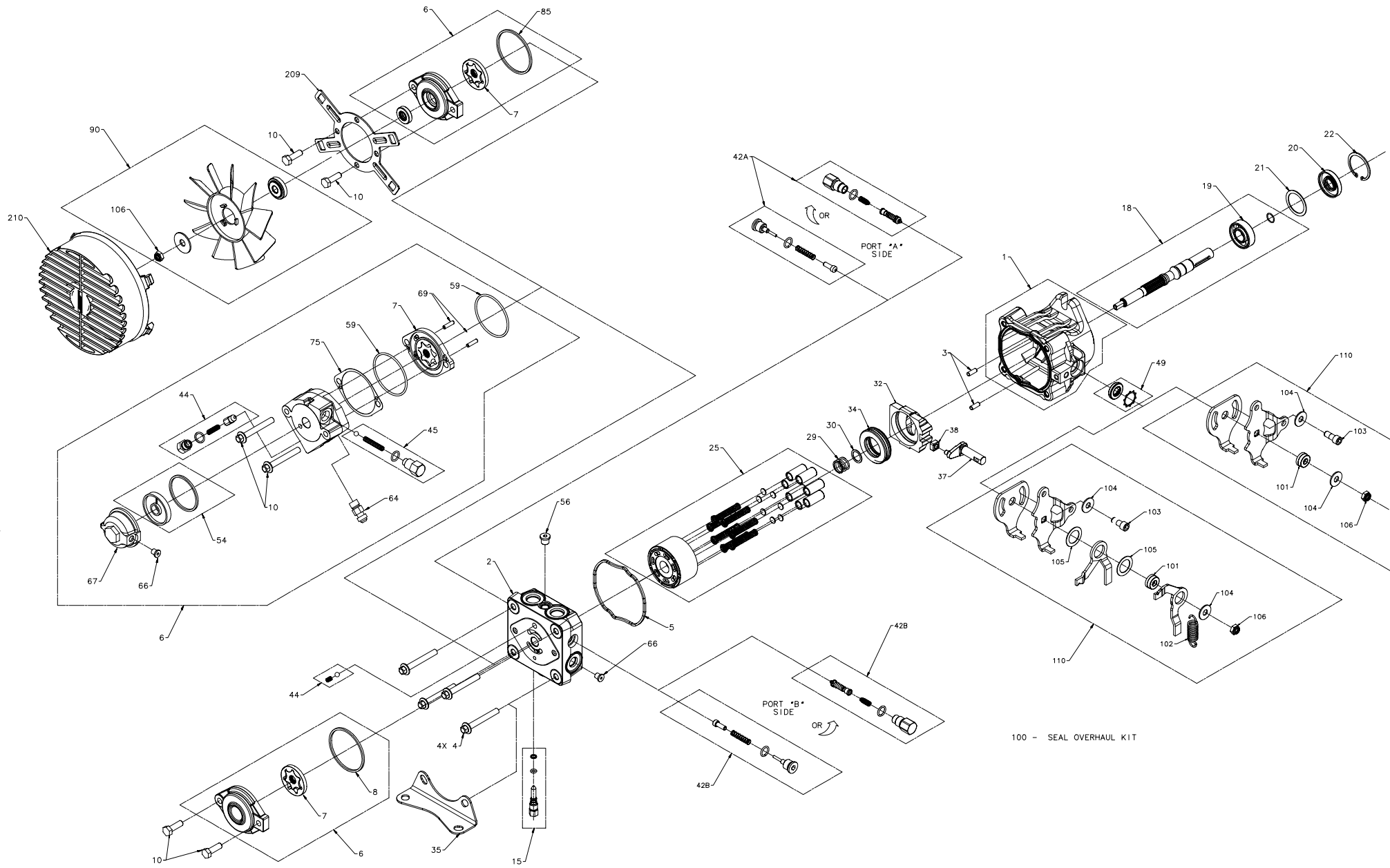


PJ SERVICE DRAWING



PJ SERIES Item # Listing

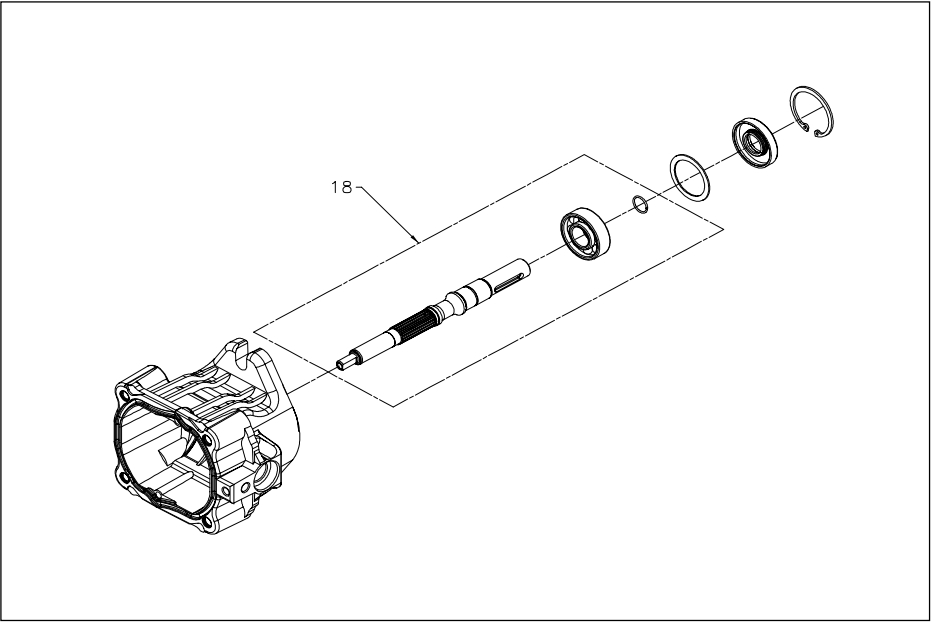
