

CATERPILLAR 938F

8SM / XEBP7358

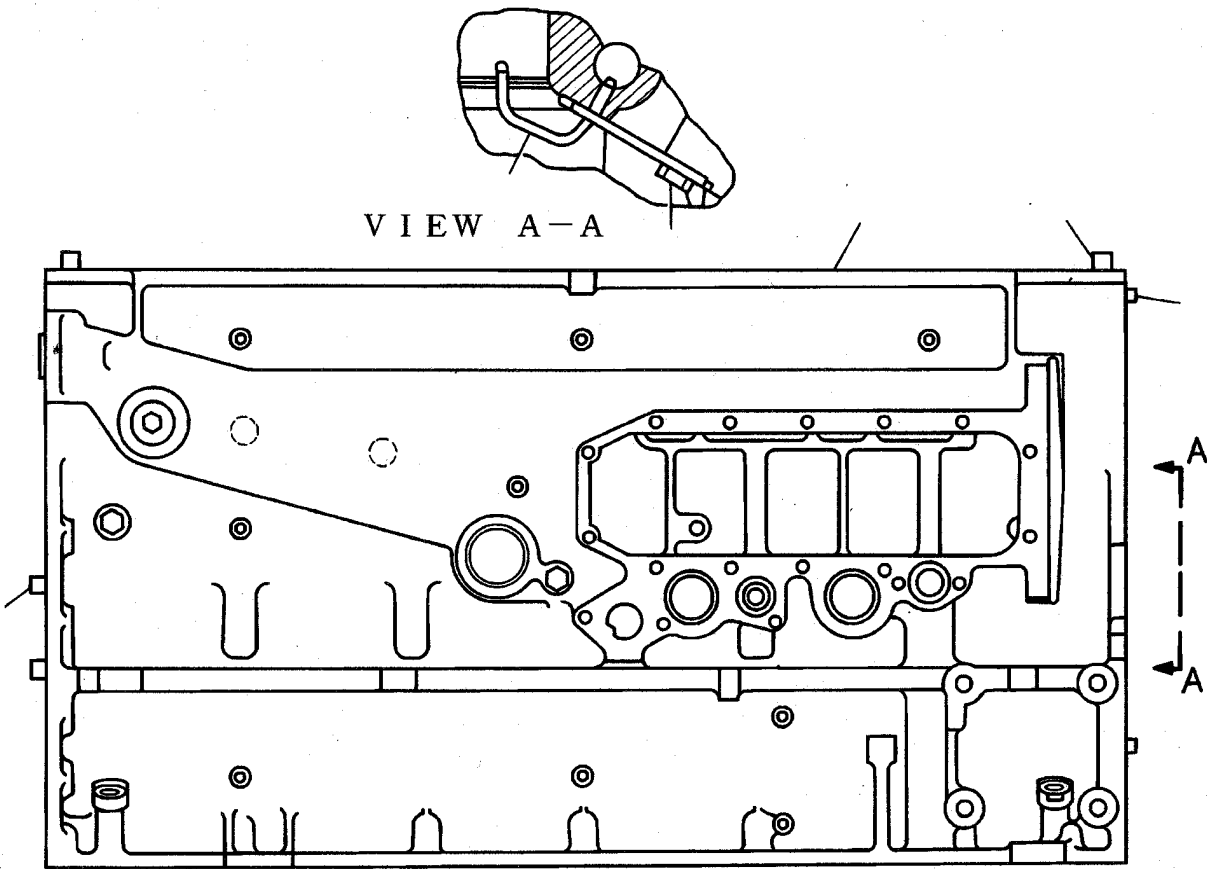
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Hydraulic system	
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2W-9746 CYLINDER BLOCK

CYLINDER BLOCK (2W9746 N/S) EFFECTIVE WITH SERIAL NO. 8SM00001-8SM00230 PART OF 1031978-Page 6, 1081828-Page 12, 1338829-Page 10, 8, 1338830-Page 14, 16 7C5826-Page 20

