

COMPONENT PARTS FOR:

PURITAN - BENNETT

MEDICAL GAS SYSTEMS

WALL OUTLETS

QUICK-CONNECT OUTLETS



DIAMETER INDEX SAFETY SYSTEM (D.I.S.S.) OUTLETS

WARRANTY

Puritan-Bennett Quick-Connect and D.I.S.S. Outlet Parts are warranted against defects in material and workmanship for one year in accordance with Puritan-Bennett Warranty, Form AA 256. Puritan-Bennett assumes no responsibility for any service or repair not performed at authorized Servicenters or by qualified Puritan-Bennett service technicians. No charges for labor or expenses in making repairs will be allowed without prior written authorization from Puritan-Bennett.

INTRODUCTION

There are two types of Puritan Outlets: Quick-Connect and Diameter Index Safety System, (D.I.S.S.). Quick-Connect outlets are geometrically indexed to prevent interchangeability between gas services and incorporate a push button release allowing rapid connection and removal of apparatus. D.I.S.S. outlets are indexed to prevent interchangeability between gas services and utilize threaded connections to attach apparatus. Both Quick-Connect and D.I.S.S. outlets of current manufacture incorporate gas specific indexing. Earlier versions were not indexed. Update kits are available to bring these outlets into conformance with Current

Standards. Repair parts, replacement valve assemblies, etc. are available to fit outlets as explained on following pages.

Puritan outlets have been offered for concealed and exposed piping installations in modular and ganged versions and for a variety of overbed console and modular wall installations. Below is a listing of console manufacturers who use or have used Puritan outlets. Internal components of console outlets do not differ from wall outlets. However, Quick-Connect and D.I.S.S. coverplates are unique to each console or are part of the console facia. In order to insure exact replacement for coverplates, it is recommended that a coverplate sample be sent to Puritan for identification.

CONSOLE MANUFACTURERS:

AUTH
EXECUTONE
SQUARE D
MODULAR SERVICES INC.
PICKER-BRIGGS

SUNBEAM-CENTRON
PALCO
GORDON-GOCHENAU
VISTA

S.H. COUCH
AMSCO
HILL-ROM
POST GLOVER

EDWARDS
ELECTRO-SYSTEMS
HOSPITAL SYSTEMS
MOTOROLA-SYLVANIA

DU-KANE
DAY-BRITE
JORENS

PURITAN WALL OUTLET SERVICE TOOLS

- A. 5/16" wrench for valve locking screw, Part Number 900127
- B. 5/64" Allen wrench for Quick-Connect Pushbutton adjustment, Part Number 995504
- C. Tool kit for Series "73" Staked Connector Replacement, Part Number 138024
- D. Special installation tool for Quick-Connect Outlet Update Kit, Part Number 900055



A



B



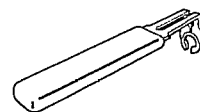
1/4-24
BOTTOM TAP



C



5/16" WRENCH



REMOVAL TOOL

D

MEDICAL OUTLET TESTERS

Outlet Testers are used to check available pipeline pressure or vacuum and flow to determine if the outlet provides an adequate source for apparatus function.

• PRESSURE OUTLET TESTER

D.I.S.S. Part Number 290201

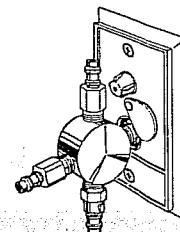
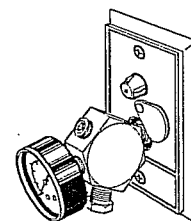
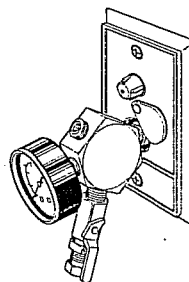
Quick-Connect Part Number 290202

(Supplied with stems for oxygen, nitrous oxide and air.)

• VACUUM OUTLET TESTER

Part Number 290203

(Supplied with stems for Quick-Connect and D.I.S.S. outlets.)



PURITAN QUICK-CONNECT INSPECTION TOOL

The Inspection Tool is used to check for wear, leaks, mechanical malfunction and loss of cross-connection protection at Puritan Quick-Connect Outlets.

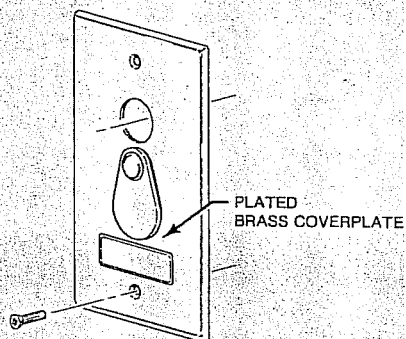
Part Number 290204

(Supplied with stems for oxygen, nitrous oxide, air and vacuum.)

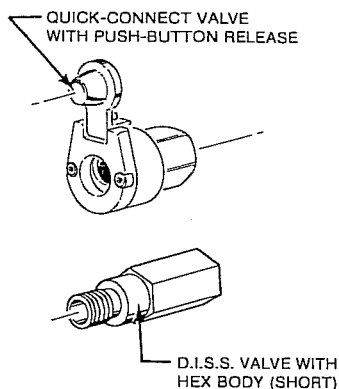
HOW TO IDENTIFY PURITAN OUTLET TYPES

COVERPLATE

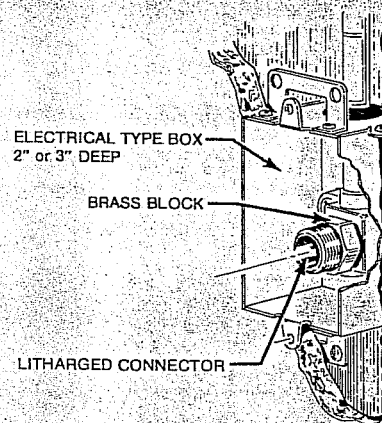
LITHARGED (See Pages 4 and 5 for replacement parts and update kit information.)



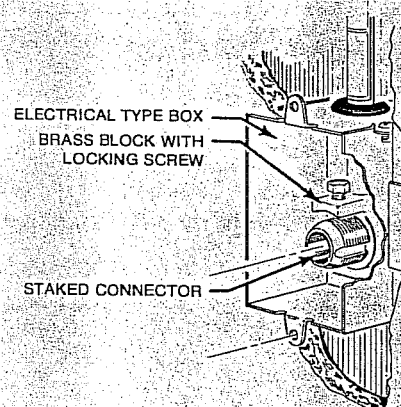
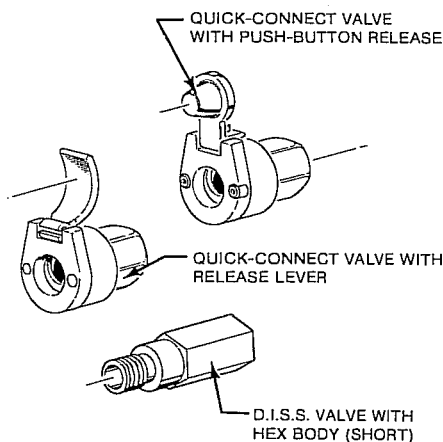
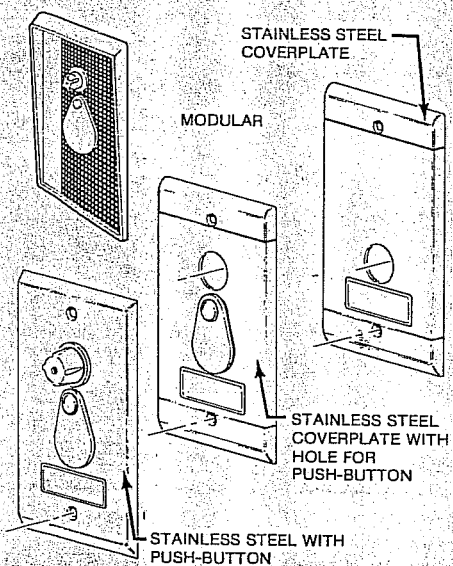
OUTLET VALVE



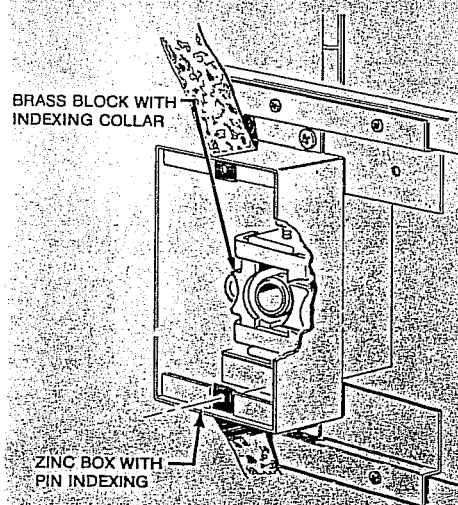
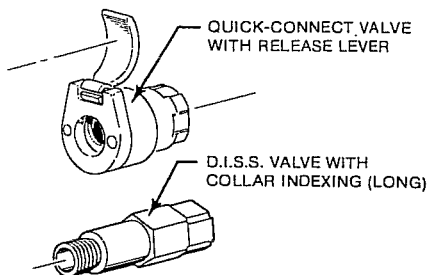
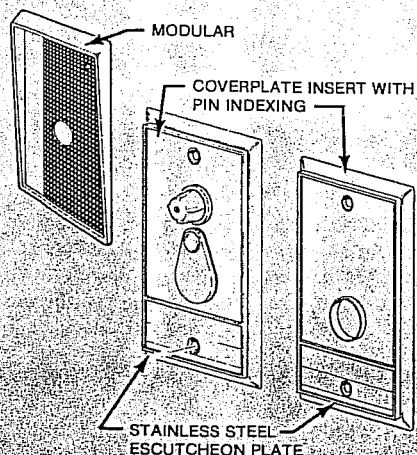
MOUNTING BOX AND OUTLET BLOCK



SERIES "73" (See Pages 4 and 5 for replacement parts and update kit information.)



SERIES "A" (See Pages 6 thru 9 for replacement parts.)



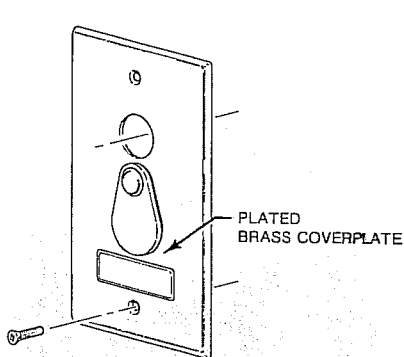
HOW TO IDENTIFY PURITAN OUTLET TYPES

COVERPLATE

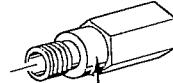
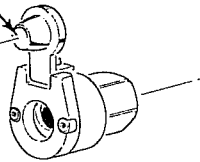
OUTLET VALVE

MOUNTING BOX AND OUTLET BLOCK

LITHARGED (See Pages 4 and 5 for replacement parts and update kit information.)



