

CATERPILLAR WSF223 XD

FNM / SEBP6774

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453-4779 COMMON AR-FLUID END PUMP

453-4779 COMMON AR-FLUID END PUMP S/N FNM1-UP 2250-HP. 3-CYLINDERS. 5-IN BORE. 8-IN STROKE. EXTREME DUTY. THIS ARRANGEMENT DOES NOT REPRESENT A COMPLETE FLUID END. TO MAKE A COMPLETE FLUID END SELECT A RIGHT AND LEFT FLANGE GROUP OPTION. AND SENSOR MOUNTING GROUP IS AN AVAILABLE OPTIONAL ATTACHMENT. FOR USE WITH 453-3188 PUMP GP, 450-6585 OR 435-0173 OR 450-6586 OR 435-0174 OR 450-6587 OR 450-6588 LEFT SIDE FLANGE GP, 435-0143 OR 444-2605 OR 444-2602 OR 444-2604 OR 435-0155 OR 435-0171 RIGHT SIDE FLANGE GP

Arrangement composition. Follow the table links to the component drawings.

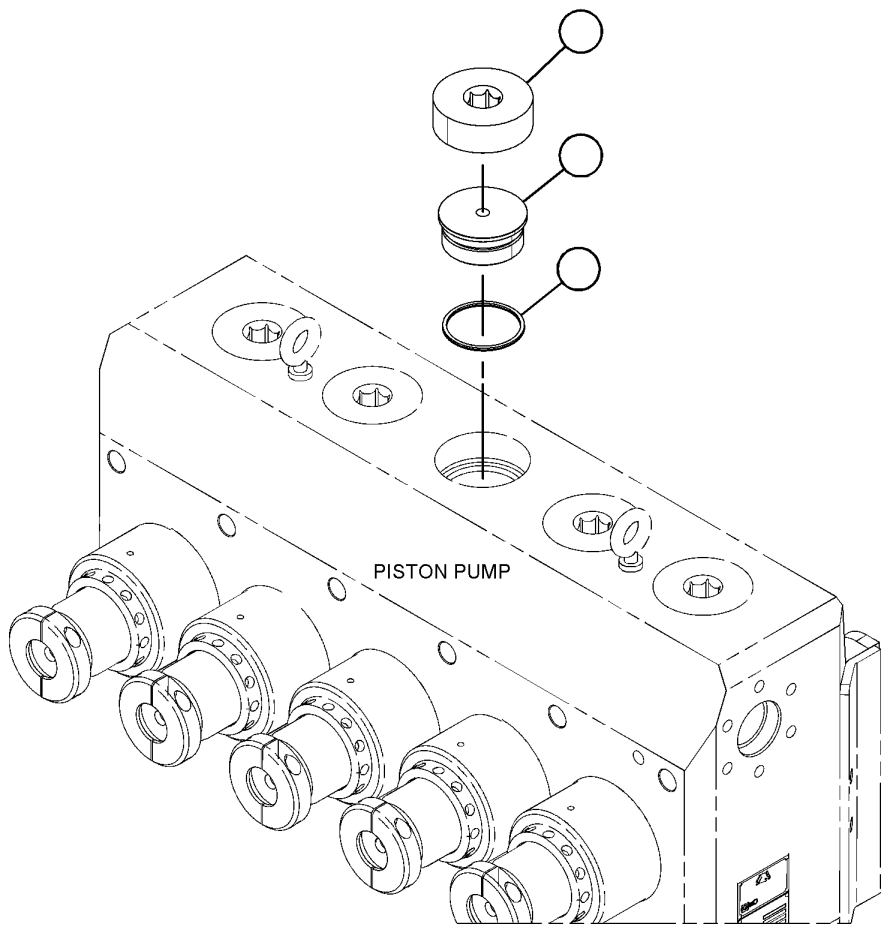
Ref.	Part number	Description	Qty	Code	Group page
	435-0143	FLANGE & MOUNTING GP (BLANK)	1	NY	4
	435-0155	FLANGE & MOUNTING GP (3-IN FIGURE 1502 MALE)	1	NY	5
	435-0171	FLANGE & MOUNTING GP (2-IN FIGURE 2002 FEMALE)	1	NY	6
	444-2602	FLANGE & MOUNTING GP (3-IN FIGURE 1502 FEMALE)	1	NY	9
	444-2604	FLANGE & MOUNTING GP (2-IN FIGURE 1502 FEMALE)	1	NY	10
	444-2605	FLANGE & MOUNTING GP (BLANK WITH BLEED)	1	NY	
	435-0173	FLANGE & MOUNTING GP (BLANK WITH BLEED)	1	XY	7
	435-0174	FLANGE & MOUNTING GP (3-IN FIGURE 1502 FEMALE)	1	XY	8
	450-6585	FLANGE & MOUNTING GP (BLANK)	1	XY	
	450-6586	FLANGE & MOUNTING GP (2-IN FIGURE 1502 FEMALE)	1	XY	
	450-6587	FLANGE & MOUNTING GP (3-IN FIGURE 1502 MALE)	1	XY	
	450-6588	FLANGE & MOUNTING GP (2-IN FIGURE 2002 FEMALE)	1	XY	
	462-9802	MOUNTING GP-SENSOR	1	HY	
	453-3188	PUMP GP-PISTON (FLUID END)	1	JY	

