TECHNICALMANUAL

DIRECTSUPPORTANDGENERALSUPPORT

MAINTENANCEREPAIRPARTSAND

SPECIALTOOLSLISTS

(INCLUDINGDEPOTMAINTENANCEREPAIR

PARTSANDSPECIALTOOLS)

FOR

MULTIPLEXERTD-976/G

(NSN7025-01-048-9678)

AND
PULSEFORMRESTORERTD-982/G

(NSN7025-01-061-1254)

HEADQUARTERS,DEPARTMENTOFTHEARMY

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DEPARTMENTOFTHEARMY
WASHINGTON,DC,14November1981

DIRECTSUPPORTANDGENERALSUPPORT MAINTENANCEREPAIRPARTSAND SPECIALTOOLSLISTS (INCLUDINGDEPOTMAINTENANCEREPAIR PARTSANDSPECIALTOOLS) FOR MULTIPLEXERTD-976/G(NSN7025-01-048-9678) AND PULSEFORMRESTORERTD-982/G (NSN7025-01-061-1254)

Currentasof11March1981

REPORTINGERRORSANDRECOMMENDINGIMPROVEMENTS

Youcanhelpimprovethismanual.Ifyoufindanymistakesorifyouknow ofawaytoimprovetheprocedures,pleaseletusknow.Mailyourletter,DA Form2028(RecommendedChangestoPublicationsandBlankForms),orDA Form2028-2locatedinbackofthismanualdirecttoCommander,USArmy Communications-ElectronicsCommand,ATTN:DRSEL-ME-MQ,Fort Monmouth,NJ07703.

Ineithercase,areplywillbefurnisheddirecttoyou.

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SECTIONI
INTRODUCTION

1.Scope

Thismanuallistssparesandrepairparts;specialtools;specialtest,measurement,anddiagnosticequipment(TMDE),andotherspecialsupportequipmentrequiredforperformanceofdirectsupportandgeneralsupportmaintenanceofTD-976/GandTD-982/G.Itauthorizestherequisitioningandissueofsparesandrepairpartsasindicatedbythesourceandmaintenancecodes.

2.General

ThisRepairPartsandSpecialToolsListisdividedintothefollowingsection:

a. *SectionII.RepairPartsListforMultiplexerTD-976/GandSectionIV*.RepairPartsListforPulseFormRestorerTD-982/G.Alistofsparesandrepairpartsauthorizedforuseintheperformanceofmaintenance.Thelistalsoincludespartswhichmustberemovedforreplacementoftheauthorizedparts.Partslistsarecomposedoffunctionalgroupsinnumericsequence,withthepartsineachgrouplistedinfigureanditemnumbersequence.

b. *SectionIII.SpecialToolsListforMultiplexerTD-976/GandSectionV*.SpecialToolsListforPulseFormRestorerTD-982/G.Alistofspecialtools,specialTMDE,andotherspecialsupportequipmentauthorizedfortheperformanceofmaintenance.

c.

SectionVI.NationalStockNumberandPartNumberIndex.Alist,inNationalitemidentificationnumber(NIIN)sequence,ofallNationalstocknumbers(NSN)appearinginthelistings,followedbyalist,inalphamericsequence,ofallpartnumbersappearinginthelistings.Nationalstocknumbersandpartnumbersarecross-referencedtoeachillustrationfigureanditemnumberappearance.

3.ExplanationofColumns

a. *Illustration*.Thiscolumnisdividedasfollows:

(1) *Figurenumber*.Indicatesthefigurenumberoftheillustrationonwhichtheitemisshown.

(2) *ItemNumber*.Thenumberusedtoidentifyitemcalledoutintheillustration.

b. *Source,Maintenance,andRecoverability(SMR)Codes*.