Drawing 1 of 1



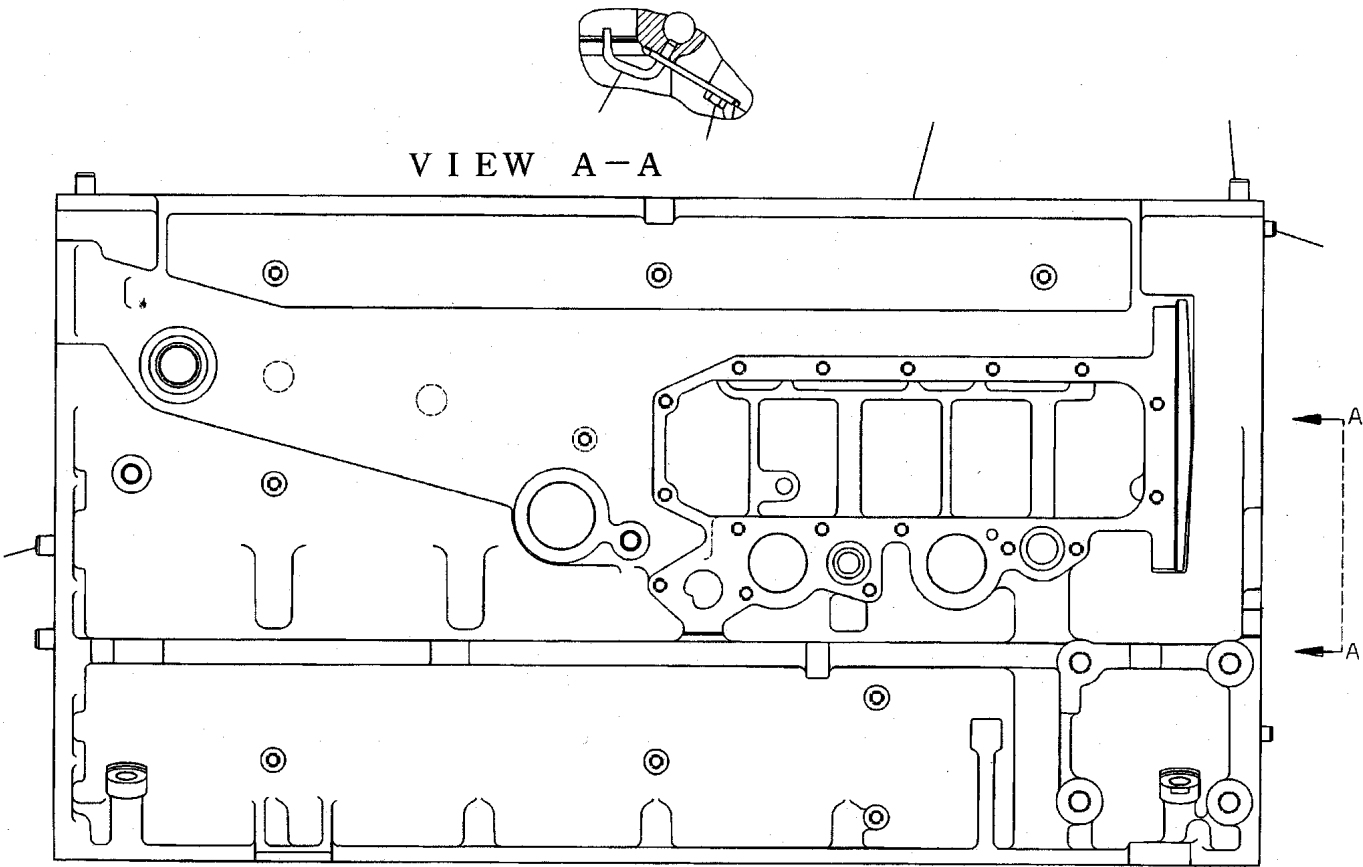
Ref.	Part number	Description	Qty	Code	Group page
1	7C-5826	CYLINDER BLOCK GROUP	1	Y	
2	6V-3940	BOLT (M8X1.25)	6		
3	1W-8407	SLEEVE	2		
4	6V-3538	DOWEL	2		
5	4P-2457	TUBE ASSEM.	6		
6	7N-5683	DOWEL	2		
7	7C-6208	SLEEVE	6	FA	

CAT codes: A, F, Y.