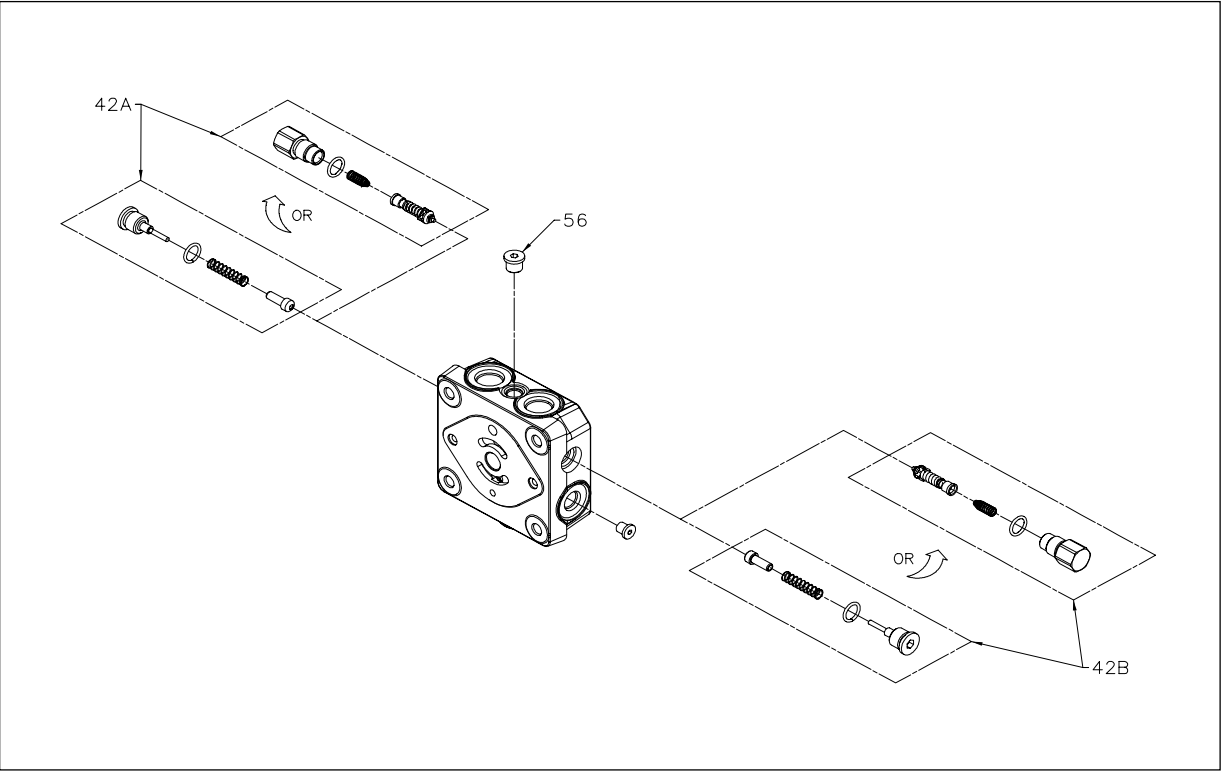
MODEL NUMBER: P J - - - -
CHARACTER #: 1 2 - 3 4 5 6 - 7 8 9 10 - 11 12 13 14