QUICK-CONNECT VALVE WITH PUSH-BUTTON RELEASE

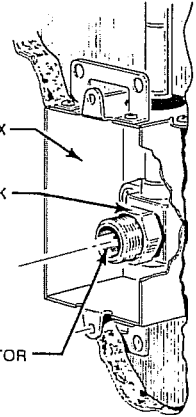


D.I.S.S. VALVE WITH HEX BODY (SHORT)

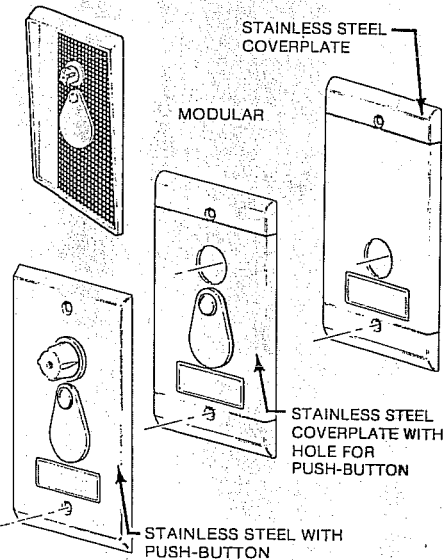
ELECTRICAL TYPE BOX 2" or 3" DEEP

BRASS BLOCK

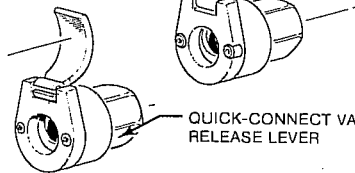
LITHARGED CONNECTOR



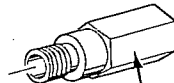
SERIES "73" (See Pages 4 and 5 for replacement parts and update kit information.)



QUICK-CONNECT VALVE WITH PUSH-BUTTON RELEASE



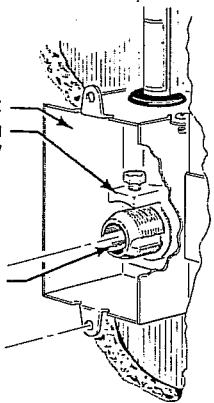
QUICK-CONNECT VALVE WITH RELEASE LEVER



D.I.S.S. VALVE WITH HEX BODY (SHORT)

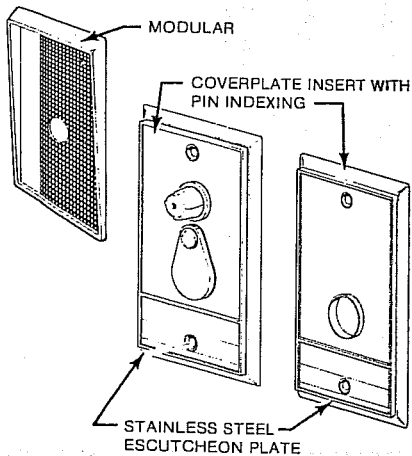
ELECTRICAL TYPE BOX
BRASS BLOCK WITH LOCKING SCREW

STAKED CONNECTOR

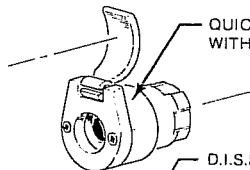


SERIES "A" (See Pages 6 thru 9 for replacement parts.)

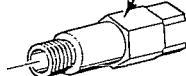
(EARLY STYLE INDEX RING)



QUICK-CONNECT VALVE WITH RELEASE LEVER

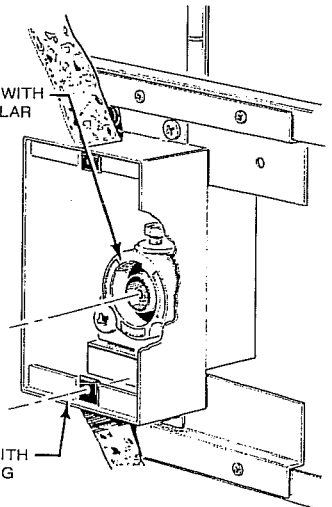


D.I.S.S. VALVE WITH COLLAR INDEXING (LONG)



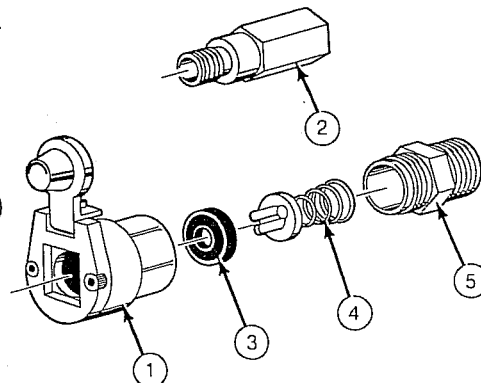
BRASS BLOCK WITH INDEXING COLLAR

ZINC BOX WITH PIN INDEXING

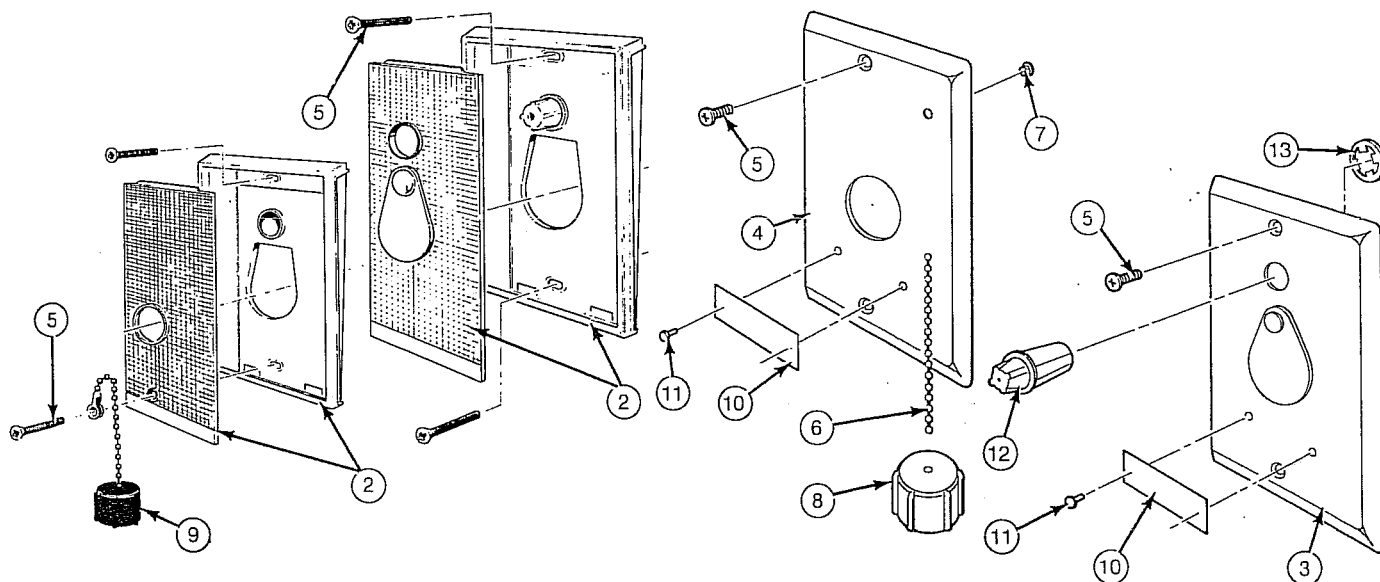


REPLACEMENT PARTS FOR LITHARGED OUTLETS

ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.		QUICK-CONNECT VALVE	4.		SPRING AND POPPET ASSEMBLY
	210715	OXYGEN		230078	PRESSURE
	210716	NITROUS OXIDE		230370	VACUUM
	210717	AIR			
	210718	VACUUM	5.		VALVE TO OUTLET BLOCK CONNECTOR
2.		D.I.S.S. VALVE		210039	PRESSURE (2-1/2" DEEP MTG. BOX)
	210705	OXYGEN		231130	PRESSURE (3" DEEP MTG. BOX)
	210706	NITROUS OXIDE		513016	VACUUM (2-1/2" DEEP MTG. BOX)
	210707	AIR		513504	VACUUM (3" DEEP MTG. BOX)
	210708	VACUUM			
3.	290099	SEALING WASHER (PKG. 25)			



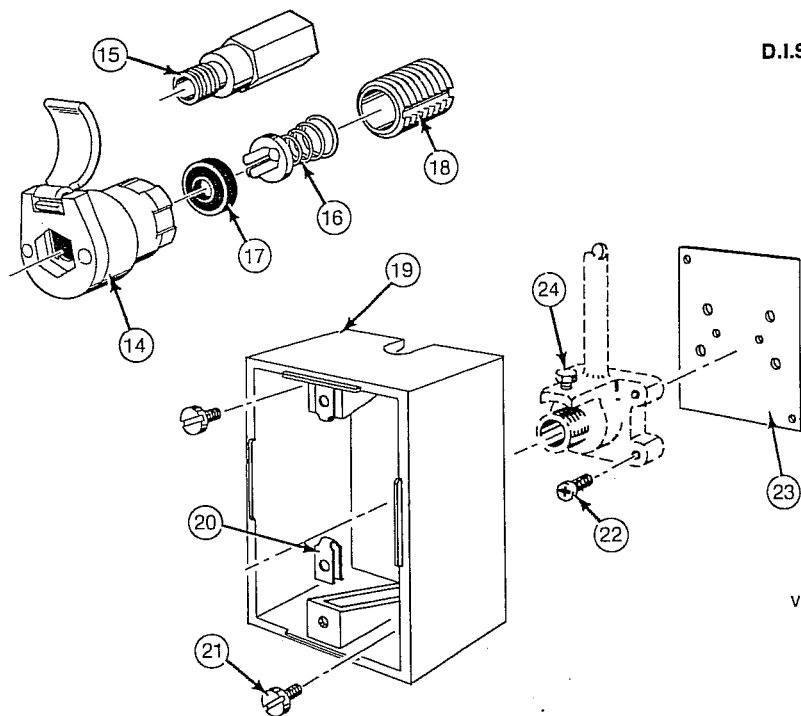
REPLACEMENT PARTS FOR SERIES "73" OUTLETS



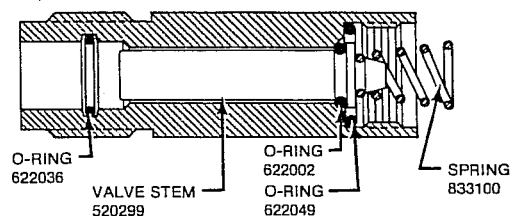
ITEM	PART NO.	DESCRIPTION
1.		COVERPLATE, MODULAR QUICK-CONNECT (FOR OUTLETS WITH 3-1/4" CENTERLINE ONLY)
	210740	OXYGEN
	210741	NITROUS OXIDE
	210742	AIR
	210743	VACUUM
2.		COVERPLATE, MODULAR D.I.S.S. (3-1/4" CENTERLINE ONLY)
	219625	OXYGEN
	210726	NITROUS OXIDE
	210727	AIR
	210728	VACUUM
3.		COVERPLATE, STAINLESS STEEL QUICK-CONNECT (INCLUDES ITEMS 3, 10, 11, 12 & 13)
	230002	OXYGEN
	230003	NITROUS OXIDE
	230004	AIR
	230005	VACUUM
4.		COVERPLATE, STAINLESS STEEL D.I.S.S. (INCLUDES ITEMS 4, 6, 7, 8, 9, 10 & 11)
	230006	OXYGEN
	230007	NITROUS OXIDE
	230008	AIR
	230009	VACUUM