CAT codes: H, J, N, X, Y.

478-0201 COVER GP-PUMP

478-0201 COVER GP-PUMP S/N FN41-UP; RX41-UP; FNH1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FN61-UP; EA71-UP; FN71-UP; BM81-UP; BM91-UP; FND1-UP; FNE1-UP; FNG1-UP PART OF 452-4798, 453-3190 PUMP GP, 434-9821, 434-9838, 434-9840, 434-9979, 434-9980, 434-9983, 434-9984, 435-0057, 452-4741, 452-4797, 453-3187, 453-3188 PUMP GP-PISTON

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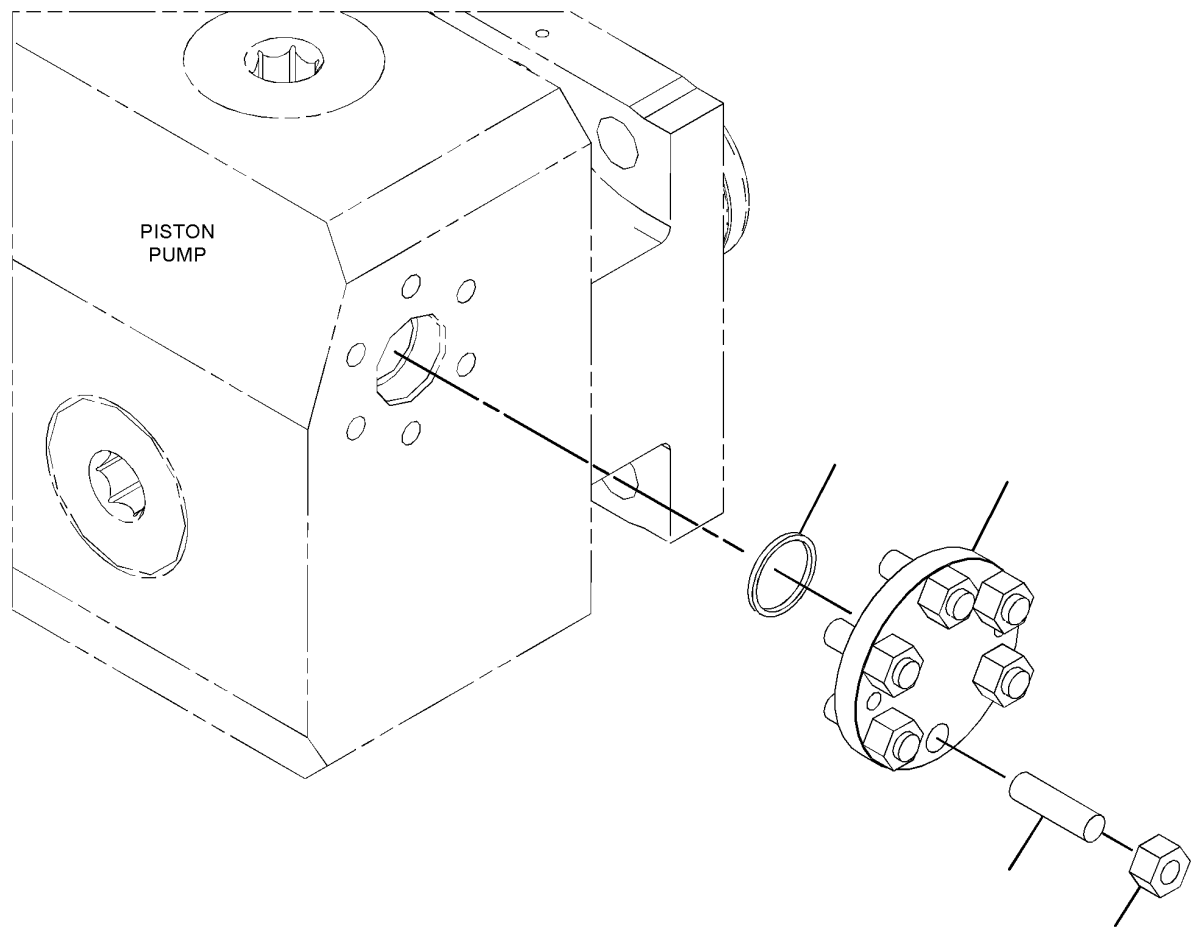
Ref.	Part number	Description	Qty	Code	Group page
1	434-9783	NUT-RETAINER	1		
2	564-2742	COVER	1		
3	434-9830	SEAL-COVER	1		
OR alternate consist option CAT source: -OR-					
	481-1294	SEAL-D-RING	1	B	
(FOR USE IN COLD WEATHER)					

CAT codes: B.