PUMP SHAFT KITS				
CHARACTER 3	ITEM #	COMPONENT #	DESCRIPTION	QTY
B	18	71249	KIT, PUMP SHAFT (5/8 KEYED, STD CHG)	1
C		71250	KIT, PUMP SHAFT (5/8 KEYED, THRU)	1
E		70524	KIT, PUMP SHAFT (9T INPUT SHAFT)	1
F		70726	KIT, PUMP SHAFT (9T THRU SHAFT)	1
2		70522	KIT, PUMP SHAFT (15MM STRAIGHT KEYED INPUT)	1
3		70620	KIT, PUMP SHAFT (15MM STRAIGHT KEYED THRU)	1
5		71252	KIT, PUMP SHAFT (15MM TAPERED KEYED, THRU)	1
6		71253	KIT, PUMP SHAFT (19T 32/64 THRU)	1
7		71251	KIT, PUMP SHAFT (15MM TAPERED KEYED, STD CHG)	1

STEEL PLUG				
CHARACTER 4	ITEM #	COMPONENT #	DESCRIPTION	QTY
A,B,C,D,G,H,J & K	56	9005110-4400	PLUG - 7/16-18 STEEL (DIAGNOSTIC)	1

SHOCK VALVE KITS, "A" SIDE				
CHARACTER 5	ITEM #	COMPONENT #	DESCRIPTION	QTY
A	42A	70741	KIT, SHOCK VALVE (200 BAR, BLANK ORIFICE)	1
B		70742	KIT, SHOCK VALVE (200 BAR, .024 ORIFICE)	1
C		70743	KIT, SHOCK VALVE (200 BAR, .031 ORIFICE)	1
D		70744	KIT, SHOCK VALVE (200 BAR, .044 ORIFICE)	1
E		70836	KIT, SHOCK VALVE (160 BAR, BLANK ORIFICE)	1
F		70837	KIT, SHOCK VALVE (160 BAR, .024 ORIFICE)	1
G		70838	KIT, SHOCK VALVE (160 BAR, .031 ORIFICE)	1
H		70839	KIT, SHOCK VALVE (160 BAR, .044 ORIFICE)	1
J		70840	KIT, SHOCK VALVE (120 BAR, BLANK ORIFICE)	1
K		70841	KIT, SHOCK VALVE (120 BAR, .024 ORIFICE)	1
L		70842	KIT, SHOCK VALVE (120 BAR, .031 ORIFICE)	1
M		70843	KIT, SHOCK VALVE (120 BAR, .044 ORIFICE)	1
N		2510050	KIT, CHECK VALVE (BLANK ORIFICE)	1
P		2510062	KIT, CHECK VALVE (.024 ORIFICE)	1
Q		2510027	KIT, CHECK VALVE (.031 ORIFICE)	1
R		2510034	KIT, CHECK VALVE (.044 ORIFICE)	1
T		71254	KIT, CHECK VALVE (.016 ORIFICE)	1

SHOCK VALVE KITS, "B" SIDE				
CHARACTER 6	ITEM #	COMPONENT #	DESCRIPTION	QTY
A	42B	70741	KIT, SHOCK VALVE (200 BAR, BLANK ORIFICE)	1
B		70742	KIT, SHOCK VALVE (200 BAR, .024 ORIFICE)	1
C		70743	KIT, SHOCK VALVE (200 BAR, .031 ORIFICE)	1
D		70744	KIT, SHOCK VALVE (200 BAR, .044 ORIFICE)	1
E		70836	KIT, SHOCK VALVE (160 BAR, BLANK ORIFICE)	1
F		70837	KIT, SHOCK VALVE (160 BAR, .024 ORIFICE)	1
G		70838	KIT, SHOCK VALVE (160 BAR, .031 ORIFICE)	1
H		70839	KIT, SHOCK VALVE (160 BAR, .044 ORIFICE)	1
J		70840	KIT, SHOCK VALVE (120 BAR, BLANK ORIFICE)	1
K		70841	KIT, SHOCK VALVE (120 BAR, .024 ORIFICE)	1
L		70842	KIT, SHOCK VALVE (120 BAR, .031 ORIFICE)	1
M		70843	KIT, SHOCK VALVE (120 BAR, .044 ORIFICE)	1
N		2510050	KIT, CHECK VALVE (BLANK ORIFICE)	1
P		2510062	KIT, CHECK VALVE (.024 ORIFICE)	1
Q		2510027	KIT, CHECK VALVE (.031 ORIFICE)	1
R		2510034	KIT, CHECK VALVE (.044 ORIFICE)	1
T		71254	KIT, CHECK VALVE (.016 ORIFICE)	1



PJ SERIES Item # Listing

MODEL NUMBER:

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CHARACTER #:

