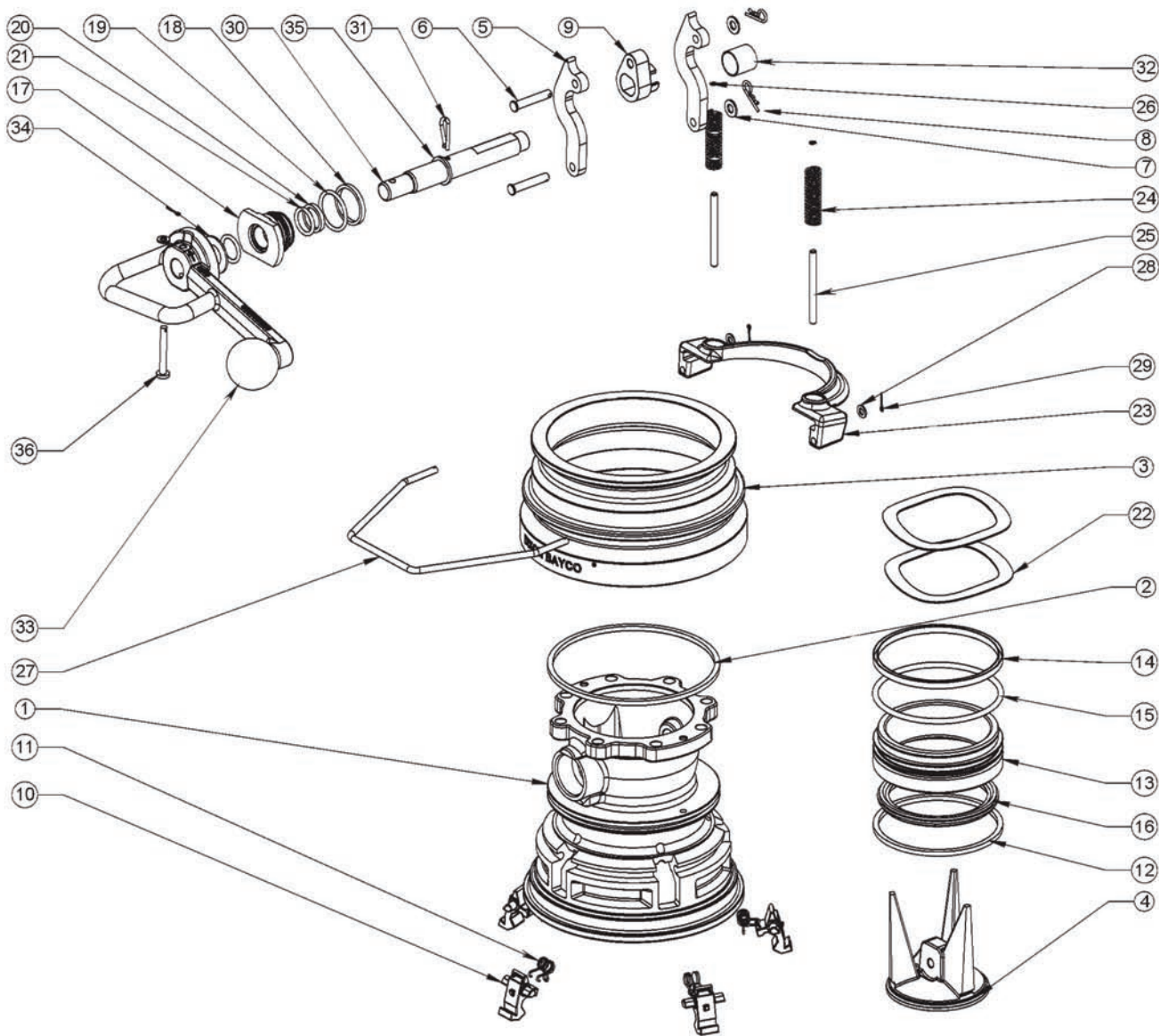


Fuel Tanker Loading and Unloading

5300/5400 Series API Couplers

API Bottom Rack Loading Fittings



Petroleum
Replacement Parts

Product instruction sheets and technical data can be viewed on our website at dixonbayco.com by selecting the "Resources" menu