435-0143 FLANGE & MOUNTING GP -BLANK

435-0143 FLANGE & MOUNTING GP -BLANK S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP RIGHT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

Drawing 1 of 1

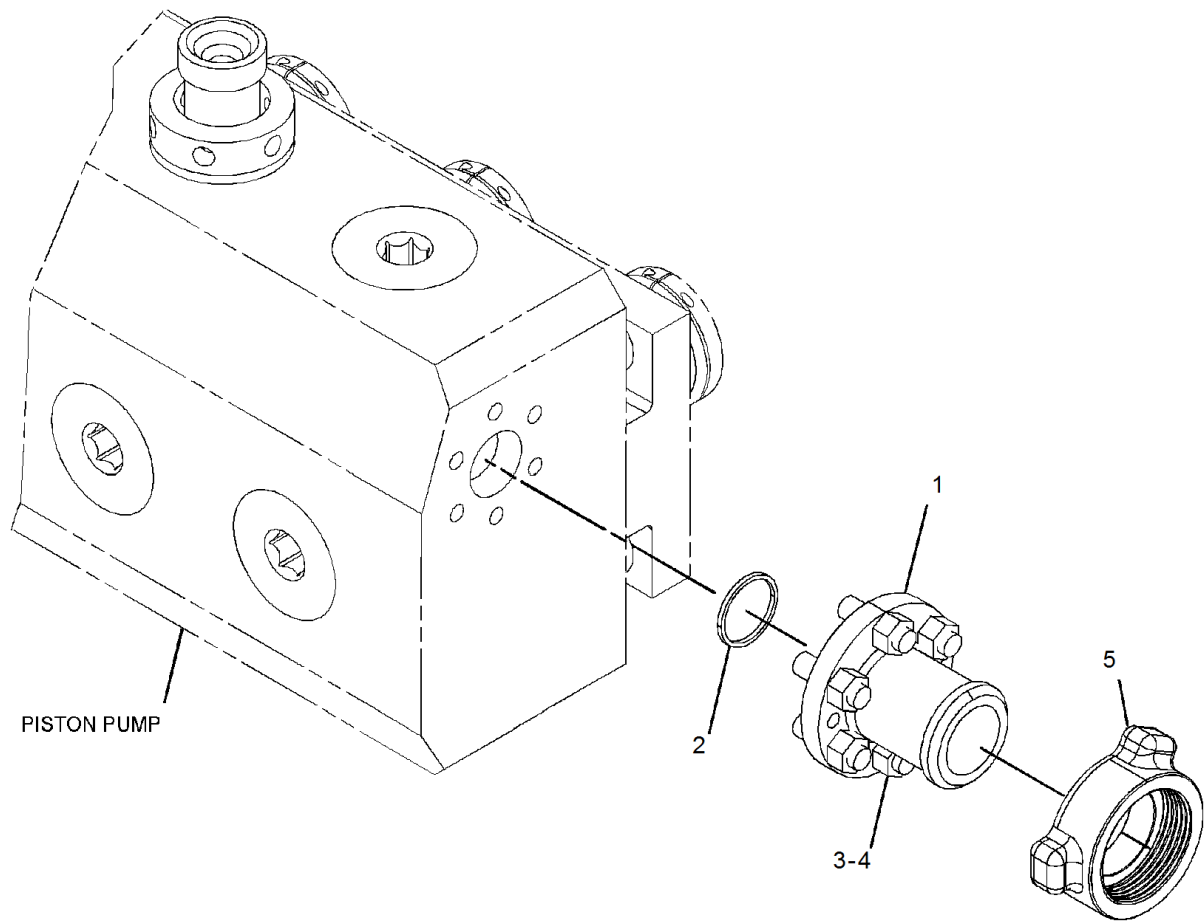


Ref.	Part number	Description	Qty	Code	Group page
1	434-9790	FLANGE	1		
2	434-9805	SEAL-FLANGE	1		
3	434-9792	STUD (1-8X88.9MM)	6		
4	461-0815	NUT (1-8-THD)	6		