ITEM	PART NO.	DESCRIPTION
5.		SCREWPACK, STAINLESS STEEL COVERPLATES
	230901	
	230902	MODULAR COVERPLATES
6.	837003	CHAIN
7.	839005	CHAIN FASTENER
8.		DUST CAP
	839304	OXYGEN
	839308	NITROUS OXIDE, AIR, VACUUM
9.		DUST COVER AND CHAIN (FOR USE WITH REPLACEMENT MODULAR COVERPLATE)
	230056	OXYGEN
	230057	NITROUS OXIDE, AIR AND VACUUM
10.		GAS IDENTIFICATION PLATE
	430097	OXYGEN (U.S. Labeling)
	430098	NITROUS OXIDE (U.S. Labeling)
	430100	AIR (U.S. Labeling)
	430099	VACUUM (U.S. Labeling)
	435080	OXYGEN (International Labeling)
	430098	NITROUS OXIDE (International Labeling)
	435082	AIR (International Labeling)
	435083	VACUUM (International Labeling)
11.	815002	DRIVE SCREW (2 REQ'D)
12.	230001	PUSH BUTTON ASSEMBLY
13.	832316	RETAINING RING

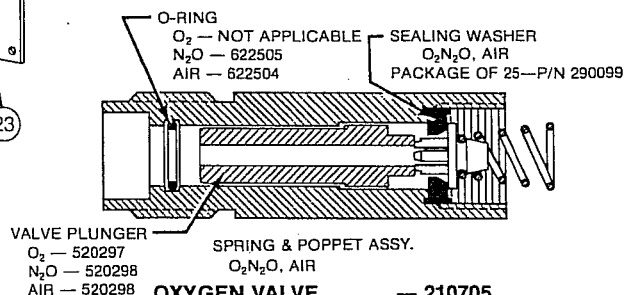
REPLACEMENT PARTS FOR SERIES "73" OUTLETS (cont.)



D.I.S.S. VALVE SERVICE PARTS



VACUUM VALVE — 210708



**OXYGEN VALVE — 210705
NITROUS OXIDE VALVE — 210706
AIR VALVE — 210707**

ITEM PART NO. DESCRIPTION

14.		QUICK-CONNECT VALVE
	211170	OXYGEN
	211171	NITROUS OXIDE
	211172	AIR
	211173	VACUUM
15.		D.I.S.S. VALVE
	210705	OXYGEN
	210706	NITROUS OXIDE
	210707	AIR
	210708	VACUUM
16.		SPRING AND POPPET ASSEMBLY
	230078-PC	PRESSURE
	230370-PC	VACUUM
17.	290099	SEALING WASHER (PKG. 25)

ITEM PART NO. DESCRIPTION

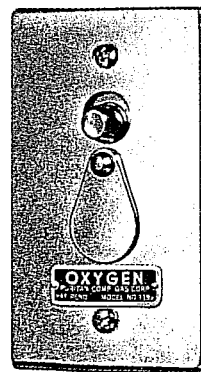
18.		CONNECTOR (VALVE TO OUTLET BLOCK)*
	290010	PRESSURE
	290094	VACUUM
19.	612067	EXPOSED OUTLET MOUNTING BOX (ABS)
20.	821501	SPEED NUT
21.	811305	BOX MOUNTING SCREW (2 REQ'D)
22.	811214	OUTLET BLOCK MOUNTING SCREW (2 REQ'D)
23.		BACKPLATE
	410060	SINGLE
	410061	DOUBLE
24.	811500	LOCKING SCREW

*REQUIRES TOOL KIT NO. 138024

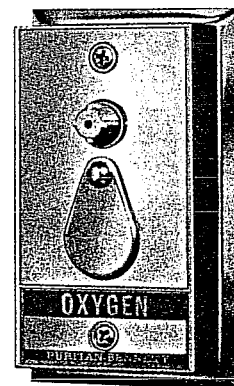
PURITAN QUICK-CONNECT AND D.I.S.S. UPDATE KITS

Puritan Quick-Connect and D.I.S.S. Outlet Update Kits allow upgrading of older outlets, increasing gas flow and providing improved function and cross-connection protection.

Each kit contains: "Series A" outlet valve, indexing plate, labeled coverplate assembly (indexed to the outlet), necessary coupler and hardware. Kits are for single outlets. Escutcheon plates for ganged multiple outlets are available and must be ordered separately. Special tools are required for installation. Request Puritan-Bennett Form 847512 for additional information.



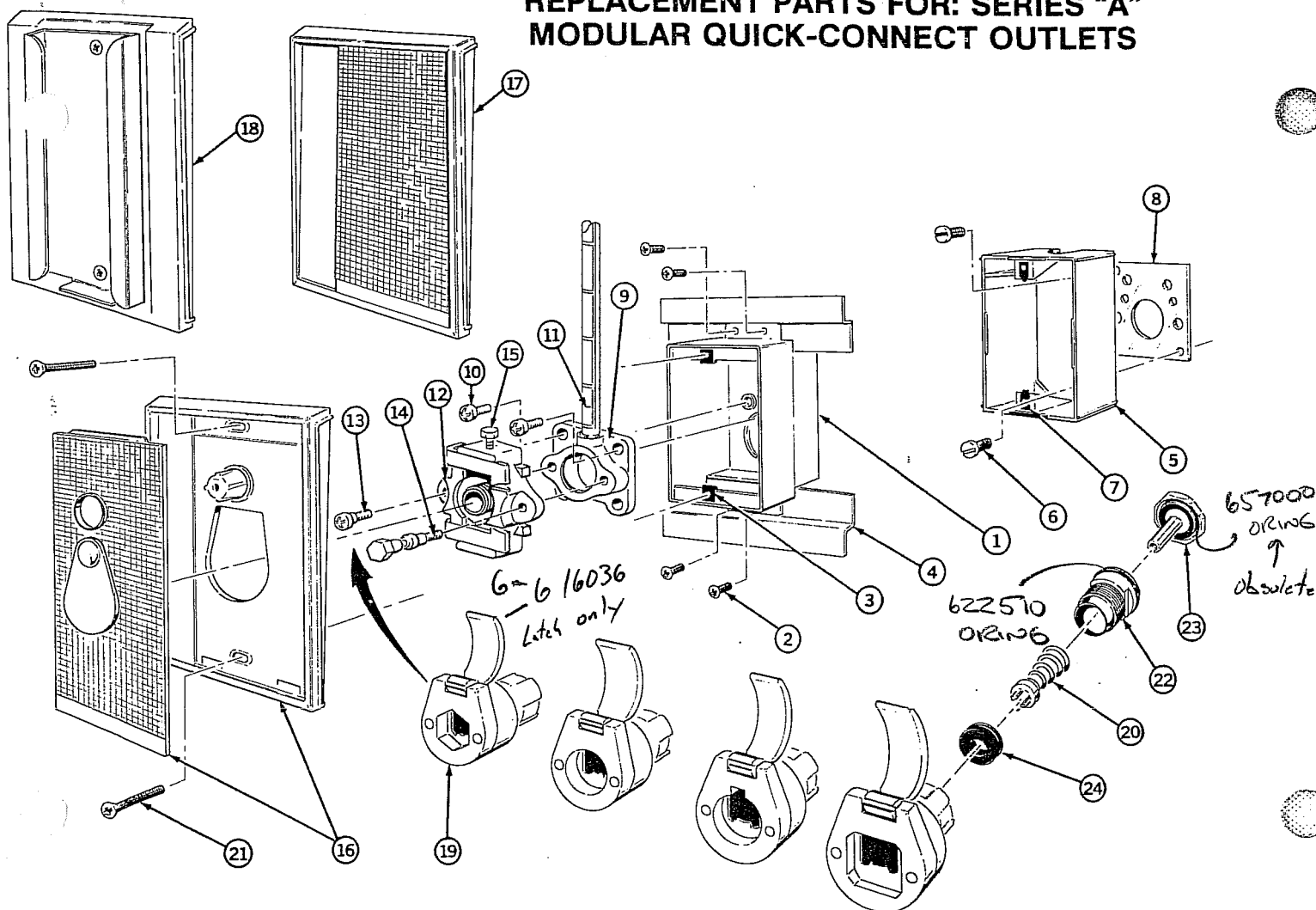
BEFORE



**AFTER UPDATE KIT
INSTALLATION**

Part Numbers:	QUICK-CONNECT		D.I.S.S.	
	U.S. Labeling	International Labeling	U.S. Labeling	International Labeling
OXYGEN	290210	290220	290230	290240
NITROUS OXIDE	290211	290211	290231	290231
AIR	290212	290222	290232	290242
VACUUM	290213	290223	290233	290243

