

Fit for HINO

● Diesel-engine Automobiles ●ディーゼル車●

New Code

Engine Type	Exhaust quantity (e.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
W04D	4.009	Ranger 3.5ton Rainbow	SDH20038ZX	4	1st	104.0	2.5	3.7	BF	SR	GN	GN	13011-1973
					2nd	104.0	2.0	4.3	T1	CR	Fe	Fe	13011-2540
					Oil	104.0	5.0	4.85	E-BC16	SR	GN	GN	13019-1150A(eyl)
W04C-TI	3.839	Rainbow	SDH20068ZX	4	1st	104.0	2.806	3.7	BF-K1	SR	GN	GN	13011-2891A
					2nd	104.0	2.5	3.7	T1-B	SR	GN	GN	13019-1180A(eyl)
					Oil	104.0	4.0	4.35	E-BC16	SR	GN	GN	
W06D	5.759	AC Rainbow	SDH20041ZX	6	1st	104.0	2.5	3.7	BF	SR	GN	GN	13011-1983
					2nd	104.0	2.0	4.3	T1	CR	Fe	Fe	13011-2440
					Oil	104.0	5.0	4.85	E-BC16	SR	GN	GN	13011-2550B
D550	7.982	Truck TA14 TA14D TC51 TH17 TH61 TH80 TH320 TH340D 2C440 2C340D 2H11D 2H12D 2K11 2L100	SDH20007ZX	6	1st	110.0	3.0	3.9	T1	SR	GN	GN	13011-1230
					2nd	110.0	3.0	4.5	T1	CR	Fe	Fe	13011-1250
					3rd	110.0	3.0	4.5	TUC	CR	Fe	Fe	13011-1261A
					Oil 1	110.0	4.5	4.4	E-BC3	CR	Cr	Fe	13011-1650
					Oil 2	110.0	4.5	4.5	BC1	CR	Fe	Fe	13011-1830
D560		Bus BD15 BD15F BD35 BD35P BG13 BH15 BT51 BT51S BT71 RB10 RB10P RB120 RB120P	SDH20007ZX	6	1st	110.0	3.0	4.5	T1	CR	Fe	Fe	13011-1250
					2nd	110.0	3.0	4.5	TUC	CR	Fe	Fe	13011-1261A
					3rd	110.0	3.0	4.5	TUC	CR	Fe	Fe	13011-1261A
					Oil 1	110.0	4.5	4.4	E-BC3	CR	Cr	Fe	13011-1650
					Oil 2	110.0	4.5	4.5	BC1	CR	Fe	Fe	13011-1830
D580		Tractor TR10 TR100 TR1000 TR1000P TR1000P-2 TR1000P-3 TR1000P-4 TR1000P-5 TR1000P-6 TR1000P-7 TR1000P-8 TR1000P-9 TR1000P-10 TR1000P-11 TR1000P-12 TR1000P-13 TR1000P-14 TR1000P-15 TR1000P-16 TR1000P-17 TR1000P-18 TR1000P-19 TR1000P-20 TR1000P-21 TR1000P-22 TR1000P-23 TR1000P-24 TR1000P-25 TR1000P-26 TR1000P-27 TR1000P-28 TR1000P-29 TR1000P-30 TR1000P-31 TR1000P-32 TR1000P-33 TR1000P-34 TR1000P-35 TR1000P-36 TR1000P-37 TR1000P-38 TR1000P-39 TR1000P-40 TR1000P-41 TR1000P-42 TR1000P-43 TR1000P-44 TR1000P-45 TR1000P-46 TR1000P-47 TR1000P-48 TR1000P-49 TR1000P-50 TR1000P-51 TR1000P-52 TR1000P-53 TR1000P-54 TR1000P-55 TR1000P-56 TR1000P-57 TR1000P-58 TR1000P-59 TR1000P-60 TR1000P-61 TR1000P-62 TR1000P-63 TR1000P-64 TR1000P-65 TR1000P-66 TR1000P-67 TR1000P-68 TR1000P-69 TR1000P-70 TR1000P-71 TR1000P-72 TR1000P-73 TR1000P-74 TR1000P-75 TR1000P-76 TR1000P-77 TR1000P-78 TR1000P-79 TR1000P-80 TR1000P-81 TR1000P-82 TR1000P-83 TR1000P-84 TR1000P-85 TR1000P-86 TR1000P-87 TR1000P-88 TR1000P-89 TR1000P-90 TR1000P-91 TR1000P-92 TR1000P-93 TR1000P-94 TR1000P-95 TR1000P-96 TR1000P-97 TR1000P-98 TR1000P-99 TR1000P-100	SDH20007ZX	6	1st	110.0	3.0	4.5	T1	CR	Fe	Fe	13011-1250
					2nd	110.0	3.0	4.5	TUC	CR	Fe	Fe	13011-1261A
					3rd	110.0	3.0	4.5	TUC	CR	Fe	Fe	13011-1261A
					Oil 1	110.0	4.5	4.4	E-BC3	CR	Cr	Fe	13011-1650
					Oil 2	110.0	4.5	4.5	BC1	CR	Fe	Fe	13011-1830
EH700 H07C	6.143	Ranger 4D Ranger 5 Ranger 7D Truck KLSD KP6D	SDH20043ZX	6	1st	110.0	3.0	4.1	BF	SR	GN	GN	13011-1610B