435-0155 FLANGE & MOUNTING GP -3-IN FIGURE 1502 MALE

435-0155 FLANGE & MOUNTING GP -3-IN FIGURE 1502 MALE S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP RIGHT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

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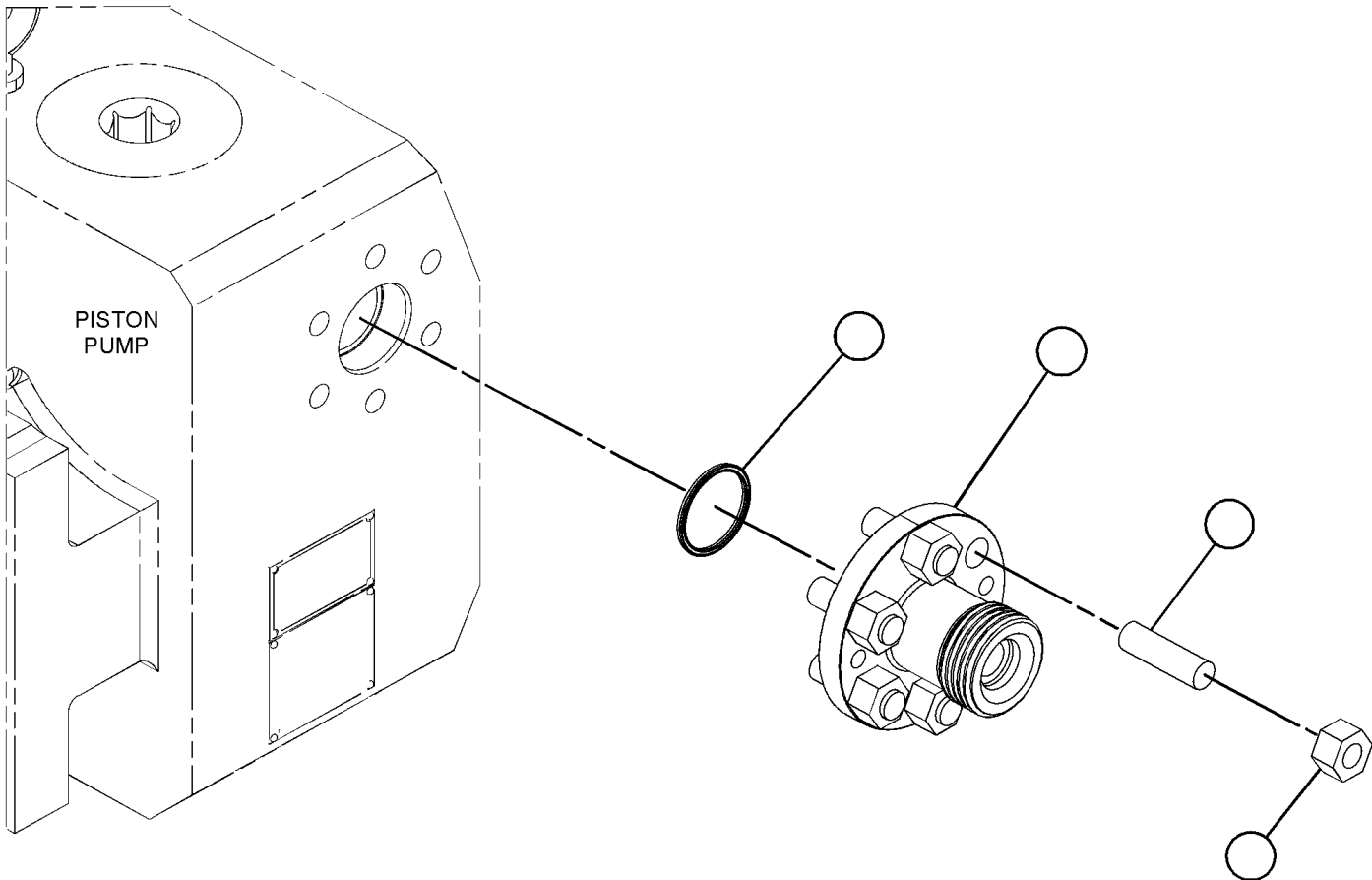


Ref.	Part number	Description	Qty	Code	Group
			.		page
1	434-9791	FLANGE	1		
2	434-9805	SEAL-FLANGE	1		
3	434-9792	STUD (1-8X88.9MM)	6		
4	461-0815	NUT (1-8-THD)	6		
5	444-2603	FLANGE	1		

435-0171 FLANGE & MOUNTING GP -2-IN FIGURE 2002 FEMALE

435-0171 FLANGE & MOUNTING GP -2-IN FIGURE 2002 FEMALE S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP RIGHT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

