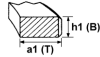



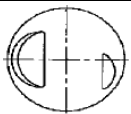
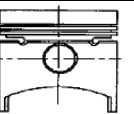



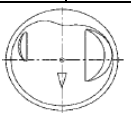
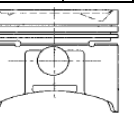



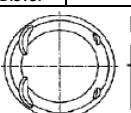
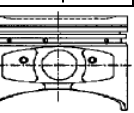



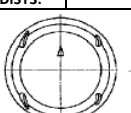
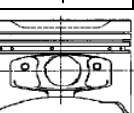



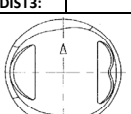
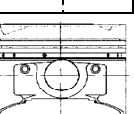





COMMERCIAL VEHICLE APPLICATIONS

MITSUBISHI



MITSUBISHI

ENGINE MODEL APPLICATION	PISTON RING PART NUMBER	MEMO	h1 (B)	x	a1 (T)	RING SHAPE	RING MAT.	SURFACE TREAT.	PISTON PART NUMBER	MEMO							
1.2L (76.0 CID, 1,238.0 CC), SOHC, 4CYL, 8VALVE, 73.00mm (2.784"), 4G33																	
GASOLINE ENGINE	SWM31016-0	73.00	TOP:	1.500	x	3.300	BF	STEEL	CHROME	11-249-0	73.00	TL:	70.00	PL:	64.00	CHK. DIA 20.00	
	SWM31016-1	73.25		0.059	x	0.130				11-249-1	73.25	CH:	32.70	PD:	19.00		
	SWM31016-2	73.50		2ND:	1.500	x	3.300	T1	CAST IRON	PHOSPHATE	11-249-2	73.50	DIST1:		HEAD:		NONE
	SWM31016-3	73.75			0.059	x	0.130				11-249-3	73.75	DIST2:		SKIRT:		NONE
	SWM31016-4	74.00			OIL:	4.000	x				3.000	11-249-4	74.00	DIST3:			
				0.157	x	0.118	NIFF-S	STEEL	CHROME								
	REFERENCE #: MD009625 MD115500		TOP 2ND OIL   								REFERENCE #: MD009580 MD009581		 				
	1.6L (97.0 CID, 1,597.0 CC), SOHC, 4CYL, 8VALVE, 76.90mm (3.028"), 4G32																
	GASOLINE ENGINE	SWM31043-0	76.90	TOP:	1.500	x	3.100	BF	STEEL	CHROME	11-3024-0	76.90	TL:	68.00	PL:	64.00	CHK. DIA 16.00
		SWM31043-1	77.15		0.059	x	0.122				11-3024-1	77.15	CH:	34.00	PD:	19.00	
SWM31043-2		77.40	2ND:		1.500	x	3.500	T1	CAST IRON	PHOSPHATE	11-3024-2	77.40	DIST1:	-2.40	HEAD:	NONE	
SWM31043-3		77.65			0.059	x	0.138				11-3024-3	77.65	DIST2:		SKIRT:	NONE	
SWM31043-4		77.90			OIL:	4.000	x				3.800	11-3024-4	77.90	DIST3:			
				0.157	x	0.150	NIFF-S	STEEL	CHROME								
REFERENCE #: MD012765 MD062387		TOP 2ND OIL   								REFERENCE #: MD105495		 					
2.0L (122.0 CID, 1,997.0 CC), DOHC, 4CYL, 16VALVE, 85.00mm (3.346"), 4G63																	
GASOLINE ENGINE		SWM31048-0	85.00	TOP:	1.200	x	3.100	BF	STEEL	NITRIDED	11-540-0	85.00	TL:	67.00	PL:	66.00	CHK. DIA 10.00
		SWM31048-1	85.25		0.047	x	0.122				11-540-1	85.25	CH:	35.00	PD:	21.00	
