

A-A-55538
27 NOV 1998
SUPERSEDING
MS51010C
10 OCT 1990
MS51011A
3 NOV 1966

COMMERCIAL ITEM DESCRIPTION

WATERPROOF SPARK PLUG LEAD AND CONDUIT ASSEMBLY (OTHER THAN AIRCRAFT)

The General Services Administration has authorized the use of this Commercial Item Description (CID) for all federal agencies.

1. **SCOPE.** This CID covers the general requirements for the connector and wire assemblies for special purpose spark plugs. The parts covered in this CID are intended for commercial/industrial applications.

1.1 **APPLICABILITY.** This CID replaces the MS-sheets MS51010C and MS51011A

2. **CLASSIFICATION.** This CID covers 2 types of assemblies. This CID uses a classification system which includes the Part Identification Number (PIN) (See Section 6).

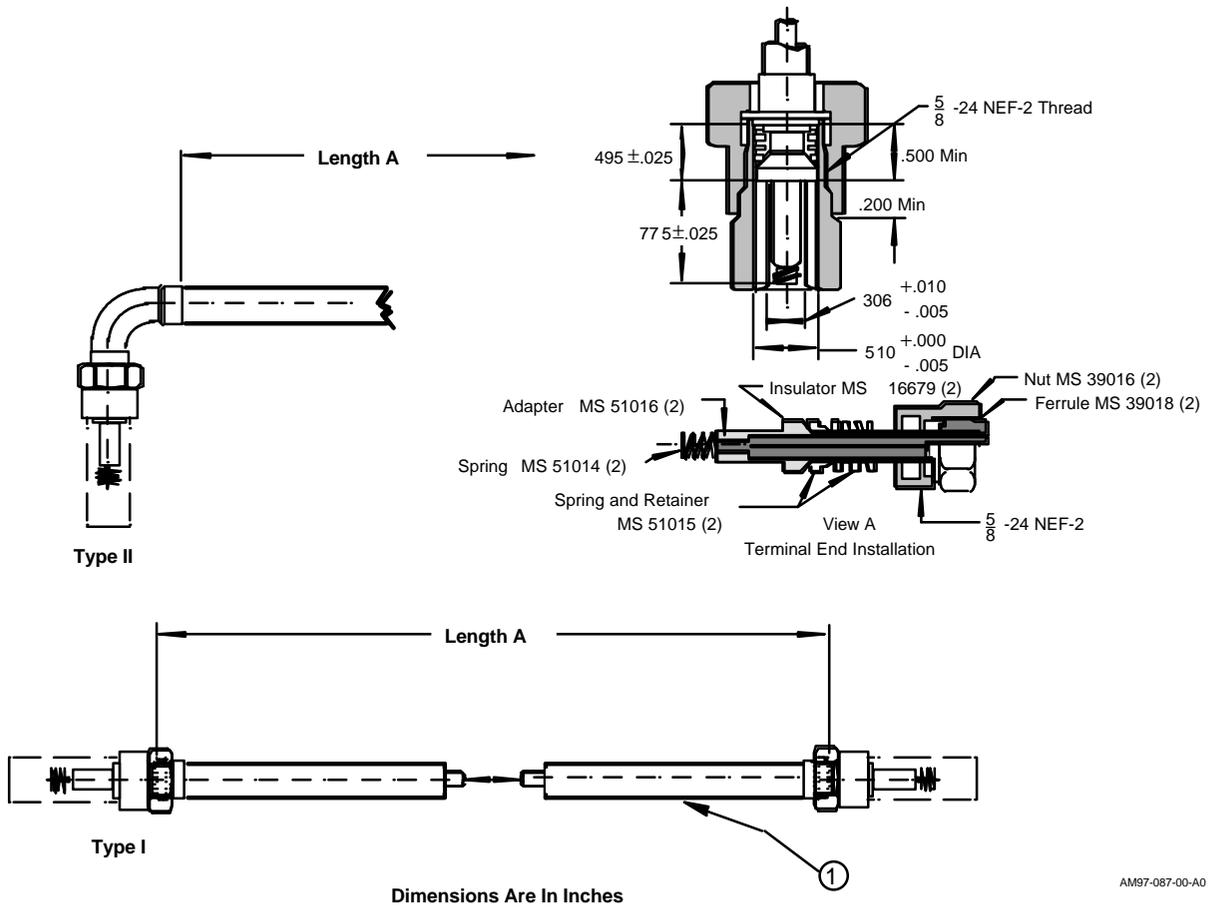
3. **SALIENT CHARACTERISTICS.**

3.1 Connector Configuration. The lead and conduit assemblies described in this CID include both straight (inline) connectors or connectors that contain a 90° elbow as specified in table 1 and shown on figure 1.

3.2 Length. The nominal length shall be as specified in table 1 and shown on figure 1.

3.3 Regulatory Requirements. "The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of Federal Acquisition Regulation (FAR)."

Beneficial comments, recommendations, additions, deletions clarifications, etc. and any other data which may improve this document should be sent by letter to: Defense Supply Center Columbus, Attn: DSCC-VSS, 3990 E Broad Street, Columbus, OH 43213-5000.