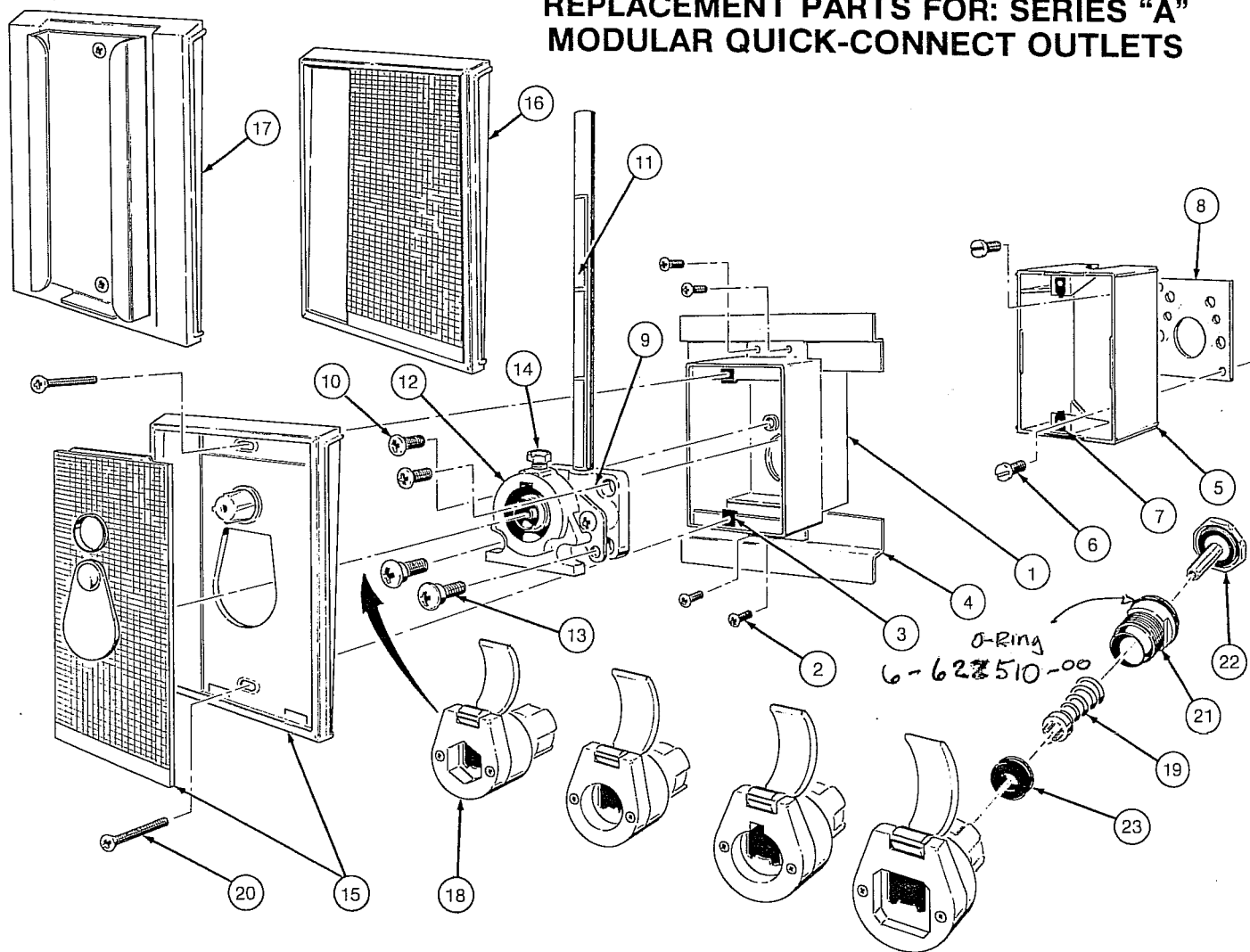
REPLACEMENT PARTS FOR: SERIES "A" MODULAR QUICK-CONNECT OUTLETS



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	CONCEALED OUTLET	12.	290330	INDEXING COLLAR (Includes items 13, 14, 15, 22 & 23)
2.	814051	OUTLET BOX		290331	OXYGEN
3.	826001	SCREW (4 REQ'D)		290332	NITROUS OXIDE
		SPEED NUT (2 REQ'D)		290332	AIR
4.	425300	TIE BAR		290333	VACUUM
	425301	SINGLE (2 REQ'D)	13.	811254	COLLAR SCREW
		DOUBLE (2 REQ'D)	14.	815326	TWIST-OFF COLLAR SCREW
5.	612067	EXPOSED OUTLET	15.	811559	VALVE LOCKING SCREW
6.	811305	OUTLET BOX	16.	210740	QUICK-CONNECT COVERPLATE
7.	821501	SCREW (2 REQ'D)		210741	OXYGEN
		SPEED NUT (2 REQ'D)		210741	NITROUS OXIDE
8.	410060	MOUNTING BRACKET		210742	AIR
	410061	SINGLE		210743	VACUUM
		DOUBLE	17.	210744	BLANK SPACER
9.	231100	BLOCK AND TUBE ASSEMBLY (Includes items 11, 12, 13, 14, 15, 22 & 23)	18.	120440	WALL SLIDE
	231101	OXYGEN (U.S. Labeling)	19.	211170	QUICK-CONNECT VALVE
	231102	NITROUS OXIDE (U.S. Labeling)		211170	OXYGEN
	231103	AIR (U.S. Labeling)		211171	NITROUS OXIDE
	231103	VACUUM (U.S. Labeling)		211172	AIR
				211173	VACUUM
10.	815301	SCREW, CONCEALED OUTLET (2 REQ'D)	20.	230078	SPRING AND POPPET ASSEMBLY
	811214	SCREW, EXPOSED OUTLET (2 REQ'D)		230078	•PG PRESSURE
11.	430141	IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)		230370	•PG VACUUM
	430142	OXYGEN (U.S. Labeling)	21.	230902	COVERPLATE SCREW (2 SCREWS)
	430143	NITROUS OXIDE (U.S. Labeling)	22.	290161	SERIES "A" CONNECTOR AND O-RING
	430144	VACUUM (U.S. Labeling)	23.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)
			24.	290099	SEALING WASHER (1 PKG. 25)

(EARLY STYLE INDEX RING)

REPLACEMENT PARTS FOR: SERIES "A" MODULAR QUICK-CONNECT OUTLETS



ITEM PART NO. DESCRIPTION

1. 325030 CONCEALED OUTLET
OUTLET BOX
2. 814051 SCREW (4 REQ'D)
3. 826001 SPEED NUT (2 REQ'D)

4. 425300 TIE BAR
SINGLE (2 REQ'D)
425301 DOUBLE (2 REQ'D)

5. 612067 EXPOSED OUTLET
OUTLET BOX
6. 811305 SCREW (2 REQ'D)
7. 821501 SPEED NUT (2 REQ'D)

8. 410060 MOUNTING BRACKET
SINGLE
410061 DOUBLE

9. 230178 BLOCK AND TUBE ASSEMBLY
PRESSURE
230179 VACUUM

10. 815301 SCREW, CONCEALED OUTLET (2 REQ'D)
811214 SCREW, EXPOSED OUTLET (2 REQ'D)

11. IDENTIFICATION TAPE
(AVAILABLE IN ROLL OF 1900 ONLY.)
430141 OXYGEN (U.S. Labeling) 435054 (International Labeling)
430142 NITROUS OXIDE (U.S. Labeling) 430142 (International Labeling)
430143 VACUUM (U.S. Labeling) 435123 (International Labeling)
430144 AIR (U.S. Labeling) 435122 (International Labeling)

ITEM PART NO. DESCRIPTION

12. 230180 INDEXING RING
230181 OXYGEN
230182 NITROUS OXIDE
230183 AIR
230183 VACUUM

13. 815321 INDEXING RING SCREW (2 REQ'D)
14. 811500 LOCKING SCREW

15. 210740 QUICK-CONNECT COVERPLATE
210741 OXYGEN
210742 NITROUS OXIDE
210743 AIR
210743 VACUUM

16. 210744 BLANK SPACER
17. 120440 WALL SLIDE

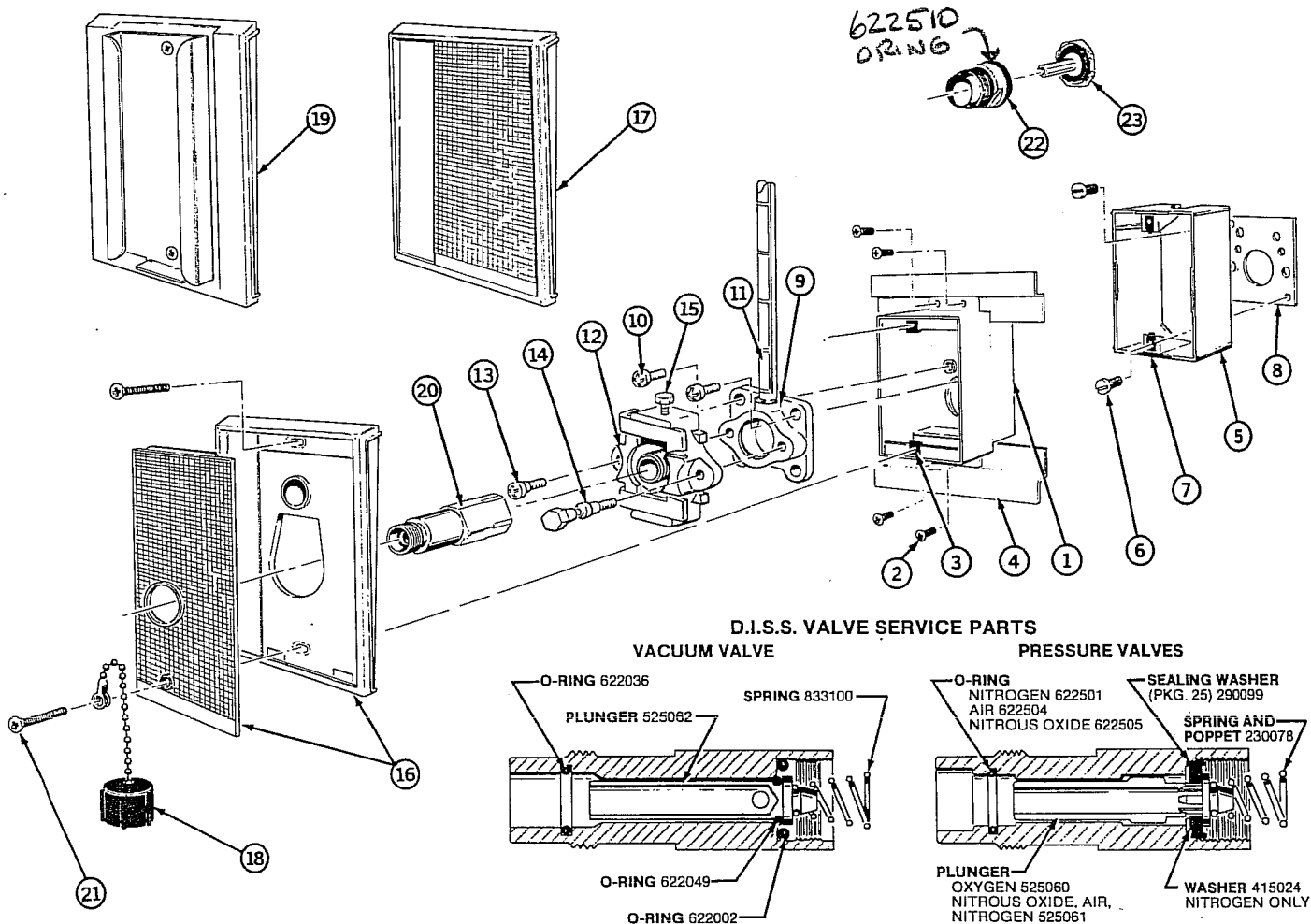
18. 211170 QUICK-CONNECT VALVE
211171 OXYGEN
211172 NITROUS OXIDE
211172 AIR
211173 VACUUM