2W-9746 CYLINDER BLOCK

CYLINDER BLOCK (2W9746 N/S) EFFECTIVE WITH SERIAL NO. 8SM00231- PART OF 1031978-Page 6, 1081828-Page 12, 1338829-Page 10, 8, 1338830-Page 14, 16 1004948-Page 21

Drawing 1 of 1



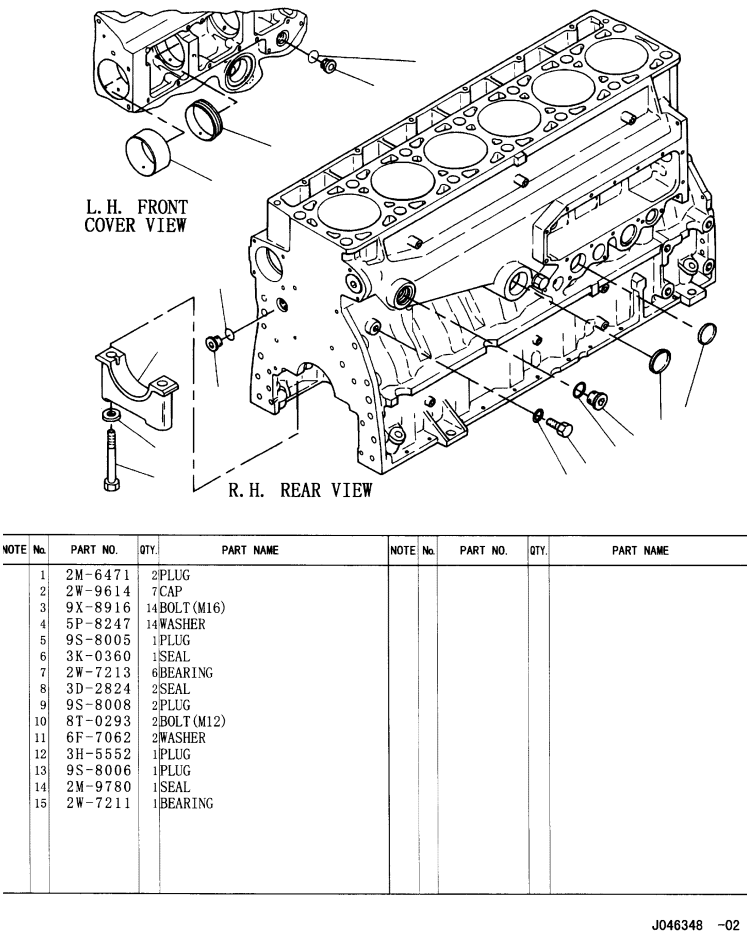
Ref.	Part number	Description	Qty	Code	Group page
1	100-4948	CYLINDER BLOCK GROUP	1	CY	
2	6V-3940	BOLT (M8X1.25)	6		
3	1W-8407	SLEEVE	2		
4	6V-3538	DOWEL	2		
5	4P-2457	TUBE ASSEM.	6		
6	7N-5683	DOWEL	2		
7	7C-6208	SLEEVE	6	FA	

CAT codes: A, C, F, Y.

7C-5826 CYLINDER BLOCK GROUP

7C5826 CYLINDER BLOCK GROUP EFFECTIVE WITH SERIAL NO. 8SM00001-8SM00230 PART OF 2W9746-Page 18

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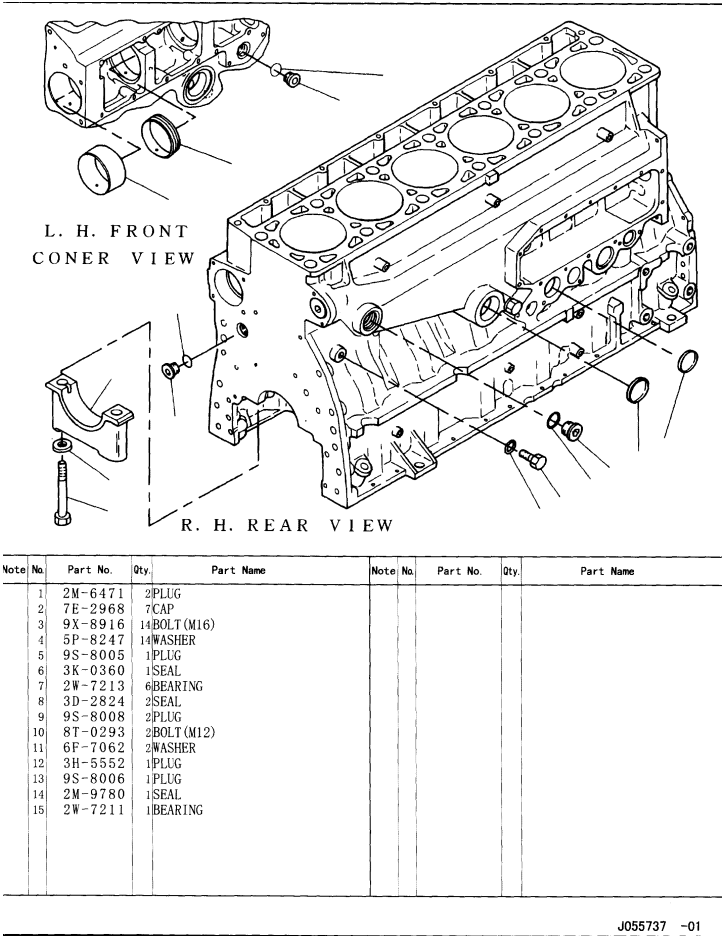