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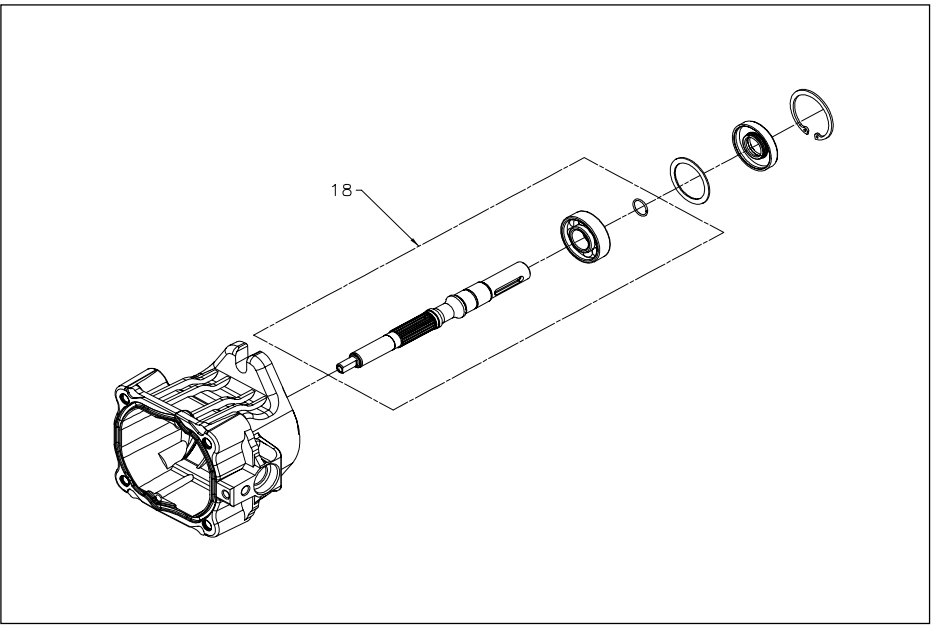
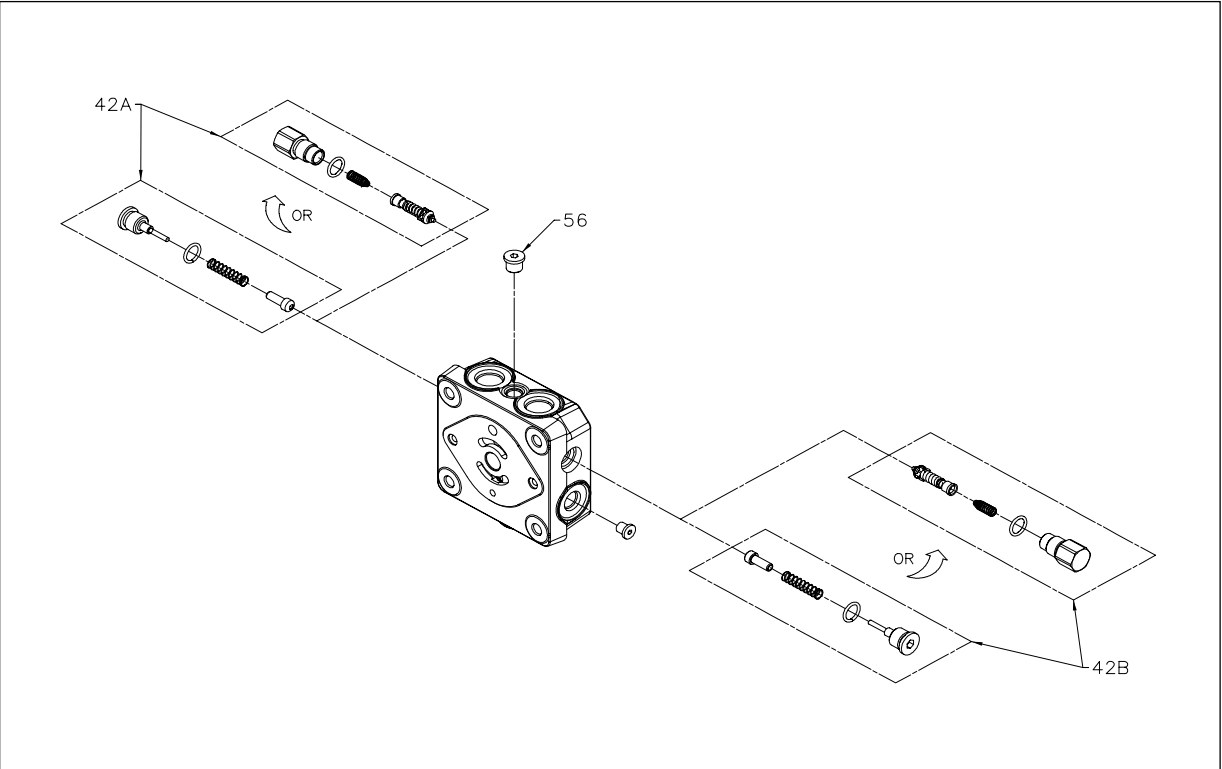
14