19. 230078 SPRING AND POPPET ASSEMBLY
230370 PRESSURE
230370 VACUUM

20. 230902 COVERPLATE SCREW (2 SCREWS)
21. 290161 SERIES "A" CONNECTOR AND O-RING
22. 230187 SERVICE VALVE (PRESSURE OUTLETS ONLY)
23. 290099 SEALING WASHER (1 PKG. 25)

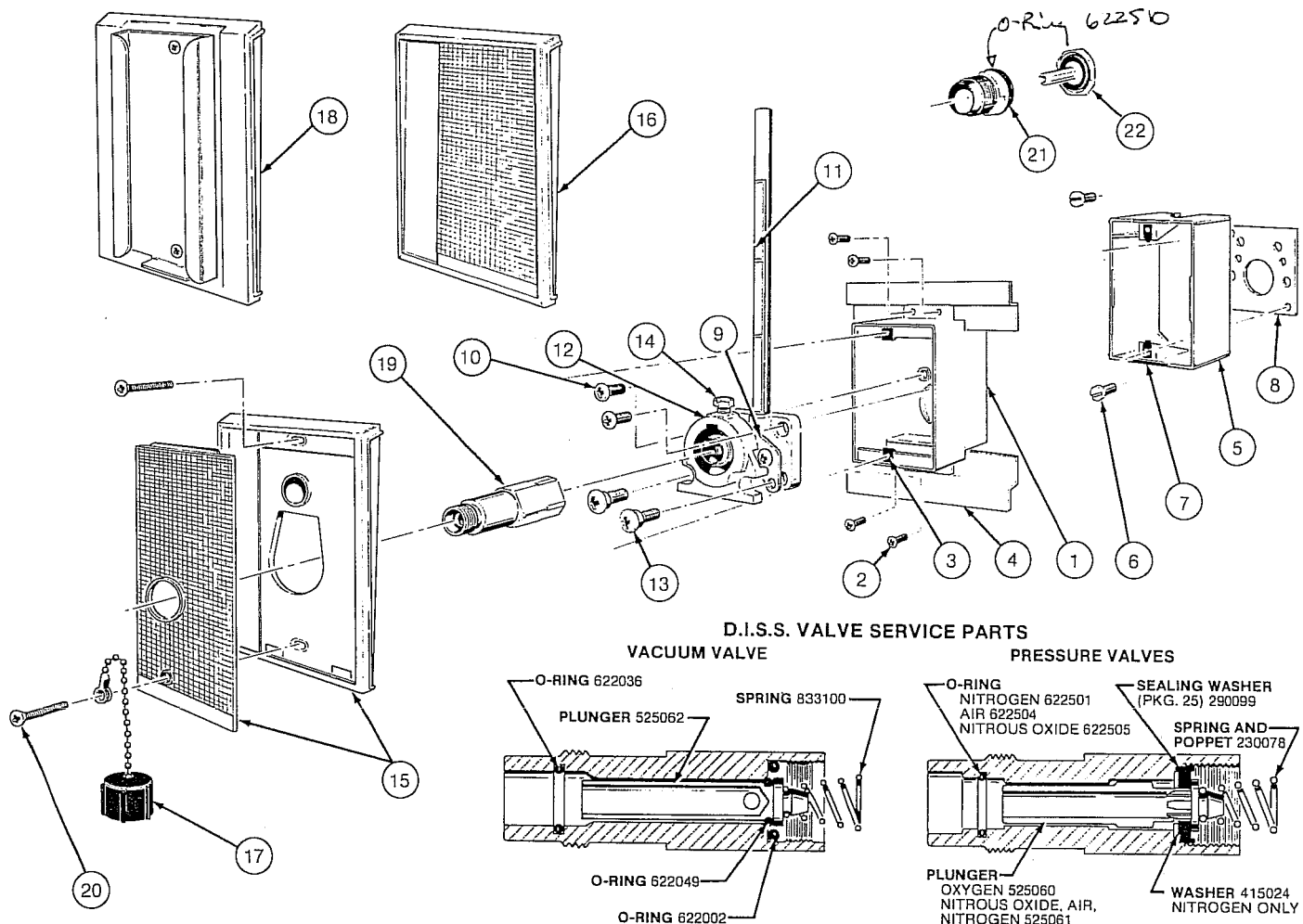
- 290159 SERVICE PARTS KIT FOR SERIES "A"
QUICK-CONNECT VALVE

REPLACEMENT PARTS FOR: SERIES "A" MODULAR DIAMETER INDEX SAFETY SYSTEM OUTLETS



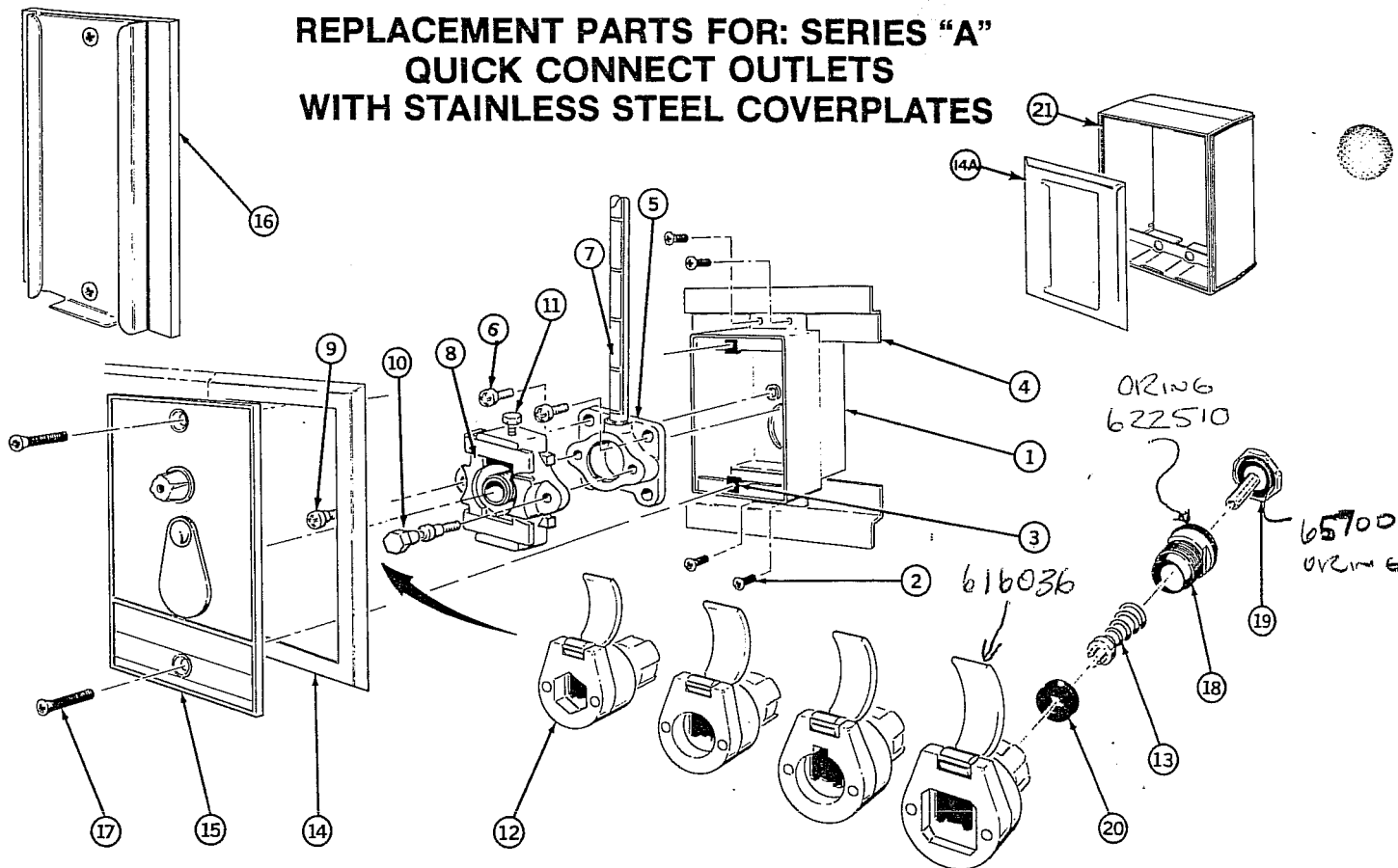
ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
		CONCEALED OUTLET			
1.	325030	OUTLET BOX	12.	290330	OXYGEN
2.	814051	SCREW (4 REQ'D)		290331	NITROUS OXIDE
3.	826001	SPEED NUT (2 REQ'D)		290332	AIR
4.		TIE BAR		290333	VACUUM
	425300	SINGLE (2 REQ'D)		290335	NON-LIFE SUPPORT GAS
	425301	DOUBLE (2 REQ'D)			USED WITH NITROGEN, CARBON DIOXIDE, CO₂-O₂ MIX, N₂-O₂ MIX, HE-O₂ MIX.
		EXPOSED OUTLET	13.	811254	COLLAR SCREW
5.	612067	OUTLET BOX	14.	815326	TWIST-OFF COLLAR SCREW
6.	811305	SCREW (2 REQ'D)	15.	811559	VALVE LOCKING SCREW
7.	821501	SPEED NUT (2 REQ'D)			
8.		MOUNTING BRACKET	16.		D.I.S.S. COVERPLATE
	410060	SINGLE		210725	OXYGEN
	410061	DOUBLE		210726	NITROUS OXIDE
9.		BLOCK AND TUBE ASSEMBLY (Includes items 11, 12, 13, 14, 15, 22 & 23)		210727	AIR
	231100	OXYGEN (U.S. Labeling)		210728	VACUUM
	231101	NITROUS OXIDE (U.S. Labeling)		210729	NITROGEN
	231102	AIR (U.S. Labeling)	17.	210744	BLANK SPACER
	231103	VACUUM (U.S. Labeling)	18.		DUST COVER AND CHAIN
	231104	NITROGEN		230056	OXYGEN
10.	815301	SCREW, CONCEALED OUTLET (2 REQ'D)		230057	NITROUS OXIDE, AIR, VACUUM, NITROGEN
	811214	SCREW, EXPOSED OUTLET (2 REQ'D)	19.	120440	WALL SLIDE
11.		IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)	20.		D.I.S.S. VALVE
	430141	OXYGEN (U.S. Labeling)		230240	OXYGEN
	430142	NITROUS OXIDE (U.S. Labeling)		230241	NITROUS OXIDE
	430143	VACUUM (U.S. Labeling)		230242	AIR
	430144	AIR (U.S. Labeling)		230243	VACUUM
	435000	NITROGEN		230244	NITROGEN
			21.	230902	COVERPLATE SCREW (2 SCREWS)
			22.	290161	SERIES "A" CONNECTOR AND O-RING
			23.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)