Ref.	Part number	Description	Qty	Code	Group page
1	2M-6471	PLUG	2		
2	2W-9614	CAP	7		
3	9X-8916	BOLT (M16)	14		
4	5P-8247	WASHER	14		
5	9S-8005	PLUG	1		
6	3K-0360	SEAL	1		
7	2W-7213	BEARING	6		
8	3D-2824	SEAL	2		
9	9S-8008	PLUG	2		
10	8T-0293	BOLT (M12)	2		
11	6F-7062	WASHER	2		
12	3H-5552	PLUG	1		
13	9S-8006	PLUG	1		
14	2M-9780	SEAL	1		
15	2W-7211	BEARING	1		

100-4948 CYLINDER BLOCK GROUP

1004948 CYLINDER BLOCK GROUP EFFECTIVE WITH SERIAL NO. 8SM00231- PART OF 2W9746-Page 19

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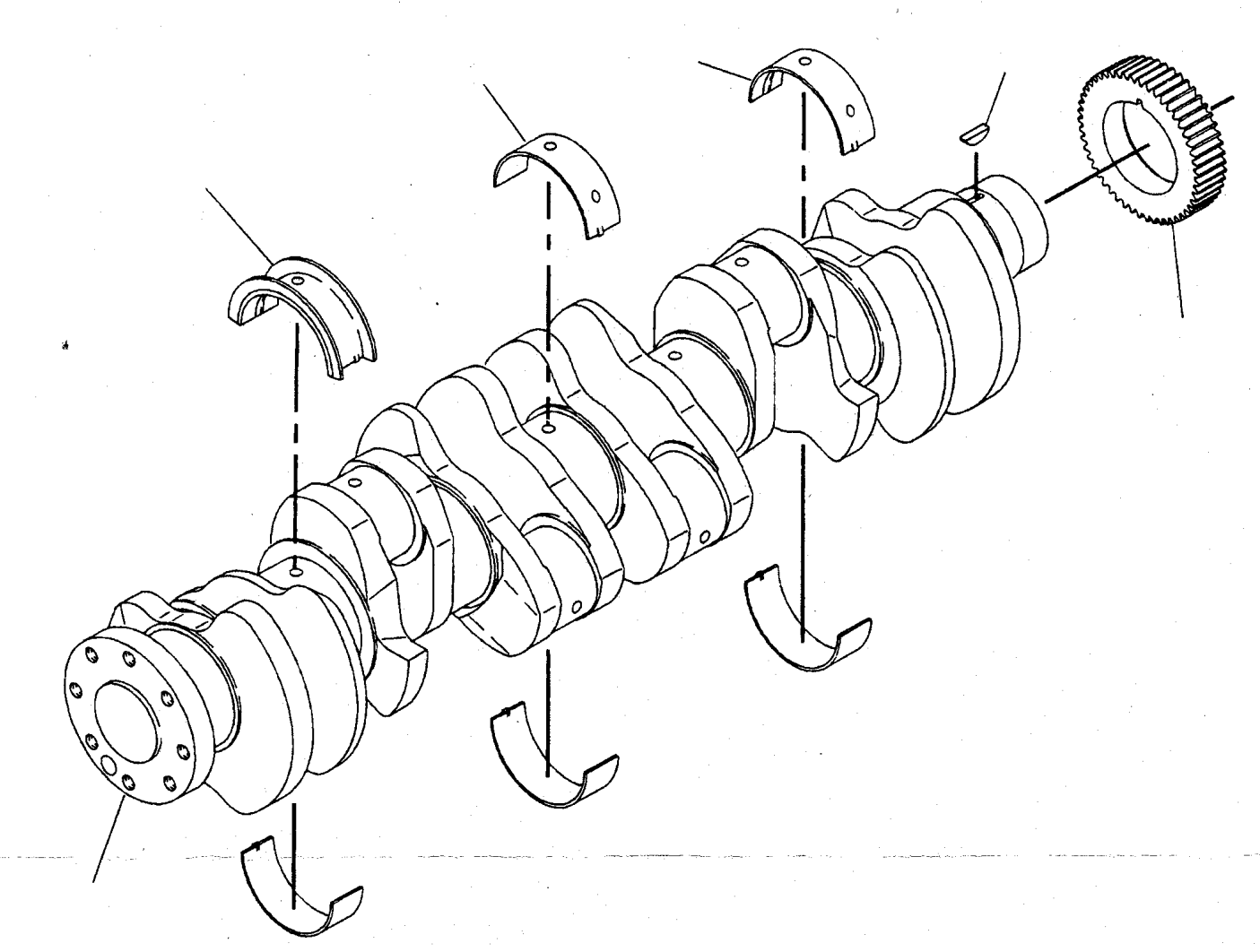