(1)

Sourcecode.Sourcecodesindicatethemannerofacquiringsupportitemsformaintenance,repair,oroverhaulofenditems.Sourcecodesareenteredinthefirstandsecondpositionsof theUniformSMRCodeformatasfollows:

Code		*Definition*
PA	-	Itemprocuredandstockedforanticipatedor knownusage.
PE	-	Supportequipmentprocuredandstockedfor initialissueoroutfittingtospecified maintenancerepairactivities.
MD	-	Itemtobemanufacturedorfabricatedatthe depotmaintenancelevel.
AH	-	Itemtobeassembledatgeneralsupport maintenancelevel.
XA	-	Itemisnotprocuredorstockedbecausethe requirementsfortheitemwillresultinthe replacementofthenexthigherassembly.
XD	-	Asupportitemthatisnotstocked.When required,itemwillbeprocuredthrough normalsupplychannels.

NOTE

Cannibalizationorsalvagemaybeusedasasourceofsupplyforanyitemssourcecodedaboveexceptthosecoded XAandaircraftsupportitemsasrestrictedbyAR700-42.

(2)

Maintenancecode.Maintenancecodesareassignedtoindicatethelevelsofmaintenanceauthorized toUSEandREPAIRsupportitems.Themaintenancecodesareenteredinthethirdandfourthpositionsof theUniformSMRCodeformatasfollows:

(a)

Themaintenancecodeenteredinthethirdpositionwillindicatethelowestmaintenancelevelauthorizedtoremove,replace,andusethesupportitem.Themaintenancecodeenteredinthethirdpositionwillindicateoneofthefollowinglevelsofmaintenance:

Code		*Application/Explanation*
O	-	Supportitemisremoved,replaced,usedatthe organizationallevel.
F	-	Supportitemisremoved,replaced,usedatthe directsupportlevel.
H	-	Supportitemisremoved,replaced,usedatthe generalsupportlevel.
D	-	Supportitemsthatareremoved,replaced,used atdepot,mobiledepot,specializedrepair activityonly.

(b) Themaintenancecodeenteredinthe

fourthpositionindicateswhethertheitemistoberepairedandidentifiesthelowestmaintenancelevelwiththecapabilityto performcompleterepair(i.e.,allauthorizedmaintenancefunctions).Thispositionwillcontainoneofthefollowingmainte nancecodes:

Code		*Application/Explanation*
F	-	Thelowestmaintenancelevelcapableofcompleterepairofthesupportitemisthedirect supportlevel.
H	-	Thelowestmaintenancelevelcapableofcompleterepairofthesupportitemisthe generalsupportlevel.
D	-	Thelowestmaintenancelevelcapableofcompleterepairofthesupportitemisthedepot level.
Z	-	Nonreparable.Norepairisauthorized.

(3)

Recoverabilitycode.Recoverabilitycodesareassignedtosupportitemstoindicatethedispositionactiononunserv iceableitems.Therecoverabilitycodeisenteredinthefifthpositionof theUniformSMRCodeformatasfollows:

Recoverability codes		*Definition*
Z	-	Nonreparableitem.Whenunserviceable,condemnandisposeatthelevelindicatedinposition3.
F	-	Reparableitem.Whenuneconomicallyreparable,condemnanddisposeatthedirectsupportlevel.
H	-	Reparableitem.Whenuneconomicallyreparable,condemnanddisposeatthegeneralsupportlevel.
D	-	Reparableitem.Whenbeyondlowerlevelrepaircapability,returntodepot.Condemnation anddisposalnotauthorizedbelowdepotlevel.
L	-	Reparableitem.Repair,condemnation,anddisposalnotauthorizedbelowdepot/specializedrepairactivityl evel.
A	-	Itemrequiresspecialhandlingorcondemnationproceduresbecauseofspecificreasons(i.e., preciousmetalcontent,highdollarvalue,criticalmaterialorhazardousmaterial).Refer toappropriatemanuals/directivesforspecificinstructions.

c.

NationalStockNumber.IndicatestheNationalstocknumberassignedtotheitemandwillbeusedforrequisitioningp urposes.

*d. FederalSupplyCodeforManufacturer(FSCM).*TheFSCMisa5-digitnumericcodelistedinSB708-41/42whichisusedtoidentifythemanufacturer,distributor,orGovernmentagency,etc.

e.