REPLACEMENT PARTS FOR: SERIES "A" MODULAR DIAMETER INDEX SAFETY SYSTEM OUTLETS



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	CONCEALED OUTLET	12.	230180	INDEXING RING
2.	814051	OUTLET BOX		230181	OXYGEN
3.	826001	SCREW (4 REQ'D)		230182	NITROUS OXIDE
		SPEED NUT (2 REQ'D)		230183	AIR
4.	425300	TIE BAR		230185	VACUUM
	425301	SINGLE (2 REQ'D)			NON LIFE SUPPORT GAS
		DOUBLE (2 REQ'D)	13.	815321	INDEXING RING SCREW (2 REQ'D)
5.	612067	EXPOSED OUTLET	14.	811500	LOCKING SCREW
6.	811305	OUTLET BOX	15.	210725	D.I.S.S. COVERPLATE
7.	821501	SCREW (2 REQ'D)		210726	OXYGEN
		SPEED NUT (2 REQ'D)		210727	NITROUS OXIDE
8.	410060	MOUNTING BRACKET		210728	AIR
	410061	SINGLE		210729	VACUUM
		DOUBLE			NITROGEN
9.	230178	BLOCK AND TUBE ASSEMBLY	16.	210744	BLANK SPACER
	230179	PRESSURE	17.	230056	DUST COVER AND CHAIN
	815301	VACUUM		230057	OXYGEN
10.	811214	SCREW, CONCEALED OUTLET (2 REQ'D)		120440	NITROUS OXIDE, AIR, VACUUM, NITROGEN
		SCREW, EXPOSED OUTLET (2 REQ'D)			WALL SLIDE
		IDENTIFICATION TAPE	19.	230240	D.I.S.S. VALVE
		(AVAILABLE IN ROLL OF 1900 ONLY.)		230241	OXYGEN
430141	OXYGEN (U.S. Labeling)	435054 (International Labeling)		230242	NITROUS OXIDE
430142	NITROUS OXIDE (U.S. Labeling)	430142 (International Labeling)		230243	AIR
430143	VACUUM (U.S. Labeling)	435123 (International Labeling)		230244	VACUUM
430144	AIR (U.S. Labeling)	435122 (International Labeling)			NITROGEN
435000	NITROGEN		20.	230902	COVERPLATE SCREW (2 SCREWS)
			21.	290161	SERIES "A" CONNECTOR AND O-RING
			22.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)

REPLACEMENT PARTS FOR: SERIES "A" QUICK CONNECT OUTLETS WITH STAINLESS STEEL COVERPLATES

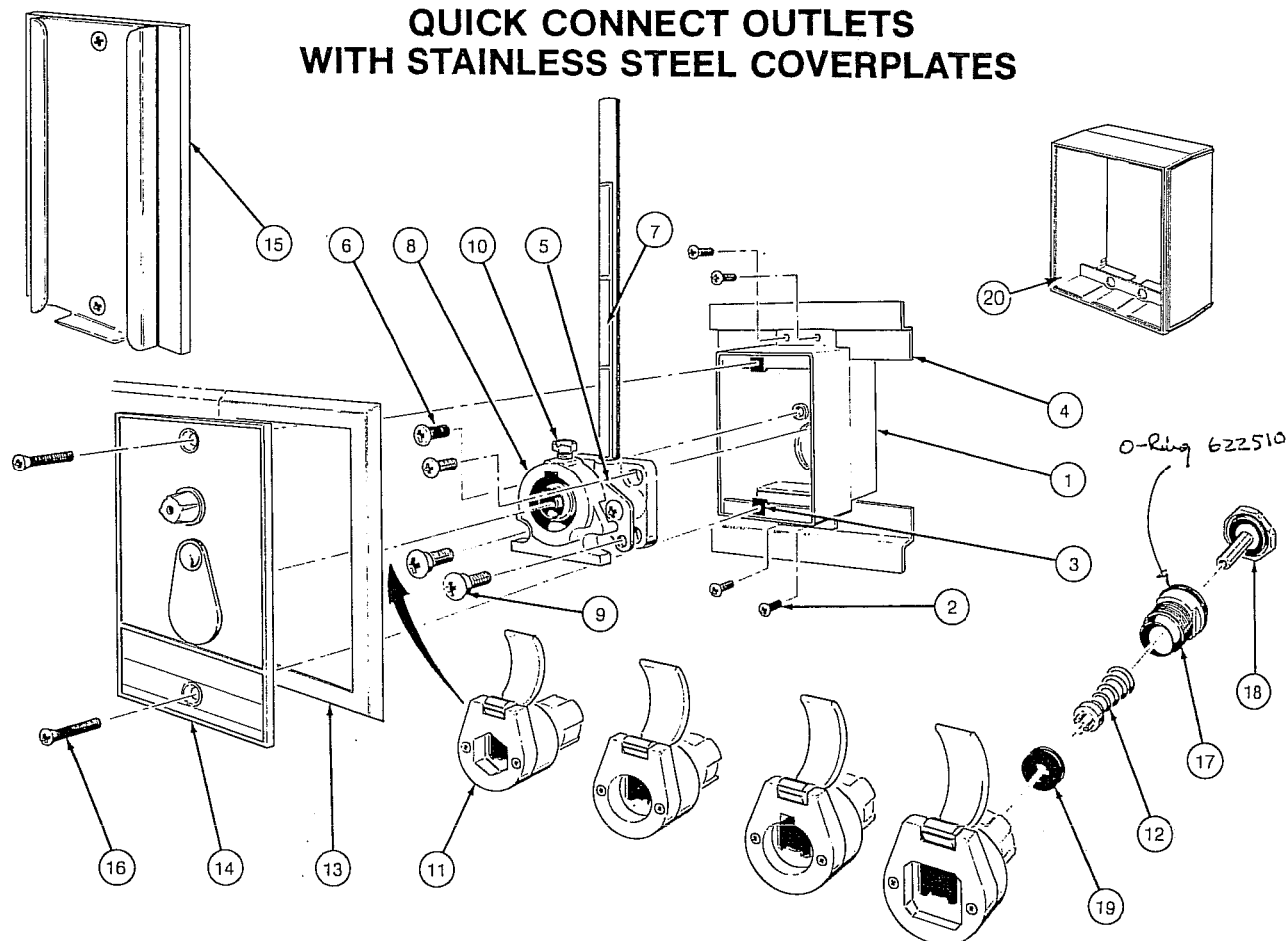


ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	OUTLET BOX	290328		AIR (International Labeling)
2.		SCREW	290329		VACUUM (International Labeling)
	814051	CONCEALED OUTLET (4 REQ'D)	9.	811254	COLLAR SCREW
	814450	EXPOSED OUTLET (4 REQ'D)	10.	815326	TWIST-OFF COLLAR SCREW
3.	826001	SPEED NUT (2 REQ'D)	11.	811559	VALVE LOCKING SCREW
4.		TIE BAR	12.		QUICK-CONNECT VALVE
	425300	SINGLE (2 REQ'D)		211170	OXYGEN
	425305	DOUBLE (2 REQ'D)		211171	NITROUS OXIDE
	425306	TRIPLE (2 REQ'D)		211172	AIR
5.		BLOCK AND TUBE ASSEMBLY (Includes items 7, 8, 9, 10, 11, 18 & 19)		211173	VACUUM
	231100	OXYGEN (U.S. Labeling)		211175	CARBON DIOXIDE
	231101	NITROUS OXIDE (U.S. Labeling)		211178	EVACUATION
	231102	AIR (U.S. Labeling)		230360	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)
	231103	VACUUM (U.S. Labeling)		230361	HELIUM/OXYGEN (He NOT OVER 80%)
	271374	CARBON DIOXIDE		230362	HELIUM/OXYGEN (He OVER 80%)
	231366	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)		230363	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)
	231375	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)		230364	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)
	231365	HELIUM/OXYGEN (He NOT OVER 80%)	13.		SPRING AND POPPET ASSEMBLY
	231376	HELIUM/OXYGEN (He OVER 80%)		230078-PS	PRESSURE
	231377	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)		230370-PS	VACUUM
	231108	EVACUATION	14.		COVERPLATE ESCUTCHEON
6.	815301	SCREW (2 REQ'D)		425211	SINGLE
7.		IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)		425212	DOUBLE
	430141	OXYGEN (U.S. Labeling)		425213	TRIPLE
	430142	NITROUS OXIDE (U.S. Labeling)		425214	QUAD
	430143	VACUUM (U.S. Labeling)		425215	5 GANG
	430144	AIR (U.S. Labeling)	14A	425219	EXPOSED OUTLETS
	435053	CARBON DIOXIDE	15.		COVERPLATE INSERT (Includes item 17)
	435124	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)		230300	OXYGEN (U.S. Labeling)
	435125	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)		230301	NITROUS OXIDE (U.S. Labeling)
	435126	HELIUM/OXYGEN (He NOT OVER 80%)		230302	AIR (U.S. Labeling)
	435127	HELIUM/OXYGEN (He OVER 80%)		230303	VACUUM (U.S. Labeling)
	435129	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)		231120	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)
	435199	EVACUATION		231121	HELIUM/OXYGEN (He NOT OVER 80%)
8.		INDEXING COLLAR (Includes items 9, 10, 11, 18 & 19)		231125	CARBON DIOXIDE
	290330	OXYGEN (U.S. Labeling)		231126	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)
	290331	NITROUS OXIDE		231127	HELIUM/OXYGEN (He OVER 80%)
	290332	AIR (U.S. Labeling)		231128	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)
	290333	VACUUM (U.S. Labeling)		230307	EVACUATION
	290334	LIFE SUPPORT GAS†	16.	230058	WALL SLIDE
	290335	NON-LIFE SUPPORT GAS*	17.	230902	COVERPLATE SCREW (2 SCREWS)
	290338	EVACUATION	18.	290161	SERIES "A" CONNECTOR AND O-RING
	290327	OXYGEN (International Labeling)	19.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)
			20.	290099	SEALING WASHER (PKG. 25)
			21.	325029	OUTLET BOX, EXPOSED