Fuel Tanker Loading and Unloading

Bill of Materials

Qty of Components per Unit

Item #	Description	Part #	5300	5300B	5300BC	5300G	5400	5400B	5400G
1	body	-	1	1	1	1	1	1	1
2	body dust ring	112173	1	1	1	1	1	1	1
3	sleeve assembly	400684	1	1	1	1	1	1	1
4	poppet	Use kit 5354K19	1	1	1	1	1	1	1
5	bent link	112151	2	2	2	2	2	2	2
6	link pin	391141	2	2	2	2	2	2	2
7	link washer	112158	2	2	2	2	2	2	2
8	hitch pin	112177	2	2	2	2	2	2	2
9	drive link	112148	1	1	1	1	1	1	1
10	interlocking cam	112147	5	5	5	5	5	5	5
11	torsion spring	112149	5	5	5	5	5	5	5
12	nose piece dust ring	112174	1	1	1	1	1	1	1
13A	nose piece	391138	N/A	N/A	N/A	N/A	1	1	1
13B	nose piece for 5300BC	400698	N/A	N/A	1	N/A	N/A	N/A	N/A
14	PTFE U-Seal 350 (optional) *	112164	1	1	1	1	1	1	1
15A	O-ring 2-350, Buna	Use kit 5354K7, 5354K8, 5354K13 or 5354K14	1	N/A	N/A	N/A	1	N/A	N/A
15B	O-ring 2-350, FKM-B	Use kit 5354K9, 5354K10, 5354K15 or 5354K16	N/A	1	1	N/A	N/A	1	N/A
15C	O-ring 2-350, FKM GFLT	Use kit 5354K11, 5354K12, 5354K17 or 5354K18	N/A	N/A	N/A	1	N/A	N/A	1
16A	replaceable nose seal, Buna	Use kit 5354K13 or 5354K14	N/A	N/A	N/A	N/A	1	N/A	N/A
16B	replaceable nose seal, FKM-B	Use kit 5354K15 or 5354K16	N/A	N/A	N/A	N/A	N/A	1	N/A
16C	replaceable nose seal, FKM GFLT	Use kit 5354K17 or 5354K18	N/A	N/A	N/A	N/A	N/A	N/A	1
16D	bonded nose seal, Buna	Use kit 5354K7 or 5354K8	1	N/A	N/A	N/A	N/A	N/A	N/A
16E	bonded nose seal, FKM-B	Use kit 5354K9 or 5354K10	N/A	1	1	N/A	N/A	N/A	N/A
16F	bonded nose seal, FKM GFLT	Use kit 5354K11 or 5354K12	N/A	N/A	N/A	1	N/A	N/A	N/A
17	bearing	341790	1	1	1	1	1	1	1
18	PTFE U-Seal 220 (Optional) *	112163	1	1	1	1	1	1	1
19A	O-ring 2-220, Buna	Use kit 5354K1 or 5354K2	1	N/A	N/A	N/A	1	N/A	N/A
19B	O-ring 2-220, FKM-B	Use kit 5354K3 or 5354K4	N/A	1	1	N/A	N/A	1	N/A
19C	O-ring 2-220, FKM GFLT	Use kit 5354K5 or 5354K6	N/A	N/A	N/A	1	N/A	N/A	1
20	PTFE U-Seal 212 (optional) *	112162	1	1	1	1	1	1	1
21A	O-ring 2-212, Buna	Use kit 5354K1 or 5354K2	2	N/A	N/A	N/A	2	N/A	N/A
21B	O-ring 2-212, FKM-B	Use kit 5354K3 or 5354K4	N/A	2	2	N/A	N/A	2	N/A
21C	O-ring 2-212, FKM GFLT	Use kit 5354K5 or 5354K6	N/A	N/A	N/A	2	N/A	N/A	2
22A	wave spring washer	112172	2	2	N/A	2	2	2	2
22B	SS wave spring pack	112282	N/A	N/A	1	N/A	N/A	N/A	N/A
23	bail	341788	1	1	1	1	1	1	1
24	bail spring	112150	2	2	2	2	2	2	2
25	bail pin	112175	2	2	2	2	2	2	2
26	internal retaining ring	112176	2	2	2	2	2	2	2
27	release	391139	1	1	1	1	1	1	1
28	washer	111562	3	3	3	3	3	3	3
29	cotter pin	111563	3	3	3	3	3	3	3
30	shaft	391140	1	1	1	1	1	1	1
31	SS cotton pin	112307	1	1	1	1	1	1	1
32	spacer	391142	1	1	1	1	1	1	1
33	handle	341789	1	1	1	1	1	1	1
34	shaft outside washer	112160	1	1	1	1	1	1	1
35	shaft inside washer	112159	1	1	1	1	1	1	1
36	clevis pin	111953	1	1	1	1	1	1	1
37	latch	112240	1	1	1	1	1	1	1