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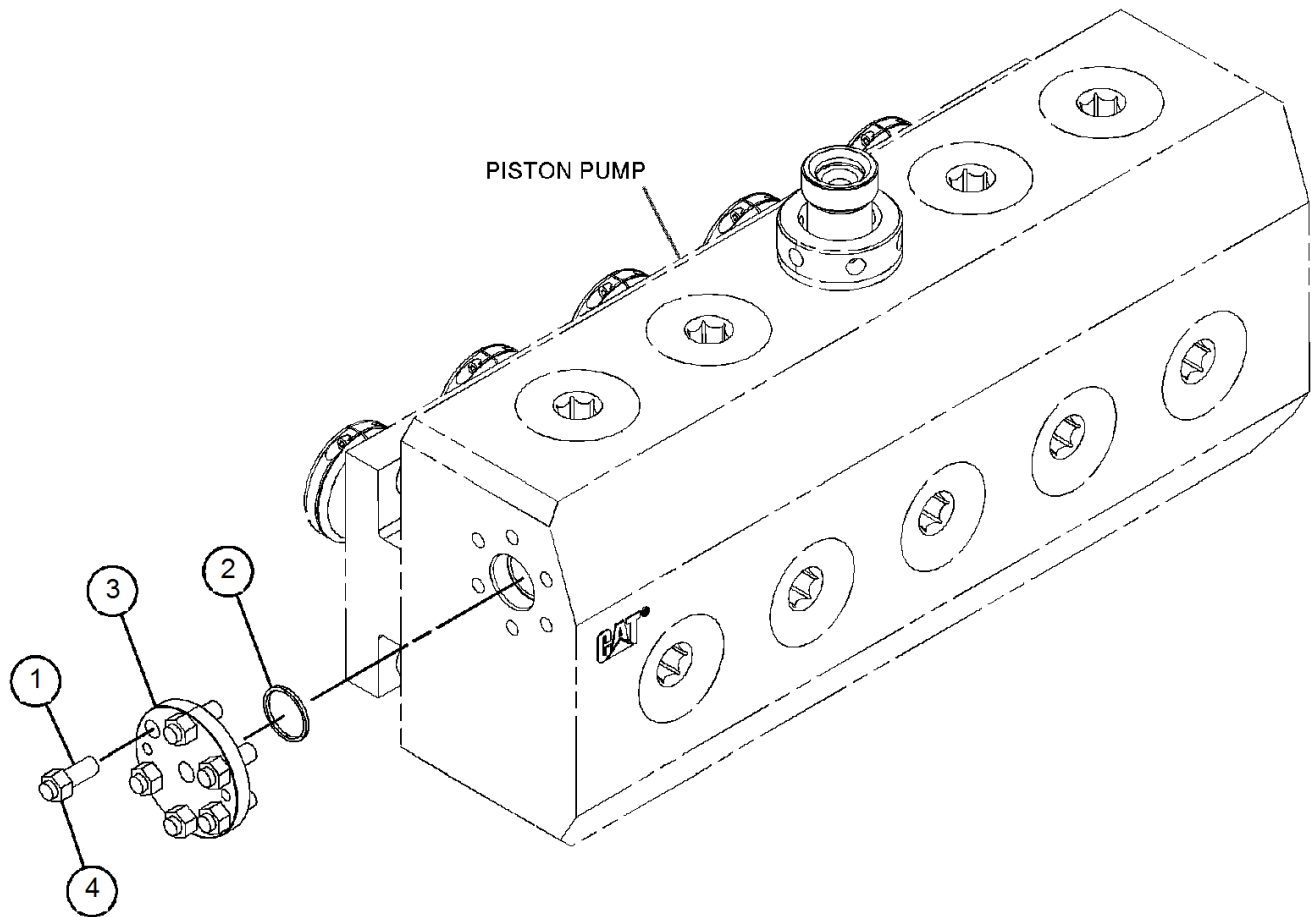


Ref.	Part number	Description	Qty	Code	Group page
1	435-0035	FLANGE	1		
2	434-9792	STUD (1-8X88.9MM)	6		
3	434-9805	SEAL-FLANGE	1		
4	461-0815	NUT (1-8-THD)	6		

435-0173 FLANGE & MOUNTING GP -BLANK WITH BLEED

435-0173 FLANGE & MOUNTING GP -BLANK WITH BLEED S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP LEFT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