† USED WITH O₂, CO₂ MIX,
O₂-HE MIX & O₂-N₂O MIX

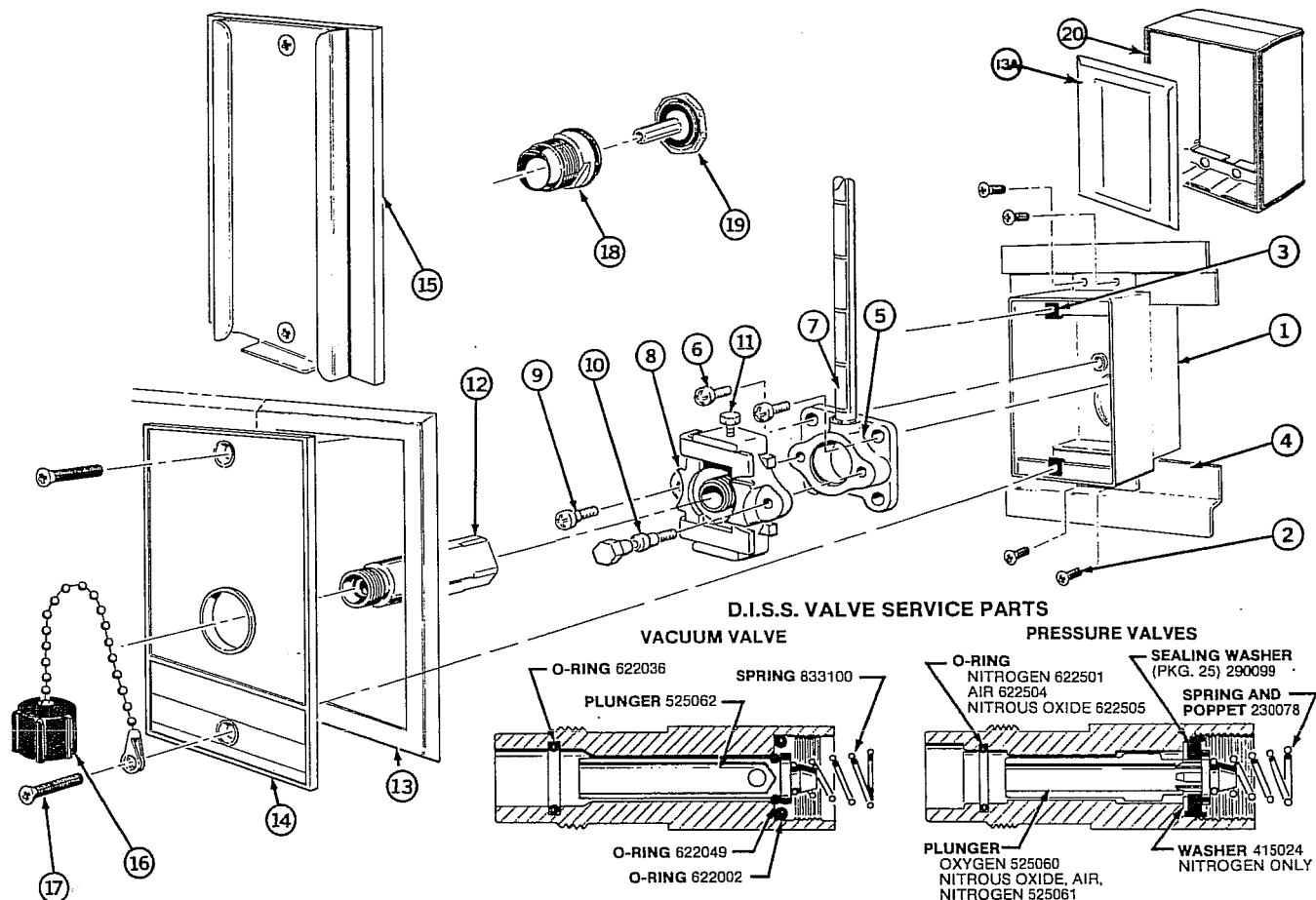
* USED WITH NITROGEN, CARBON DIOXIDE,
CO₂-O₂ MIX, N₂-O₂ MIX, HE-O₂ MIX.

REPLACEMENT PARTS FOR: SERIES "A" QUICK CONNECT OUTLETS WITH STAINLESS STEEL COVERPLATES



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	OUTLET BOX	211171		NITROUS OXIDE
2.		SCREW	211172		AIR
	814051	CONCEALED OUTLET (4 REQ'D)	211173		VACUUM
	814450	EXPOSED OUTLET (4 REQ'D)	211175		CARBON DIOXIDE
3.	826001	SPEED NUT (2 REQ'D)	271178		EVACUATION
4.		TIE BAR	230360		NITROGEN/OXYGEN (O ₂ NOT OVER 21%)
	425300	SINGLE (2 REQ'D)	230361		HELIUM/OXYGEN (He NOT OVER 80%)
	425305	DOUBLE (2 REQ'D)	230362		HELIUM/OXYGEN (He OVER 80%)
	425306	TRIPLE (2 REQ'D)	230363		CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)
	425307	QUAD (2 REQ'D)	230364		CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)
	425308	5 GANG (2 REQ'D)	12.		SPRING AND POPPET ASSEMBLY
5.		BLOCK AND TUBE ASSEMBLY		230078	PRESSURE
	230178	PRESSURE		230370	VACUUM
	230179	VACUUM	13.		COVERPLATE ESCUTCHEON
6.	815301	SCREW (2 REQ'D)		425211	SINGLE
7.		IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)		425212	DOUBLE
	430141	OXYGEN (U.S. Labeling)		425213	TRIPLE
	430142	NITROUS OXIDE (U.S. Labeling)		425214	QUAD
	430143	VACUUM (U.S. Labeling)		425215	5 GANG
	430144	AIR (U.S. Labeling)		425219	EXPOSED OUTLETS
	435053	CARBON DIOXIDE	14.		COVERPLATE INSERT
	435124	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)		230300	OXYGEN (U.S. Labeling)
	435125	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)		230301	NITROUS OXIDE (U.S. Labeling)
	435126	HELIUM/OXYGEN (He NOT OVER 80%)		230302	AIR (U.S. Labeling)
	435127	HELIUM/OXYGEN (He OVER 80%)		230303	VACUUM (U.S. Labeling)
	435129	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)		231120	CARBON DIOXIDE/OXYGEN (CO ₂ NOT OVER 7%)
	435199	EVACUATION		231121	HELIUM/OXYGEN (He NOT OVER 80%)
8.		INDEXING RING		231125	CARBON DIOXIDE
	230180	OXYGEN		231126	CARBON DIOXIDE/OXYGEN (CO ₂ OVER 7%)
	230181	NITROUS OXIDE		231127	HELIUM/OXYGEN (He OVER 80%)
	230182	AIR		231128	NITROGEN/OXYGEN (O ₂ NOT OVER 21%)
	230183	VACUUM		230307	EVACUATION
	230184	LIFE SUPPORT GAS	15.	230058	WALL SLIDE
	230185	NON-LIFE SUPPORT GAS	16.	230902	COVERPLATE SCREW (2 SCREWS)
9.	815321	INDEXING RING SCREW (2 REQ'D)	17.	290161	SERIES "A" CONNECTOR AND O-RING
10.	811500	LOCKING SCREW	18.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)
11.		QUICK-CONNECT VALVE	19.	290099	SEALING WASHER (PKG. 25)
	211170	OXYGEN	20.	325029	OUTLET BOX, EXPOSED
				290159	SERVICE PARTS KIT FOR SERIES "A"
					QUICK-CONNECT VALVE

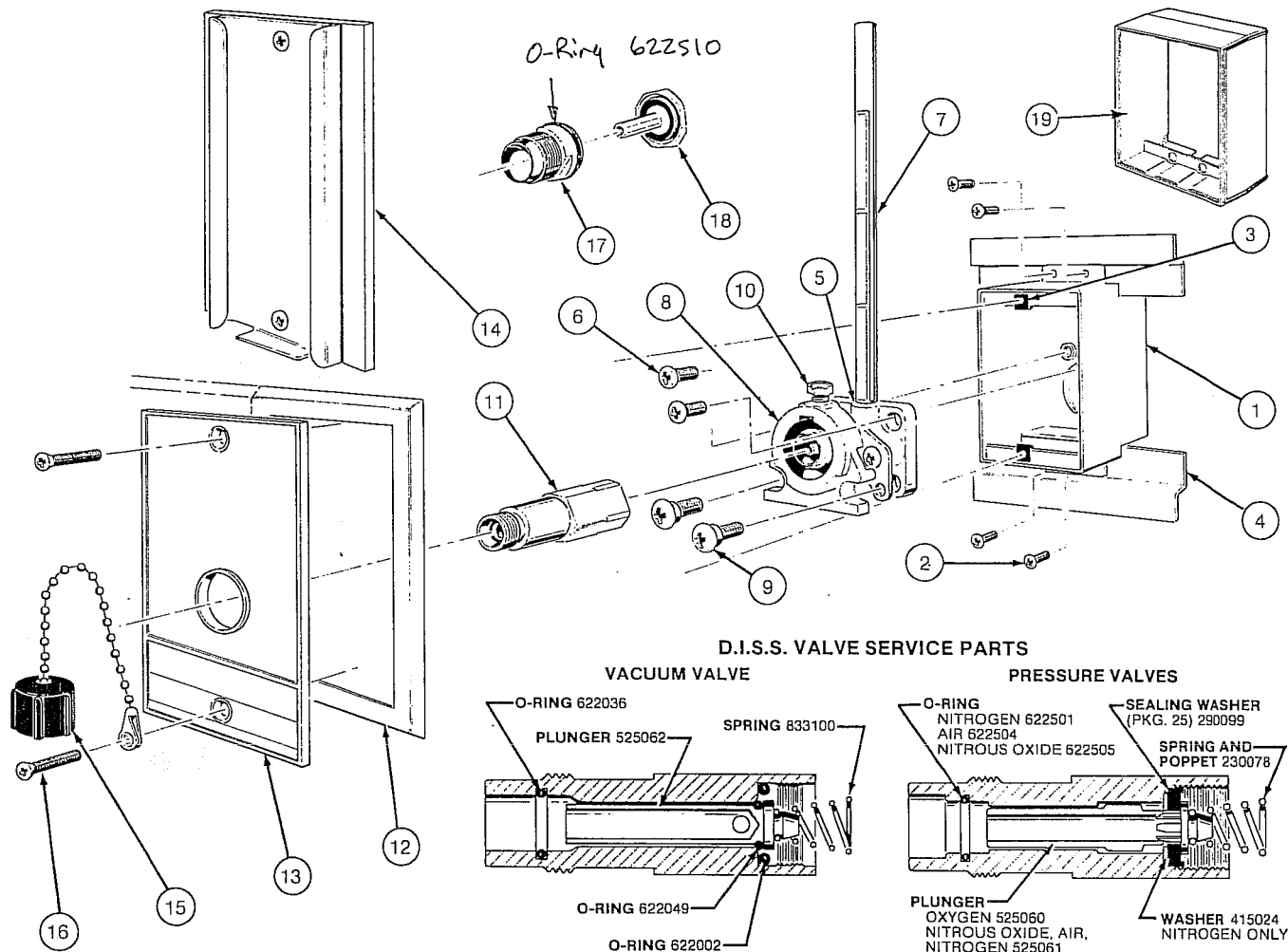
REPLACEMENT PARTS FOR: SERIES "A" DIAMETER INDEX SAFETY SYSTEM OUTLETS WITH STAINLESS STEEL COVERPLATES