Ref.	Part number	Description	Qty	Code	Group page
1	2M-6471	PLUG	2		
2	7E-2968	CAP	7		
3	9X-8916	BOLT (M16)	14		
4	5P-8247	WASHER	14		
5	9S-8005	PLUG	1		
6	3K-0360	SEAL	1		
7	2W-7213	BEARING	6		
8	3D-2824	SEAL	2		
9	9S-8008	PLUG	2		
10	8T-0293	BOLT (M12)	2		
11	6F-7062	WASHER	2		
12	3H-5552	PLUG	1		
13	9S-8006	PLUG	1		
14	2M-9780	SEAL	1		
15	2W-7211	BEARING	1		

4W-2197 CRANKSHAFT

CRANKSHAFT (4W2197 N/S) EFFECTIVE WITH SERIAL NO. 8SM00001-8SM00211 PART OF 1031978-Page 6, 1081828-Page 12, 1338829-Page 10, 8, 1338830-Page 14, 16

Drawing 1 of 1



Ref.	Part number	Description	Qty	Code	Group page
1	4W-3498	CRANKSHAFT ASSEM.	1		
2	1B-8705	KEY	1		
3	2W-8147	GEAR (50 TEETH)	1		
4	7W-9416	BEARING (THRUST)	1		
	7C-6969	BEARING (0.5mm O.S.)		AB	
	7C-6970	BEARING (0.5mm O.S. 0.5mm U.S.)		AB	
	7C-6966	BEARING (0.25mm U.S.)		AB	
	7C-6967	BEARING (0.5mm U.S.)		AB	
	7C-6968	BEARING (0.75mm U.S.)		AB	
5	107-7708	BEARING (MAIN)	3		
	7C-6964	BEARING (0.5mm O.S.)		AB	
	7C-6965	BEARING (0.5mm U.S. 0.5mm O.S.)		AB	

4W-2197 CRANKSHAFT (continued)

