
| MS24391S4 | .250 | AS5169R04 | MS24391S8 | .500 | AS5169R08 |
| MS24391S4L | .250 | AS5169R04L | MS24391S8L | .500 | AS5169R08L |
| MS24391T4 | .250 | AS5169T04 | MS24391T8 | .500 | AS5169T08 |
| MS24391T4L | .250 | AS5169T04L | MS24391T8L | .500 | AS5169T08L |
| MS24391W4 | .250 | AS5169W04 | MS24391W8 | .500 | AS5169W08 |
| MS24391W4L | .250 | AS5169W04L | MS24391W8L | .500 | AS5169W08L |

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TABLE 1 - Cross-Reference Data (Continued)

| Cancelled AN PIN | Tube Size | Replacement AS PIN | Cancelled AN PIN | Tube Size | Replacement AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| MS24391-10 | .625 | AS5169-10 | MS24391-16 | 1.000 | AS5169-16 |
| MS24391-10L | .625 | AS5169-10L | MS24391-16L | 1.000 | AS5169-16L |
| MS24391D10 | .625 | AS5169D10 | MS24391D16 | 1.000 | AS5169D16 |
| MS24391D10L | .625 | AS5169D10L | MS24391D16L | 1.000 | AS5169D16L |
| MS24391J10 | .625 | AS5169J10 | MS24391J16 | 1.000 | AS5169J16 |
| MS24391J10L | .625 | AS5169J10L | MS24391J16L | 1.000 | AS5169J16L |
| MS24391K10 | .625 | AS5169K10 | MS24391K16 | 1.000 | AS5169K16 |
| MS24391K10L | .625 | AS5169K10L | MS24391K16L | 1.000 | AS5169K16L |
| MS24391S10 | .625 | AS5169R10 | MS24391S16 | 1.000 | AS5169R16 |
| MS24391S10L | .625 | AS5169R10L | MS24391S16L | 1.000 | AS5169R16L |
| MS24391T10 | .625 | AS5169T10 | MS24391T16 | 1.000 | AS5169T16 |
| MS24391T10L | .625 | AS5169T10L | MS24391T16L | 1.000 | AS5169T16L |
| MS24391W10 | .625 | AS5169W10 | MS24391W16 | 1.000 | AS5169W16 |
| MS24391W10 L | .625 | AS5169W10L | MS24391W16 L | 1.000 | AS5169W16L |
| MS24391-12 | .750 | AS5169-12 | MS24391-20 | 1.250 | AS5169-20 |
| MS24391-12L | .750 | AS5169-12L | MS24391-20L | 1.250 | AS5169-20L |
| MS24391D12 | .750 | AS5169D12 | MS24391D20 | 1.250 | AS5169D20 |
| MS24391D12L | .750 | AS5169D12L | MS24391D20L | 1.250 | AS5169D20L |
| MS24391J12 | .750 | AS5169J12 | MS24391J20 | 1.250 | AS5169J20 |
| MS24391J12L | .750 | AS5169J12L | MS24391J20L | 1.250 | AS5169J20L |
| MS24391K12 | .750 | AS5169K12 | MS24391K20 | 1.250 | AS5169K20 |
| MS24391K12L | .750 | AS5169K12L | MS24391K20L | 1.250 | AS5169K20L |
| MS24391S12 | .750 | AS5169R12 | MS24391S20 | 1.250 | AS5169R20 |
| MS24391S12L | .750 | AS5169R12L | MS24391S20L | 1.250 | AS5169R20L |
| MS24391T12 | .750 | AS5169T12 | MS24391T20 | 1.250 | AS5169T20 |
| MS24391T12L | .750 | AS5169T12L | MS24391T20L | 1.250 | AS5169T20L |
| MS24391W12 | .750 | AS5169W12 | MS24391W20 | 1.250 | AS5169W20 |
| MS24391W12 L | .750 | AS5169W12L | MS24391W20 L | 1.250 | AS5169W20L |

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TABLE 1 - Cross-Reference Data (Continued)

| Cancelled AN PIN | Tube Size | Replacement AS PIN | Cancelled AN PIN | Tube Size | Replacement AS PIN |
|---------------------|--------------|-----------------------|---------------------|--------------|-----------------------|
| MS24391-24 | 1.500 | AS5169-24 | MS24391-32 | 2.000 | AS5169-32 |
| MS24391-24L | 1.500 | AS5169-24L | MS24391-32L | 2.000 | AS5169-32L |
| MS24391D24 | 1.500 | AS5169D24 | MS24391D32 | 2.000 | AS5169D32 |
| MS24391D24L | 1.500 | AS5169D24L | MS24391D32L | 2.000 | AS5169D32L |
| MS24391J24 | 1.500 | AS5169J24 | MS24391J32 | 2.000 | AS5169J32 |
| MS24391J24L | 1.500 | AS5169J24L | MS24391J32L | 2.000 | AS5169J32L |
| MS24391K24 | 1.500 | AS5169K24 | MS24391K32 | 2.000 | AS5169K32 |
| MS24391K24L | 1.500 | AS5169K24L | MS24391K32L | 2.000 | AS5169K32L |
| MS24391S24 | 1.500 | AS5169R24 | MS24391S32 | 2.000 | AS5169R32 |
| MS24391S24L | 1.500 | AS5169R24L | MS24391S32L | 2.000 | AS5169R32L |
| MS24391T24 | 1.500 | AS5169T24 | MS24391T32 | 2.000 | AS5169T32 |
| MS24391T24L | 1.500 | AS5169T24L | MS24391T32L | 2.000 | AS5169T32L |
| MS24391W24 | 1.500 | AS5169W24 | MS24391W32 | 2.000 | AS5169W32 |
| MS24391W24 L | 1.500 | AS5169W24L | MS24391W32 L | 2.000 | AS5169W32L |
| MS24391-28 | 1.750 | AS5169-28 | | | |
| MS24391-28L | 1.750 | AS5169-28L | | | |
| MS24391D28 | 1.750 | AS5169D28 | | | |
| MS24391D28L | 1.750 | AS5169D28L | | | |
| MS24391J28 | 1.750 | AS5169J28 | | | |
| MS24391J28L | 1.750 | AS5169J28L | | | |
| MS24391K28 | 1.750 | AS5169K28 | | | |
| MS24391K28L | 1.750 | AS5169K28L | | | |
| MS24391S28 | 1.750 | AS5169R28 | | | |
| MS24391S28L | 1.750 | AS5169R28L | | | |
| MS24391T28 | 1.750 | AS5169T28 | | | |
| MS24391T28L | 1.750 | AS5169T28L | | | |
| MS24391W28 | 1.750 | AS5169W28 | | | |
| MS24391W28 L | 1.750 | AS5169W28L | | | |