PUMP SHAFT KITS				
CHARACTER 3	ITEM #	COMPONENT #	DESCRIPTION	QTY
B	18	71249	KIT, PUMP SHAFT (5/8 KEYED, STD CHG)	1
C		71250	KIT, PUMP SHAFT (5/8 KEYED, THRU)	1
E		70524	KIT, PUMP SHAFT (9T INPUT SHAFT)	1
F		70726	KIT, PUMP SHAFT (9T THRU SHAFT)	1
2		70522	KIT, PUMP SHAFT (15MM STRAIGHT KEYED INPUT)	1
3		70620	KIT, PUMP SHAFT (15MM STRAIGHT KEYED THRU)	1
5		71252	KIT, PUMP SHAFT (15MM TAPERED KEYED, THRU)	1
6		71253	KIT, PUMP SHAFT (19T 32/64 THRU)	1
7		71251	KIT, PUMP SHAFT (15MM TAPERED KEYED, STD CHG)	1

STEEL PLUG				
CHARACTER 4	ITEM #	COMPONENT #	DESCRIPTION	QTY
A,B,C,D,G,H,J & K	56	9005110-4400	PLUG - 7/16-18 STEEL (DIAGNOSTIC)	1

SHOCK VALVE KITS, "A" SIDE				
CHARACTER 5	ITEM #	COMPONENT #	DESCRIPTION	QTY
A	42A	70741	KIT, SHOCK VALVE (200 BAR, BLANK ORIFICE)	1
B		70742	KIT, SHOCK VALVE (200 BAR, .024 ORIFICE)	1
C		70743	KIT, SHOCK VALVE (200 BAR, .031 ORIFICE)	1
D		70744	KIT, SHOCK VALVE (200 BAR, .044 ORIFICE)	1
E		70836	KIT, SHOCK VALVE (160 BAR, BLANK ORIFICE)	1
F		70837	KIT, SHOCK VALVE (160 BAR, .024 ORIFICE)	1
G		70838	KIT, SHOCK VALVE (160 BAR, .031 ORIFICE)	1
H		70839	KIT, SHOCK VALVE (160 BAR, .044 ORIFICE)	1
J		70840	KIT, SHOCK VALVE (120 BAR, BLANK ORIFICE)	1
K		70841	KIT, SHOCK VALVE (120 BAR, .024 ORIFICE)	1
L		70842	KIT, SHOCK VALVE (120 BAR, .031 ORIFICE)	1
M		70843	KIT, SHOCK VALVE (120 BAR, .044 ORIFICE)	1
N		2510050	KIT, CHECK VALVE (BLANK ORIFICE)	1
P		2510062	KIT, CHECK VALVE (.024 ORIFICE)	1
Q		2510027	KIT, CHECK VALVE (.031 ORIFICE)	1
R		2510034	KIT, CHECK VALVE (.044 ORIFICE)	1
T		71254	KIT, CHECK VALVE (.016 ORIFICE)	1

SHOCK VALVE KITS, "B" SIDE				
CHARACTER 6	ITEM #	COMPONENT #	DESCRIPTION	QTY
A	42B	70741	KIT, SHOCK VALVE (200 BAR, BLANK ORIFICE)	1
B		70742	KIT, SHOCK VALVE (200 BAR, .024 ORIFICE)	1
C		70743	KIT, SHOCK VALVE (200 BAR, .031 ORIFICE)	1
D		70744	KIT, SHOCK VALVE (200 BAR, .044 ORIFICE)	1
E		70836	KIT, SHOCK VALVE (160 BAR, BLANK ORIFICE)	1
F		70837	KIT, SHOCK VALVE (160 BAR, .024 ORIFICE)	1
G		70838	KIT, SHOCK VALVE (160 BAR, .031 ORIFICE)	1
H		70839	KIT, SHOCK VALVE (160 BAR, .044 ORIFICE)	1
J		70840	KIT, SHOCK VALVE (120 BAR, BLANK ORIFICE)	1
K		70841	KIT, SHOCK VALVE (120 BAR, .024 ORIFICE)	1
L		70842	KIT, SHOCK VALVE (120 BAR, .031 ORIFICE)	1
M		70843	KIT, SHOCK VALVE (120 BAR, .044 ORIFICE)	1
N		2510050	KIT, CHECK VALVE (BLANK ORIFICE)	1
P		2510062	KIT, CHECK VALVE (.024 ORIFICE)	1
Q		2510027	KIT, CHECK VALVE (.031 ORIFICE)	1
R		2510034	KIT, CHECK VALVE (.044 ORIFICE)	1
T		71254	KIT, CHECK VALVE (.016 ORIFICE)	1