PartNumber.Indicatestheprimarynumberusedbythemanufacturer(individual,company,firm,corporation,orG overnmentactivity),whichcontrolsthedesignandcharacteristicsoftheitembymeansofitsengineeringdrawings,specifi cations,standards,andinspectionrequirementstoidentifyanitemorrangeofitems.

NOTE

Whenastocknumbereditemisrequisitioned,therepairpartreceivedmayhaveadifferent partnumberthanthepartbeingreplaced.

f.

Description.IndicatestheFederalitemnameand,ifrequired,aminimumdescriptiontoidentifytheitem.IntheSpec ialToolsList,theinitialbasisofissue(BOI)appearsasthelastlineintheentryforeachspecialtool,specialTMDE,andothers pecialsupportequipment.Whendensityofequipmentssupportedexceedsdensityspreadindicatedinthebasisofissue,t hetotalauthorizationisincreasedaccordingly.

g.

*UnitofMeasure(U/M).*Indicatesthestandardofthebasicquantityofthelisteditemasusedinperformingtheactual maintenancefunction.Thismeasureisexpressedbyatwo-characteralphabeticalabbreviation(e.g.,ea,in,pr,etc).Whentheunitofmeasurediffersfromtheunitofissue,thelowestu nitofissuethatwillsatisfytherequiredunitsofmeasurewillberequisitioned.

h.

QuantityIncorporatedinUnit.Indicatesthequantityoftheitemusedinthebreakoutshownontheillustrationfigure,w hichispreparedforafunctionalgroup,subfunctionalgroup,oranassembly.A"V"appearinginthiscolumninlieuofaquantit yindicatesthatnospecificquantityisapplicable,(e.g.,shims,spacers,etc).

4.SpecialInformation

a.

Usableoncodesareshowninthedescriptioncolumn.Uncodeditemsareapplicabletoallmodels.Identificationofth eusableoncodesusedinthispublicationare:

Code	*Usedon*
DH3	TD-976/G
DH2	TD-982/G

b. ThefollowingpublicationspertaintotheTD-976/GandTD-982/Gandtheircomponents:

TM11-7025-202-12,MultiplexerTD-976/Gand
PulseFormRestorerTD-982/G
TM11-7025-202-20P,MultiplexerTD-976/Gand
PulseFormRestorerTD-982/G
TM11-7025-202-34,MultiplexerTD-9761Gand
PulseFormRestorerTD-982/G.

c. Nationalstocknumbers(NSN's)thatare

missingfromPsourcecodeditemshavebeenappliedforandwillbeaddedtothisTMbyfuturechange/revisionwhentheyareenteredintheArmyMasterDataFile(AMDF).UntiltheNSN'sareestablishedandpublished,submitexceptionrequisitionstoCommander,USArmyCommunications-ElectronicsCommand,ATTN:DR-SEL-MM,FortMonmouth,NJ07703forthepartrequiredtosupportyourequipment.

5.HowtoLocateRepairParts

a. WhenNationalstocknumberorpartnumberisunknown.

(1)

First.Usingthetableofcontents,determinethefunctionalgroupwithinwhichtheitembelongs.Thisisnecessarysinceillustrationsarepreparedforfunctionalgroupsandlistingsanddividedintothesamegroups.

(2) *Second*.Findtheillustrationcoveringthefunctionalgrouptowhichtheitembelongs.

(3) *Third.*Identifytheitemontheillustrationandnotetheillustrationfigureanditemnumberoftheitem.

(4) *Fourth.*UsingtheRepairPartsListing,findthefigureanditemnumbernotedontheillustration.

b. WhenNationalstocknumberorpartnumberisknown.

(1)

First.UsingtheIndexofNationalStockNumbersandPartNumbers,findthepertinentNationalstocknumberorpartnumber.ThisindexisinNIINsequencefollowedbyalistofpartnumbersinalphamericsequence,cross-referencedtotheillustrationfigurenumberanditemnumber.