	SWM31048-2	85.50	2ND:		1.500	x	3.800	TUC	CAST IRON	CHROME	11-540-2	85.50	DIST1:	-2.10	HEAD:	NONE	
	SWM31048-3	85.75			0.059	x	0.150				11-540-3	85.75	DIST2:		SKIRT:	NONE	
	SWM31048-4	86.00			OIL:	3.000	x				2.550	11-540-4	86.00	DIST3:			
				0.118	x	0.100	NIFF-S	STEEL	NITRIDED								
	REFERENCE #: MD133485		TOP 2ND OIL   								REFERENCE #: MD1292242		 				
	2.0L (122.0 CID, 1,997.0 CC), DOHC, 4CYL, 16VALVE, 85.00mm (3.346"), 4G63																
	GASOLINE ENGINE	SWM31048-0	85.00	TOP:	1.200	x	3.100	BF	STEEL	NITRIDED	11-546-0	85.00	TL:	67.00	PL:	66.00	CHK. DIA 26.00
		SWM31048-1	85.25		0.047	x	0.122				11-546-1	85.25	CH:	35.00	PD:	21.00	
SWM31048-2		85.50	2ND:		1.500	x	3.800	TUC	CAST IRON	CHROME	11-546-2	85.50	DIST1:	-5.40	HEAD:	AH	
SWM31048-3		85.75			0.059	x	0.150				11-546-3	85.75	DIST2:		SKIRT:	NONE	
SWM31048-4		86.00			OIL:	3.000	x				2.550	11-D807-4	86.00	DIST3:			
				0.118	x	0.100	NIFF-S	STEEL	NITRIDED								
REFERENCE #: MD133485		TOP 2ND OIL   								REFERENCE #: MD129232		 					
5.9L (360.0 CID, 5,899.0 CC), OHV, 8CYL, 16VALVE, 101.60MM (4.000"), MAGNUM 5.9 / 1994-2003																	
GASOLINE ENGINE		SWM31048-0	85.00	TOP:	1.200	x	3.100	BF	STEEL	NITRIDED	11-3045-0	85.00	TL:	67.50	PL:	62.00	CHK. DIA 10.00
		SWM31048-1	85.25		0.047	x	0.122				11-3045-1	85.25	CH:	35.50	PD:	22.00	
	SWM31048-2	85.50	2ND:		1.500	x	3.800	TUC	CAST IRON	CHROME	11-3045-2	85.50	DIST1:	-1.70	HEAD:	NONE	
	SWM31048-3	85.75			0.059	x	0.150				11-3045-3	85.75	DIST2:		SKIRT:	NONE	
	SWM31048-4	86.00			OIL:	3.000	x				2.550	11-3045-4	86.00	DIST3:			
				0.118	x	0.100	NIFF-S	STEEL	NITRIDED								
	REFERENCE #: MD133485		TOP 2ND OIL   								REFERENCE #: MD188289		 				
	2.0L (122.0 CID, 1,997.0 CC), DOHC, 4CYL, 16VALVE, 85.00mm (3.346"), 4G63																
	GASOLINE ENGINE	SWM31071-0	85.00	TOP:	1.200	x	3.100	BF-IB	STEEL	NITRIDED	11-718-0	85.00	TL:	67.00	PL:	62.00	CHK. DIA 10.00
		SWM31071-1	85.25		0.047	x	0.122				11-718-1	85.25	CH:	35.00	PD:	22.00	
SWM31071-2		85.50	2ND:		1.500	x	3.800	TUC	CAST IRON	CHROME	11-718-2	85.50	DIST1:	-2.20	HEAD:	NONE	
SWM31071-3		85.75			0.059	x	0.150				11-718-3	85.75	DIST2:	-3.60	SKIRT:	NONE	
SWM31071-4		86.00			OIL:	3.000	x				2.550	11-718-4	86.00	DIST3:			
				0.118	x	0.100	NIFF-S	STEEL	NITRIDED								
REFERENCE #: MD195850		TOP 2ND OIL   								REFERENCE #: MD190262		