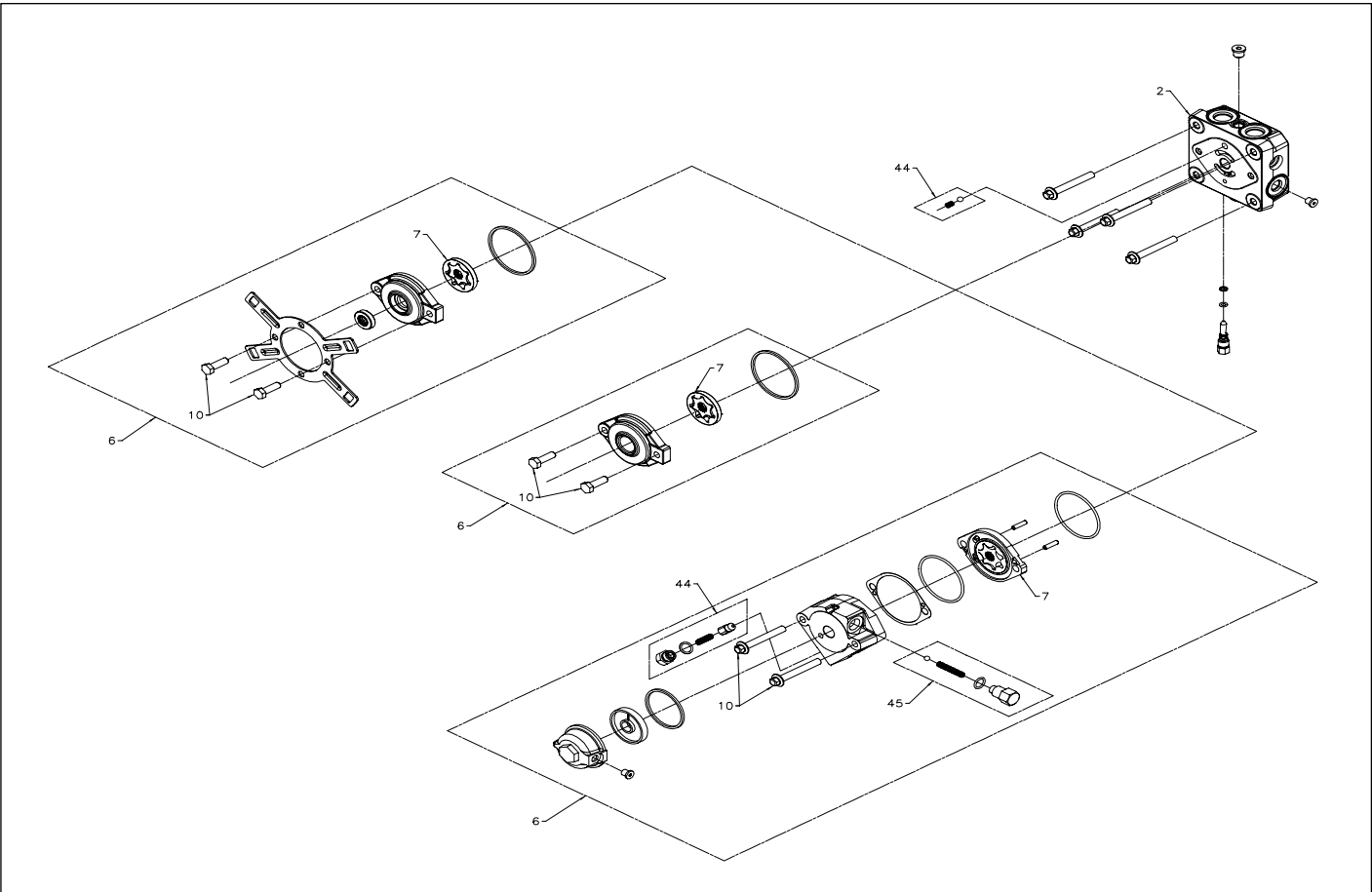
PJ SERIES Item # Listing

END CAP & GEROTOR KITS				
CHARACTER 7	ITEM #	COMPONENT #	DESCRIPTION	QTY
E	2	52038	END CAP	1
	6	71246	KIT, CHARGE PUMP (STD CHG .19 ci/rev)	1
	7	50959	GEROTOR ASSY (.19 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	2
	44	70402	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 2000029 SPRING)	1
F	2	52038	END CAP	1
	6	70622	KIT, CHARGE PUMP (STD CHG, THRU)	1
	7	51346	GEROTOR ASSY (.13 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	2
	44	70402	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 2000029 SPRING)	1
G	2	52038	END CAP	1
	6	71247	KIT, CHARGE PUMP (STD CHG .19 ci/rev, THRU)	1
	7	50959	GEROTOR ASSY (.19 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	2
	44	70402	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 2000029 SPRING)	1
J	2	52062	END CAP	1
	6	70472	KIT, AUXILIARY PUMP KIT (AL, SPLINED)	1
	7	51049	AUX GEROTOR & HOUSING ASSY	1
	10	50969	HEX FLANGE BOLT M8-1.25 X 60MM (AUX CHARGE)	1
	44	70471	KIT, CHARGE RELIEF VALVE (75-105 PSI)	1
	45	2510082	KIT, AUXILIARY RELIEF VALVE	1
K	2	52038	END CAP	1
	6	71246	KIT, CHARGE PUMP (STD CHG .19 ci/rev)	1
	7	50959	GEROTOR ASSY (.19 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	1
	44	70403	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 50654 SPRING)	2
L	2	52038	END CAP	1
	6	70470	KIT, CHARGE PUMP (STD CHG .13 ci/rev)	1
	7	51346	GEROTOR ASSY (.13 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	1
	44	70402	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 2000029 SPRING)	2
M	2	52038	END CAP	1
	6	70470	KIT, CHARGE PUMP (STD CHG .13 ci/rev)	1
	7	51346	GEROTOR ASSY (.13 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	1
	44	70403	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 50654 SPRING)	2