(2)

*Second.*Afterfindingthefigureanditemnumber,locatethefigureanditemnumberintherepairpartslist.

6.Abbreviations

Notapplicable.

(Nextprintedpageis4.1)

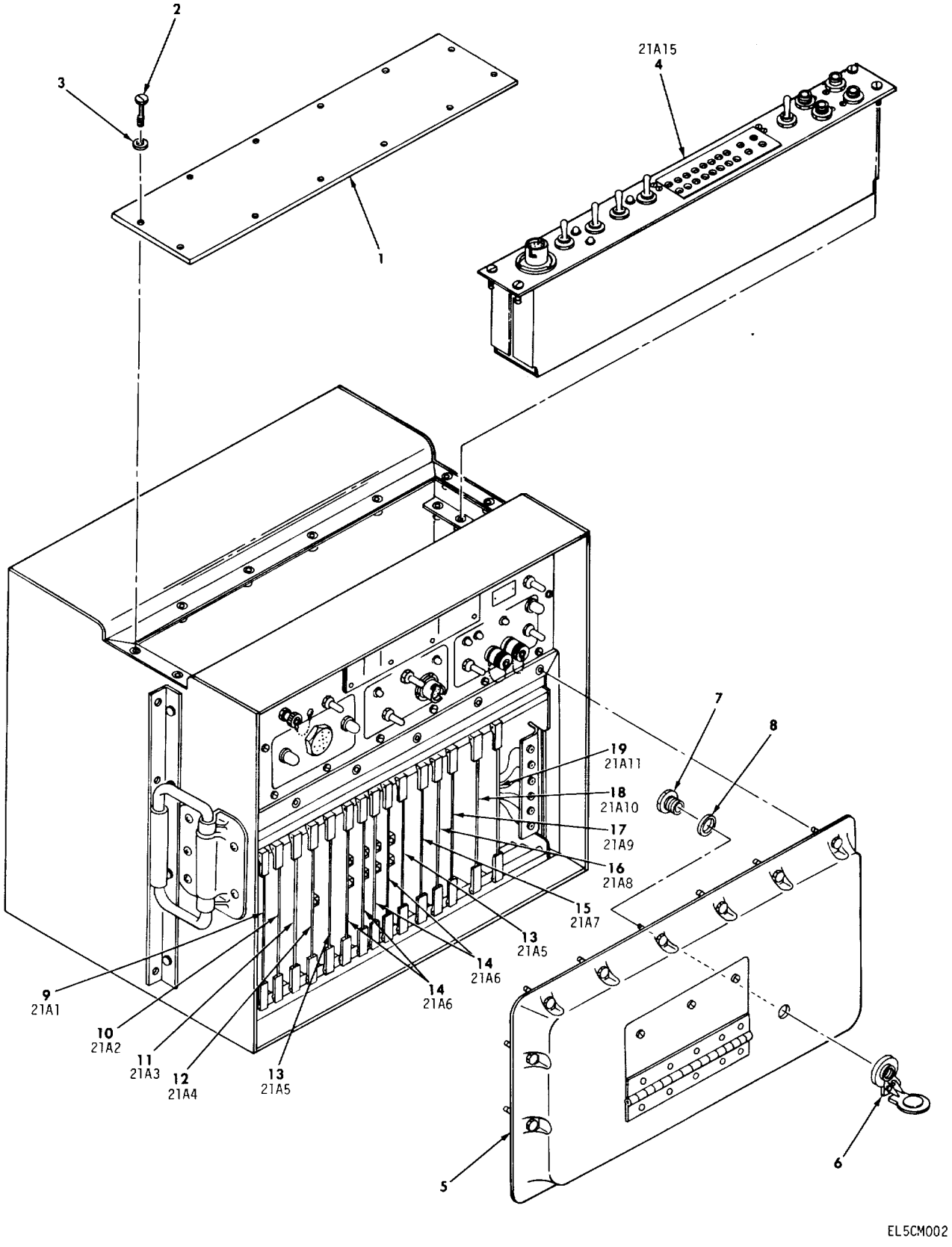

Figure1.MultiplexerTD-976/G(sheet1of4).