AM97-087-00-A0

Figure 1. Waterproof spark plug lead and conduit assembly

NOTE: Conduit: O.D., $.430 \pm .010$. I.D., $.281 \pm .015$, MIL-C-13909, type I or II, grade B, with single layer, two-over-two weave, braid.

Table 1. Dash numbers

Type	Length A		CID Dash	Active
	Inches	Millimeters	No.	NSN
I	10 ± 1/8	254 ± 3	002	2920-00-620-3935
	12 ± 1/8	305 ± 3	004	N/A
	17 ± 1/4	431 ± 6	006	6150-00-489-8267
	20 ± 1/4	508 ± 6	008	5995-00-724-3111
	26 ± 1/4	660 ± 6	011	6150-00-620-3962
	29 ± 1/2	737 ± 13	012	2920-00-929-8321
II	8 ± 1/8	203 ± 3	001	2920-00-898-9251
	10 ± 1/8	254 ± 3	003	N/A
	14 ± 1/4	356 ± 6	005	N/A
	17 ± 1/4	431 ± 6	007	2920-00-052-8411
	20 ± 1/4	508 ± 6	009	N/A
	23 ± 1/4	584 ± 6	010	N/A
	32 ± 1/2	813 ± 13	013	N/A
	40 ± 1/2	1016 ± 13	014	6150-00-924-2042
	45 ± 1/2	1143 ± 13	015	N/A
	50 ± 1/2	1270 ± 13	016	N/A
55 ± 1/2	1397 ± 13	017	N/A	

NOTES: Type I - Connector is straight (inline)

Type II - Connector has a 90° elbow soldered to the conduit

Length A - Nominal length is defined as the distance between connecting nuts (for Type I connectors), or the distance between the inside of the soldered joint at the elbow and the connecting nut at the opposite end (for Type II connectors). See figure 1 for details.

4. QUALITY ASSURANCE PROVISIONS

4.1 Product Conformance. The products provided shall meet the salient characteristics of this CID, conform to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

4.2 Market Acceptance. The following market acceptance criteria are necessary to document the quality of the product to be provided under this CID. All manufactures contained in this CID, meet these criteria.

- a. The company producing the item must have been producing a product meeting the requirements of this CID for at least 2 procurement years.
- b. The company must have sold 1,000 units meeting this CID in the commercial marketplace over the past 2 years.

5. PACKAGING.

5.1 Preservation, Packing, and Marking. Preservation, packing, and marking shall be as specified in the contract or order.

5.2 Packing Instructions. Safety caps shall be installed during shipping to prevent damage.

6. NOTES.

6.1 PIN. The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor.

This example describes a part numbering system for CID A-A-55538.



6.2 Ordering Data. The contract or order should specify the following:

- a. CID document number, revision, and CID PIN
- b. Quality assurance provisions
- c. Packaging requirements

6.3. Commercial Products. As part of the market analysis and research effort, this CID was coordinated with the following manufacturer of commercial products. At the time of CID preparation and coordination, this manufacturer was known to have commercial products that would meet the requirements of this CID. (NOTE: This information should not be considered as a list of approved manufacturers or be used to restrict procurement to only the manufacturer shown.)

<u>Manufacturer's CAGE</u>	<u>Manufacturer's name and address</u>
5G441	Cooper Industries Cooper Automotive Champion Aviation Products 1230 Old Norris Road Liberty, SC 29657 Phone: (864) 843-1162 Fax: (864) 843-5414

6.4 The PINs of this CID correspond to the following manufacturer's PINs as shown. This information is being provided to assist in reducing proliferation of inactive PINs in the government procurement system.

	Vendor Commercial P/N (CAGE Code 5G441)
Dash	
001	3900-1
002	3900-2
003	3900-3
004	3900-4
005	3900-5
006	3900-6
007	3900-7
008	3900-8
009	3900-9
010	3900-10
011	3900-11
012	3900-12
013	3900-13
014	3900-14

015	3900-15
016	3900-16
017	3900-17

NOTE: The manufacturer's PIN shall not be used for procurement of the item in question. The corresponding CID number and dash extension, as described in section 2, should be used for part procurement. The vendor PIN is the 4 digit code 3900 followed by the dash number without any leading zeros. For example a type I assembly that is 17 inches long (dash 006) would have a vendor PIN of 3900-6.

6.5 Government Users. To acquire information on obtaining lead and conduit assemblies from the Government inventory system, contact Defense Supply Center, Columbus, ATTN: DSCC-VSS, 3990 East Broad Street, Columbus, OH 43216-5000, or telephone (614) 692-4249.

6.6 Subject Keyword Listing.

1. Spark Plug Wire
2. Ignition
3. Conduit

MILITARY INTERESTS:

Custodians:

Army – AT

Navy – YD

Air Force – 82

Civil Agency Coordinating Activity:

Preparing activity:

DLA-CC

(Project 2920-0486-01)

Review activities:

Army – EL, GL

Navy – MC