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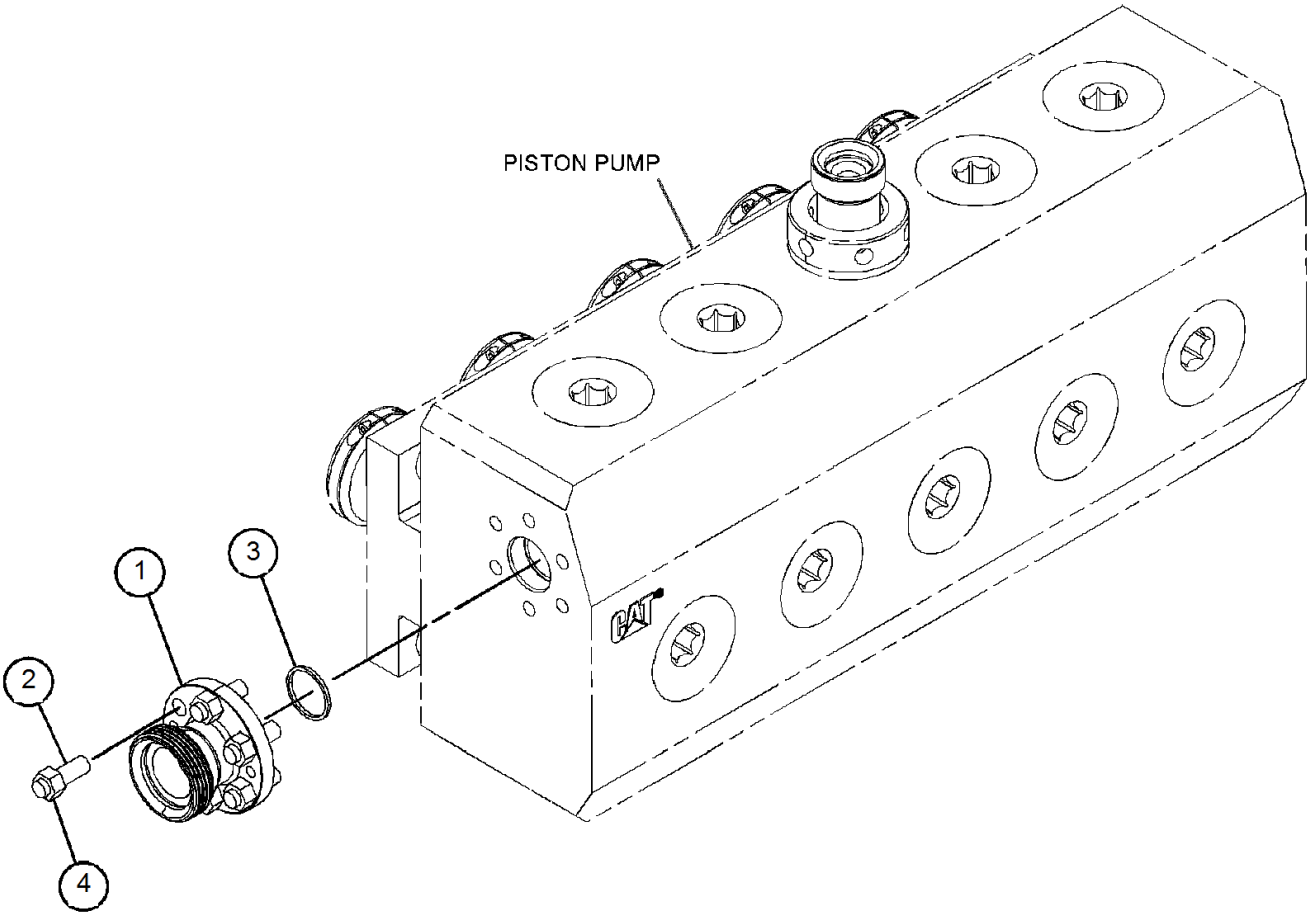


Ref.	Part number	Description	Qty	Code	Group page
1	434-9792	STUD (1-8X88.9MM)	6		
2	434-9805	SEAL-FLANGE	1		
3	435-0052	FLANGE	1		
4	461-0815	NUT (1-8-THD)	6		

435-0174 FLANGE & MOUNTING GP -3-IN FIGURE 1502 FEMALE

435-0174 FLANGE & MOUNTING GP -3-IN FIGURE 1502 FEMALE S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP LEFT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