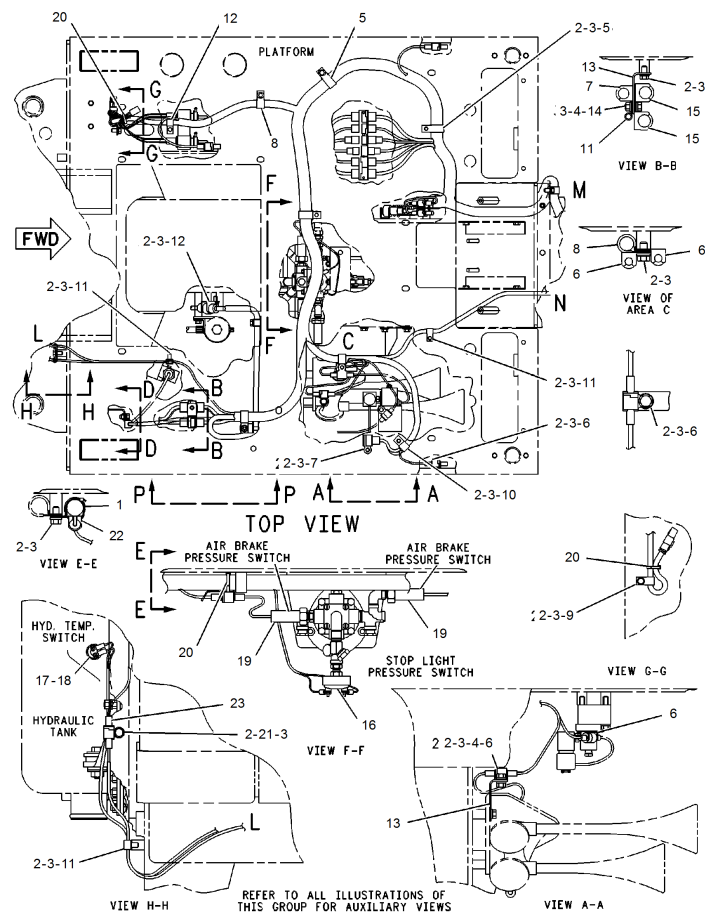
Ref.	Part number	Description	Qty	Code	Group page
	7C-6961	BEARING (0.25mm U.S.)		AB	
	7C-6962	BEARING (0.5mm U.S.)		AB	
	7C-6963	BEARING (0.75mm U.S.)		AB	
6	7W-9417	BEARING (MAIN.)	3		
	7C-6974	BEARING (0.5mm O.S.)		AB	
	7C-6975	BEARING (0.5mm U.S. 0.5mm O.S.)		AB	
	7C-6971	BEARING (0.25mm U.S.)		AB	
	7C-6972	BEARING (0.5mm U.S.)		AB	
	7C-6973	BEARING (0.75mm U.S.)		AB	
	9Y-1382	BEARING (0.5mm O.S.)		AB	
	9Y-1383	BEARING (0.75mm U.S. 0.5mm O.S.)		AB	
	9Y-1384	BEARING (0.75mm U.S. 0.5mm O.S.)		AB	

CAT codes: A, B.

4W-2197 CRANKSHAFT

CRANKSHAFT (4W2197 N/S) EFFECTIVE WITH SERIAL NO. 8SM00212- PART OF 1031978-Page 6, 1081828-Page 12, 1338829-Page 10, 8, 1338830-Page 14, 16

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Ref.	Part number	Description	Qty	Code	Group page
1	105-1725	CRANKSHAFT ASSEM.	1	C	
2	1B-8705	KEY	1		
3	2W-8147	GEAR (50 TEETH)	1		
4	107-7602	BEARING (THRUST)	1	C	
	7C-6969	BEARING (0.5mm 0.S.)		AB	
	7C-6970	BEARING (0.5mm U.S. 0.5mm U.S.)		AB	
	7C-6966	BEARING (0.25mm U.S.)		AB	
	7C-6967	BEARING (0.5mm U.S.)		AB	
	7C-6968	BEARING (0.75mm U.S.)		AB	
5	107-7708	BEARING (MAIN)	6	C	
	7C-6964	BEARING (0.5mm 0.S.)		AB	
	7C-6965	BEARING (0.5mm U.S. 0.5mm 0.S.)		AB	

4W-2197 CRANKSHAFT (continued)

Ref.	Part number	Description	Qty	Code	Group page
	7C-6961	BEARING (0.25mm U.S.)		AB	
	7C-6962	BEARING (0.5mm U.S.)		AB	
	7C-6963	BEARING (0.75mm U.S.)		AB	

CAT codes: A, B, C.

7E-7590 CRANKSHAFT SEAL

CRANKSHAFT SEAL (7E7590 N/S) EFFECTIVE WITH SERIAL NO. 8SM00001-8SM00587 PART OF 1031978-Page 6, 1081828-Page 12

Drawing 1 of 1

DETAIL OF B

DETAIL OF A

FRONT HOUSING

Note	No.	Part No.	Qty.	Part Name
	1	115-4120	1	SEAL GROUP
	2	119-2921	1	SEAL GROUP

J059279 X02

Ref.	Part number	Description	Qty	Code	Group page
1	115-4120	SEAL GROUP	1		
2	119-2921	SEAL GROUP	1		

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