N	2	52038	END CAP	1
	6	70622	KIT, CHARGE PUMP (STD CHG, THRU)	1
	7	51346	GEROTOR ASSY (.13 ci/rev)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	1
	44	70403	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 50654 SPRING)	2
P	2	52062	END CAP	1
	6	70577	KIT, AUXILIARY PUMP (AL 15T SPLINED, 2-7/16 SAE PORTS)	1
	7	51049	AUX GEROTOR & HOUSING ASSY	1
	10	50969	HEX FLANGE BOLT M8-1.25 X 60MM (AUX CHARGE)	1
	44	2510081	KIT, CHARGE RELIEF VALVE	1
	45	2510082	KIT, AUXILIARY RELIEF VALVE	1
Q	2	52062	END CAP	1
	6	70927	KIT, AUXILIARY PUMP (AL, SPLINED)	1
	7	51049	AUX GEROTOR & HOUSING ASSY	1
	44	70926	KIT, CHARGE RELIEF VALVE (75-105 PSI)	1
	45	2510082	KIT, AUXILIARY RELIEF VALVE	1
	10	50969	HEX FLANGE BOLT M8-1.25 X 60MM (AUX CHARGE)	1
T	2	52062	END CAP	1
	6	70577	KIT, AUXILIARY PUMP (AL 15T SPLINED, 2-7/16 SAE PORTS)	1
	7	51049	AUX GEROTOR & HOUSING ASSY	1
	44	2510081	KIT, CHARGE RELIEF VALVE	1
	45	2510082	KIT, AUXILIARY RELIEF VALVE	1
	10	50969	HEX FLANGE BOLT M8-1.25 X 60MM (AUX CHARGE)	1

MODEL NUMBER:

P	J	-					-					-				
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CHARACTER #:



CHARACTER 7	ITEM #	COMPONENT #	DESCRIPTION	QTY
U	2	52062	END CAP	1
	7	51049	AUX GEROTOR & HOUSING ASSY	1
	6	70577	KIT, AUXILIARY PUMP (AL 15T SPLINED, 2-7/16 SAE PORTS)	1
	44	2510081	KIT, CHARGE RELIEF VALVE	1
	45	2510082	KIT, AUXILIARY RELIEF VALVE	1
	10	50969	HEX FLANGE BOLT M8-1.25 X 60MM (AUX CHARGE)	1
V	2	52038	END CAP	1
	7	50959	GEROTOR ASSY (.19 ci/rev)	1
	6	71247	KIT, CHARGE PUMP (STD CHG .19 ci/rev, THRU)	1
	10	9007200-3116	SCREW, 5/16-18 X 1.00 LONG	2
	44	70403	CHARGE RELIEF KIT, (1/4 PLASTIC BALL & 50654 SPRING)	1

PJ SERIES Item # Listing

MODEL NUMBER:

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CHARACTER #:

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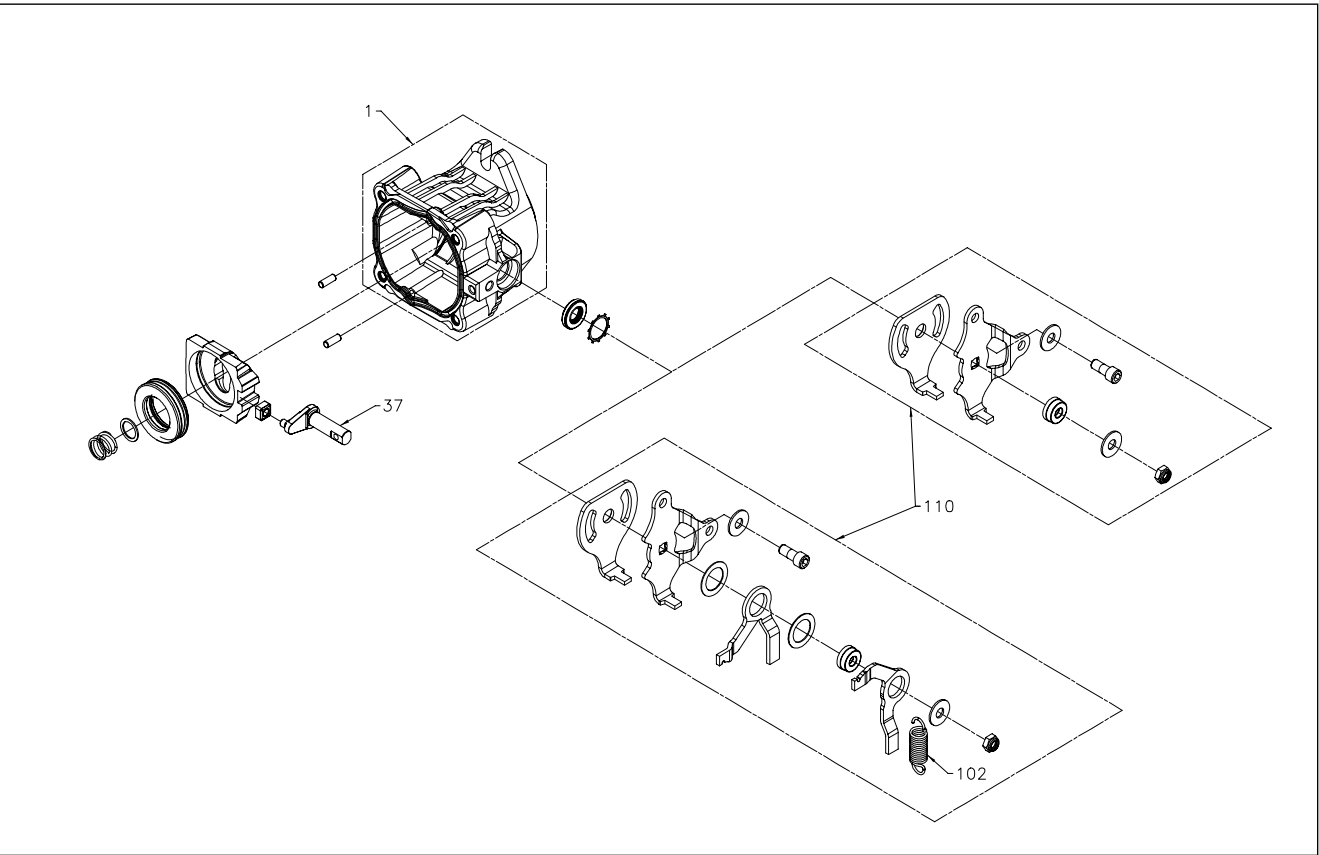
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HOUSING & RETURN KITS				
CHARACTER 8	ITEM #	COMPONENT #	DESCRIPTION	QTY
A OR B	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51399	SPRING, EXTENSION (STD)	1
	110	70794	KIT, RTN	1
C OR D	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51399	SPRING, EXTENSION (STD)	1
	110	70846	KIT, CW RTN SCISSOR	1
E OR F	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51399	SPRING, EXTENSION (STD)	1
	110	70847	KIT, CCW RTN SCISSOR	1
G OR H	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51605	SPRING, EXTENSION (HVY)	1
	110	70794	KIT, RTN	1
J OR K	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51605	SPRING, EXTENSION (HVY)	1
	110	70846	KIT, CW RTN SCISSOR	1
L OR M	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
	102	51605	SPRING, EXTENSION (HVY)	1
	110	70847	KIT, CCW RTN SCISSOR	1
Y OR Z	1	70516	KIT, HOUSING	1
	37	2003005	ARM, TRUNNION, DOUBLE D	1
1	1	70797	KIT, HOUSING	1
	37	50807	ARM, TRUNNION, TAPERED SQUARE	1
2 OR 3	1	70797	KIT, HOUSING	1
	110	71255	KIT, RTN	1



PJ SERIES Item # Listing

MODEL NUMBER:

P	J	-					-					-				
1	2	-	3	4	5	6	-	7	8	9	10	-	11	12	13	14

CHARACTER #:

BYPASS VALVE KIT			
CHARACTER 9	ITEM #	COMPONENT #	DESCRIPTION
1	15	71248	BYPASS VALVE KIT (BLANK)

FAN KITS			
CHARACTER 10	ITEM #	COMPONENT #	DESCRIPTION
X	N/A	N/A	N/A
A,B,C,D AND E	90	71172	KIT, FAN
3		70617	KIT, FAN

TORQUE BRACKETS			
CHARACTER 11	ITEM #	COMPONENT #	DESCRIPTION
X	N/A	N/A	N/A
1 THRU 4	35	51593	TORQUE BRACKET