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	OUTLET BOX	9.	811254	COLLAR SCREW
2.		SCREW	10.	815326	TWIST-OFF COLLAR SCREW
	814051	CONCEALED OUTLET (4 REQ'D)	11.	811559	VALVE LOCKING SCREW
	814450	EXPOSED OUTLET (4 REQ'D)			
3.	826001	SPEED NUT (2 REQ'D)	12.		D.I.S.S. VALVE
4.		TIE BAR		230240	OXYGEN
	425300	SINGLE (2 REQ'D)		230241	NITROUS OXIDE
	425305	DOUBLE (2 REQ'D)		230242	AIR
	425306	TRIPLE (2 REQ'D)		230243	VACUUM
	425307	QUAD (2 REQ'D)		230244	NITROGEN
	425308	5 GANG (2 REQ'D)		230092	EVACUATION
5.		BLOCK AND TUBE ASSEMBLY (Includes items 7, 8, 9, 10, 11, 18 & 19)	13.		COVERPLATE ESCUTCHEON
	231100	OXYGEN (U.S. Labeling)		425211	SINGLE
	231101	NITROUS OXIDE (U.S. Labeling)		425212	DOUBLE
	231102	AIR (U.S. Labeling)		425213	TRIPLE
	231103	VACUUM (U.S. Labeling)		425214	QUAD
	231104	NITROGEN (U.S. Labeling)		425215	5 GANG
	231108	EVACUATION	13A.	425219	EXPOSED OUTLETS
6.	815301	SCREW (2 REQ'D)	14.		COVERPLATE INSERT
7.		IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)		230320	OXYGEN (U.S. Labeling)
	430141	OXYGEN (U.S. Labeling)		230321	NITROUS OXIDE (U.S. Labeling)
	430142	NITROUS OXIDE (U.S. Labeling)		230322	AIR (U.S. Labeling)
	430143	VACUUM (U.S. Labeling)		230323	VACUUM (U.S. Labeling)
	430144	AIR (U.S. Labeling)		230324	NITROGEN (U.S. Labeling)
	435000	NITROGEN		230328	EVACUATION
	435199	EVACUATION			
8.		INDEXING COLLAR (Includes items 9, 10, 11, 18 & 19)	15.	230058	WALL SLIDE
	290330	OXYGEN (U.S. Labeling)	16.		DUST COVER AND CHAIN
	290331	NITROUS OXIDE		230056	OXYGEN
	290332	AIR (U.S. Labeling)		230057	NITROUS OXIDE, AIR, VACUUM, NITROGEN
	290333	VACUUM (U.S. Labeling)			
	290335	NON-LIFE SUPPORT GAS*	17.	230902	COVERPLATE SCREW (2 SCREWS)
	290338	EVACUATION	18.	290161	SERIES "A" CONNECTOR AND O-RING
	290327	OXYGEN (International Labeling)	19.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)
	290328	AIR (International Labeling)	20.	325029	OUTLET BOX, EXPOSED
	290329	VACUUM (International Labeling)			

* USED WITH NITROGEN, CARBON DIOXIDE, CO₂-O₂ MIX, N₂-O₂ MIX, HE-O₂ MIX.

REPLACEMENT PARTS FOR: SERIES "A" DIAMETER INDEX SAFETY SYSTEM OUTLETS WITH STAINLESS STEEL COVERPLATES



ITEM	PART NO.	DESCRIPTION	ITEM	PART NO.	DESCRIPTION
1.	325030	OUTLET BOX	10.	811500	LOCKING SCREW
2.		SCREW	11.		D.I.S.S. VALVE
	814051	CONCEALED OUTLET (4 REQ'D)		230240	OXYGEN
	814450	EXPOSED OUTLET (4 REQ'D)		230241	NITROUS OXIDE
3.	826001	SPEED NUT (2 REQ'D)		230242	AIR
4.		TIE BAR		230243	VACUUM
	425300	SINGLE (2 REQ'D)		230244	NITROGEN
	425305	DOUBLE (2 REQ'D)		435199	EVACUATION
	425306	TRIPLE (2 REQ'D)	12.		COVERPLATE ESCUTCHEON
	425307	QUAD (2 REQ'D)		425211	SINGLE
	425308	5 GANG (2 REQ'D)		425212	DOUBLE
5.		BLOCK AND TUBE ASSEMBLY		425213	TRIPLE
	230178	PRESSURE		425214	QUAD
	230179	VACUUM		425215	5 GANG
6.	815301	SCREW (2 REQ'D)		425219	EXPOSED OUTLETS
7.		IDENTIFICATION TAPE (AVAILABLE IN ROLL OF 1900 ONLY.)	13.		COVERPLATE INSERT
	430141	OXYGEN (U.S. Labeling)		230320	OXYGEN (U.S. Labeling)
	430142	NITROUS OXIDE (U.S. Labeling)		230321	NITROUS OXIDE (U.S. Labeling)
	430143	VACUUM (U.S. Labeling)		230322	AIR (U.S. Labeling)
	430144	AIR (U.S. Labeling)		230323	VACUUM (U.S. Labeling)
	435000	NITROGEN		230324	NITROGEN (U.S. Labeling)
	435199	EVACUATION		230328	EVACUATION
8.		INDEXING RING	14.	230058	WALL SLIDE
	230180	OXYGEN	15.		DUST COVER AND CHAIN
	230181	NITROUS OXIDE		230056	OXYGEN
	230182	AIR		230057	NITROUS OXIDE, AIR, VACUUM, NITROGEN
	230183	VACUUM		230902	COVERPLATE SCREW (2 SCREWS)
	230185	NON-LIFE SUPPORT GAS		290161	SERIES "A" CONNECTOR AND O-RING
9.	815321	INDEXING RING SCREW (2 REQ'D)	16.	230187	SERVICE VALVE (PRESSURE OUTLETS ONLY)
			17.	325029	OUTLET BOX, EXPOSED

SERVICE CHECK CHART

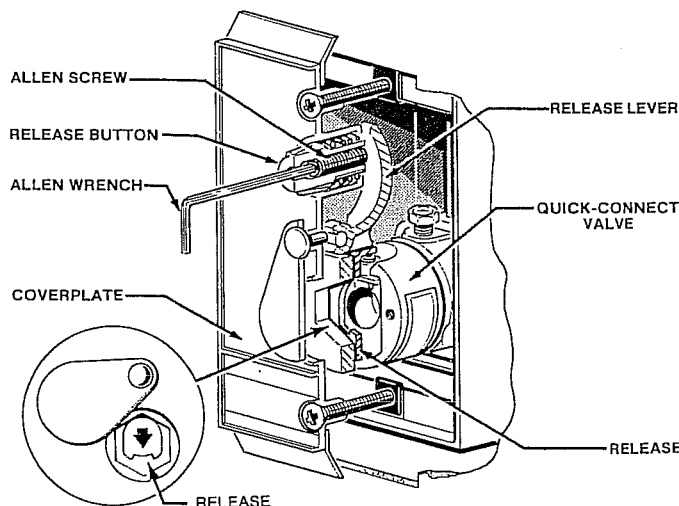
SYMPTOM	POSSIBLE CAUSE	CORRECTIVE ACTION
Leak — no stem inserted. ➡	Valve not tightened onto outlet block. Faulty sealing washer. Faulty spring and poppet. Damaged connector. Damaged valve.	Tighten until valve contacts block — back off up to one turn for alignment. Replace. Replace. Replace. Replace.
Leak — with stem inserted. ➡	Faulty stem. Faulty sealing washer. Faulty valve. Faulty nipple O-ring or body O-ring (D.I.S.S.)	Replace. Replace. Replace. Replace.
Leak — at the outlet block with no valve attached. ➡	Faulty service valve (pressure). Faulty connector.	Replace, Part No. 230187. Replace, Part No. 290161.
Quick-Connect stem hard to insert and/or remove. ➡	Outlet not adjusted properly. Defective valve. Depressing the release button and holding it down while making a connection or removing a stem.	Adjust outlet release button. (See below). Replace valve. Do not depress release button while inserting or withdrawing stems. Push the button to release the stem, release the button and then remove the stem.

QUICK-CONNECT RELEASE BUTTON ADJUSTMENT

Variation in finished wall thickness or distance from the outlet valve to the coverplate may require adjustment of the release button for ease of outlet operation.

Use a 5/64" Allen wrench (Part No. 995504) to perform the adjustment. Insert the wrench in the small hole in the release button as shown. Turn the Allen screw (inside the release button) until the screw just contacts the release lever on the valve. Check the adjustment by observing that the metal release in the valve moves downward as the button is depressed. The button should move approximately 1/16" before the metal release moves down.

If the adjustment screw is too far "in", the stem cannot be inserted or removed. If the adjustment screw is too far "out", the stem cannot be released.



PURITAN-BENNETT
CORPORATION

PURITAN DIVISION
10800 PFLUMM ROAD
LENEXA, KANSAS 66215