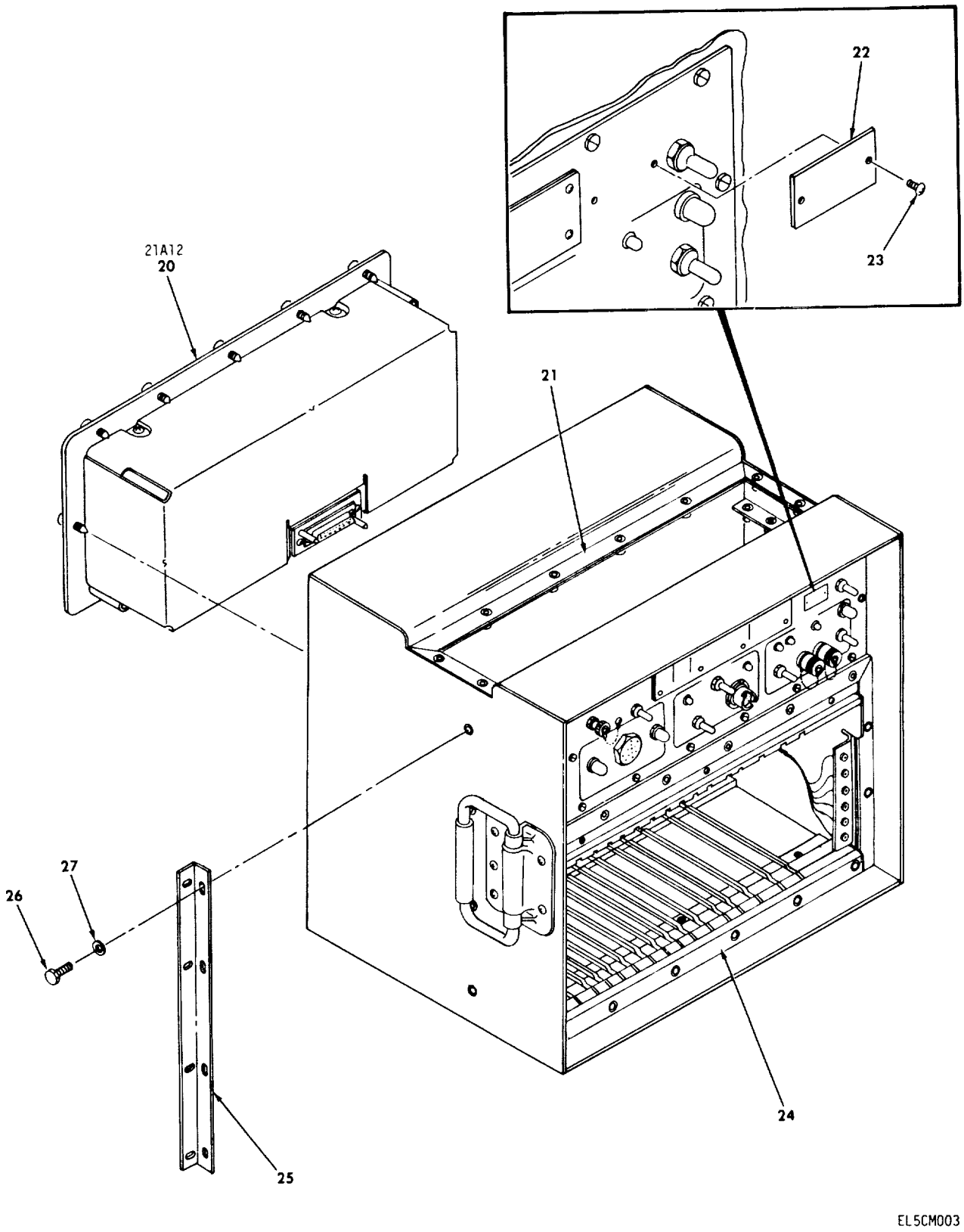

Figure1.MultiplexerTD-976/G(sheet2of4).