* Items 14, 18 and 20 are optional PTFE U seals. When the U seals are added to the coupler they isolate the main rubber seals from the liquid being conveyed, thereby increasing the longevity of the rubber seals.

N/A = "Not Applicable"

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Fuel Tanker Loading and Unloading

5300/5400 Series API Couplers

API Bottom Rack Loading Fittings

Repair Kits

Part #	Description	Include items #
5354K1	Buna shaft seal kit: for 5300 and 5400	19A, 21A, 34, 35
5354K2	Buna shaft seal kit with optional PTFE U Seals: for 5300 and 5400	18*, 19A, 20*, 21A, 34, 35
5354K3	FKM-B shaft seal kit: for 5300B and 5400B	19B, 21B, 34, 35
5354K4	FKM-B shaft seal kit with optional PTFE U Seals: for 5300B and 5400B	18*, 19B, 20*, 21B, 34, 35
5354K5	FKM GFLT shaft seal kit: for 5300G and 5400G	19C, 21C, 34, 35
5354K6	FKM GFLT shaft seal kit with optional PTFE U Seals: for 5300G and 5400G	18*, 19C, 20*, 21C, 34, 35
5354K7	Buna bonded nose seal kit: for 5300	12, 13, 15A, 16D
5354K8	Buna bonded nose seal kit with optional PTFE U seal: for 5300	12, 13, 14*, 15A, 16D
5354K9	FKM-B bonded nose seal kit: for 5300B	12, 13, 15B, 16E
5354K10	FKM-B bonded nose seal kit with optional PTFE U seal: for 5300B	12, 13, 14*, 15B, 16E
5354K11	FKM GFLT bonded nose seal kit: for 5300G	12, 13, 15C, 16F
5354K12	FKM GFLT bonded nose seal kit with optional PTFE U seal: for 5300G	12, 13, 14*, 15C, 16F
5354K13	Buna replaceable nose seal kit: for 5400	12, 15A, 16A
5354K14	Buna replaceable nose seal kit with optional PTFE U seal: for 5400	12, 14*, 15A, 16A
5354K15	FKM-B replaceable nose seal kit: for 5400B	12, 15B, 16B
5354K16	FKM-B replaceable nose seal kit with optional PTFE U seal: for 5400B	12, 14*, 15B, 16B
5354K17	FKM GFLT replaceable nose seal kit: for 5400G	12, 15C, 16C
5354K18	FKM GFLT replaceable nose seal kit with optional PTFE U seal: for 5400G	12, 14*, 15C, 16C
5354K19	Valve assembly repair kit: for 5300, 5300B, 5300G, 5400, 5400B, 5400G	4, 5, 6, 7, 8, 9, 34, 35

* Items 14, 18 and 20 are optional PTFE U seals. When the U seals are added to the coupler they isolate the main rubber seals from the liquid being conveyed, thereby increasing the longevity of the rubber seals.