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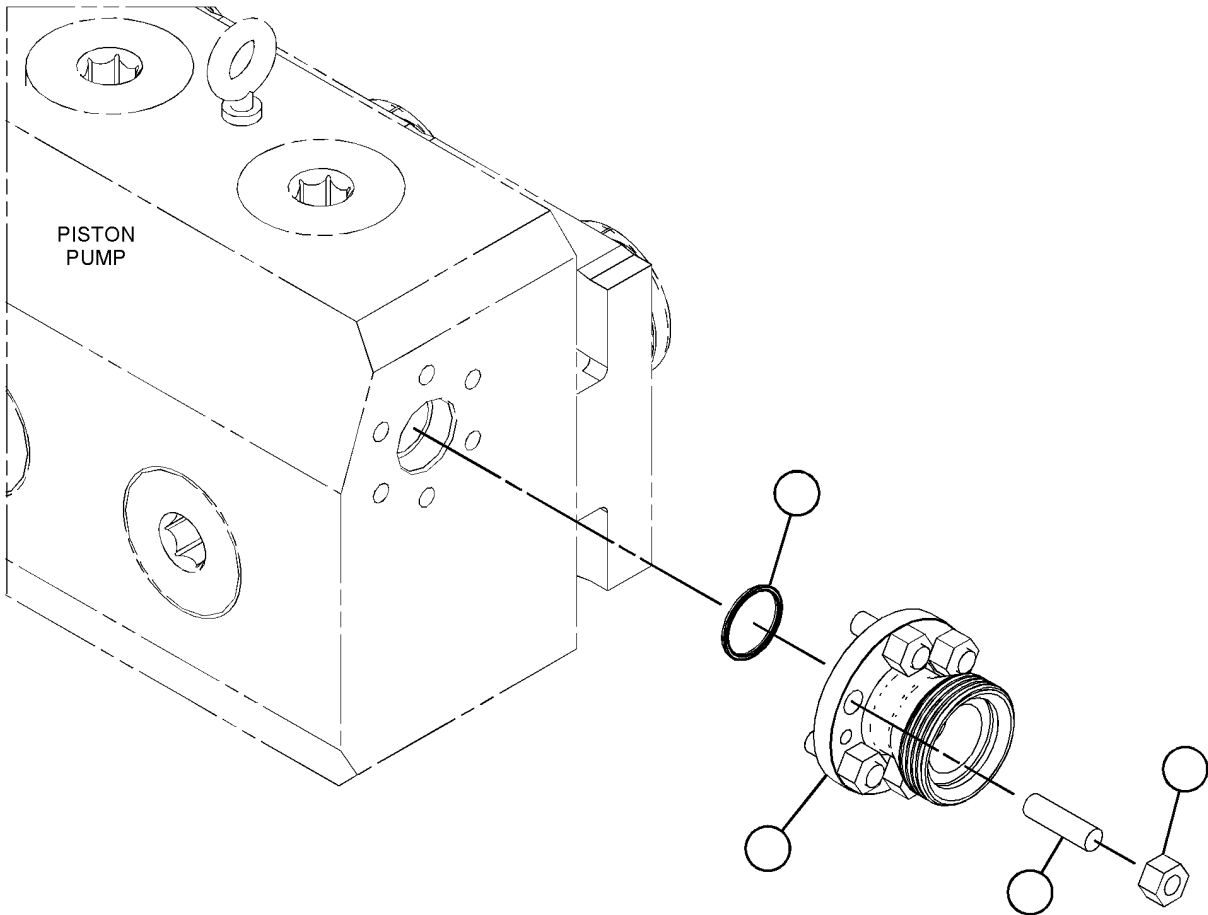


Ref.	Part number	Description	Qty	Code	Group page
1	421-8215	FLANGE	1		
2	434-9792	STUD (1-8X88.9MM)	6		
3	434-9805	SEAL-FLANGE	1		
4	461-0815	NUT (1-8-THD)	6		

444-2602 FLANGE & MOUNTING GP -3-IN FIGURE 1502 FEMALE

444-2602 FLANGE & MOUNTING GP -3-IN FIGURE 1502 FEMALE S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP RIGHT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

Drawing 1 of 1

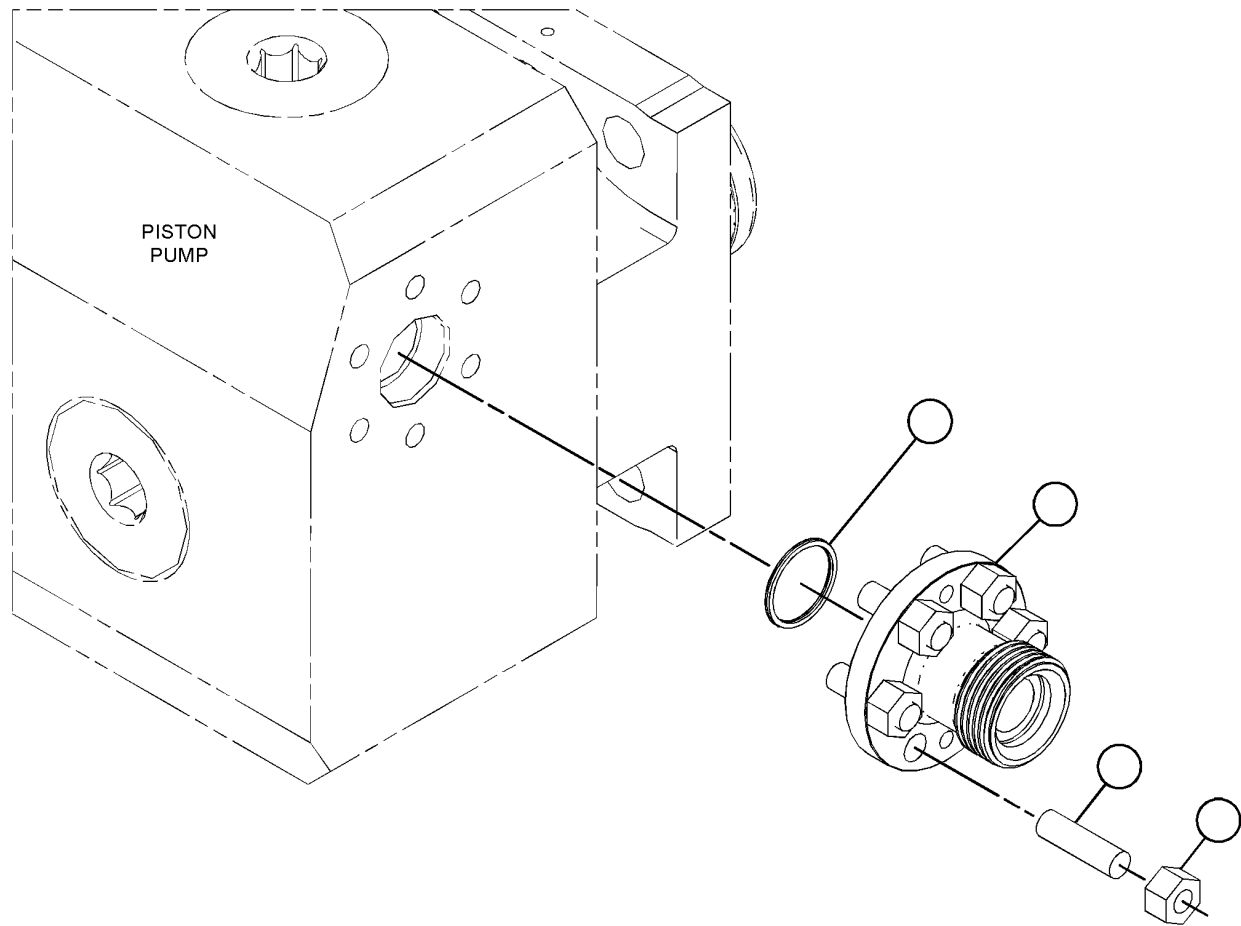


Ref.	Part number	Description	Qty	Code	Group page
1	421-8215	FLANGE	1		
2	434-9792	STUD (1-8X88.9MM)	6		
3	434-9805	SEAL-FLANGE	1		
4	461-0815	NUT (1-8-THD)	6		

444-2604 FLANGE & MOUNTING GP -2-IN FIGURE 1502 FEMALE

444-2604 FLANGE & MOUNTING GP -2-IN FIGURE 1502 FEMALE S/N FN21-UP; RX21-UP; DG51-UP; EA51-UP; RX51-UP; BM61-UP; DG61-UP; EA61-UP; RX61-UP; BM71-UP; RX71-UP; BM81-UP; FN31-UP; FN81-UP; RX81-UP; BM91-UP; FN91-UP; RX91-UP; FNB1-UP; FNC1-UP; RWC1-UP; FND1-UP; RWD1-UP; P231-UP; FNE1-UP; FNF1-UP; FNG1-UP; FNL1-UP; FNM1-UP; FNP1-UP; FNT1-UP; RX31-UP; AE41-UP; BM41-UP; FN41-UP; RX41-UP; AE51-UP RIGHT PART OF 453-6083, 471-8458 COMMON AR-FE & PE PUMPS, 441-3693, 442-6516, 448-3625, 448-3626, 448-3633, 448-3634, 452-4788, 452-4795, 452-4796, 452-6688, 452-6689, 453-4777, 453-4779, 453-4782, 453-6087, 471-8455 COMMON AR-FLUID END PUMP ALSO AN ATTACHMENT

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Ref.	Part number	Description	Qty	Code	Group page
1	444-2608	FLANGE	1		
2	434-9792	STUD (1-8X88.9MM)	6		
3	434-9805	SEAL-FLANGE	1		
4	461-0815	NUT (1-8-THD)	6		

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