					2nd	110.0	2.5	4.5	T1-C	CR	Fe	Fe	13011-1620
					3rd	110.0	2.5	4.5	BI-TUC	CR	Cr	Fe	13011-1620A
					Oil	110.0	5.0	4.95	E-BC16	SR	GN	GN	13011-1620B
													13011-2070A 13011-2090 13011-3010A 13011-3020A 13011-3120A 13019-1310A(eyl)
H07D	7.112	Ranger	SDH20056ZX	6	1st	110.0	3.0	4.1	BF	SR	GN	GN	13011-2650A
					2nd	110.0	2.0	4.5	T1-C	CR	Cr	Fe	13011-2651A
					Oil	110.0	4.0	4.35	E-BC16	SR	GN	GN	13019-1300A(eyl)
H07CT	6.728	Ranger SD	SDH20057ZX	6	1st	110.0	2.806	3.9	BF-K1	SR	GN	GN	13011-2672A
					2nd	110.0	2.0	4.5	T1-C	CR	Cr	Fe	13019-3270A
					3rd	110.0	2.5	4.5	BI-TUC	CR	Cr	Fe	13019-1330A(eyl)
			SDH20079ZX	6	1st	110.0	2.806	4.5	BF-K1-C	HB	Cr	Fe	13011-3470A
					2nd	110.0	2.0	4.1	T1-B	SR	GN	GN	13011-3510A
J05C	5.307	Ranger Dutro Melpha Liesse	SDH20081ZX	4	1st	114.0	3.0	4.1	BF	SR	GN	GN	13011-3391B
					2nd	114.0	2.0	4.3	T1-B	SR	GN	GN	13019-1380A(eyl)
					Oil	114.0	4.0	4.35	E-BC16	SR	GN	GN	
DK10 DK20	10.178	Truck KA300 KF700 KF720 TC30 TC320 Bus RC10-P RC100 RC120 RC120P RC140P RC300 RC300-P RC320 Tractor HE100 HF300 HF301 HH700 HH720	SDH20012ZX	6	1st	120.0	3.5	4.1	BF	SR	GN	GN	13011-1200
					2nd	120.0	3.5	4.6	T1-C	CR	Fe	Fe	13011-1270
					3rd	120.0	3.5	4.6	BI-TUC	CR	Fe	Fe	13011-1280
					Oil 1	120.0	5.0	4.5	E-BC3	CR	Cr	Fe	13011-1280A
					Oil 2	120.0	5.0	4.6	BC1	HB	Cr	Fe	13011-1290
													3311-1205-05
F17D-TI	17.238	Selega Super Dolphin	SDH20065ZX	V8	1st	137.0	3.306	5.4	BF-K1	HB	Cr	Fe	13011-2910A
					2nd	137.0	3.306	4.7	T1-K1-B	SR	GN	GN	13019-1660A(eyl)
					3rd	137.0	3.5	5.4	BI-TUC	CR	Cr	Fe	
					Oil	137.0	5.0	4.95	E-BC16	SR	Cr	Fe	
F20C	19.688	Ranger Truck Super Dolphin Profia FS	SDH20077ZX	V8	1st	146.0	3.306	4.7	BF-K1	SR	GN	GN	13011-3320A
					2nd	146.0	3.0	5.1	T1	SR	GN	GN	13019-1720A(eyl)
					3rd	146.0	3.0	5.1	T1	SR	GN	GN	
					Oil	146.0	4.0	4.4	E-BC16	SR	GN	GN	
V26C	25.977	Super Dolphin	SDH20080ZX	V10	1st	150.0	3.306	5.5	BF-K1	SR	GN	GN	13011-3450A
					2nd	150.0	3.0	5.1	T1-B	SR	GN	GN	13019-1730A(eyl)
					3rd	150.0	3.0	5.8	BI-TUC	HB	Cr	Fe	
					Oil	150.0	4.0	4.65	E-BC16	SR	Cr	Fe	
F21C	20.781	Selega Super Dolphin	SDH20076ZX	V8	1st	150.0	3.306	5.5	BF-K1	SR	GN	GN	13011-3310A
					2nd	150.0	3.0	5.1	T1-B	SR	GN	GN	13019-1730A(eyl)
					3rd	150.0	3.0	5.8	BI-TUC	HB	Cr	Fe	
					Oil	150.0	4.0	4.65	E-BC16	SR	Cr	Fe	

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Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SJH20038ZX	4	1st	104.0	2.5	4.3	BF	HB	Cr	Cr
		2nd	104.0	2.0	4.3	T1	CR	Fe	Fe
		Oil	104.0	5.0	4.7	E-BC3	CR	Cr	Fe
SJH20068ZX	4	1st	104.0	2.806	4.3	BF-K1	HB	Cr	Cr
		2nd	104.0	2.5	4.3	T1-C	CR	Cr	Cr
		Oil	104.0	4.0	4.35	E-BC16	SR	GN	GN
SJH20041ZX	6	1st	104.0	2.5	4.3	BF	HB	Cr	Cr
		2nd	104.0	2.0	4.3	T1	CR	Fe	Fe
		Oil	104.0	5.0	4.7	E-BC3	CR	Cr	Fe
SJH20007ZX	6	1st	110.0	3.0	4.5	T1	CR	Cr	Cr
		2nd	110.0	3.0	4.5	T1	CR	Fe	Fe
		3rd	110.0	3.0	4.5	TUC	CR	Fe	Fe
		Oil 1	110.0	4.5	4.4	E-BC3	CR	Cr	Fe
		Oil 2	110.0	4.5	4.5	BC1	CR	Fe	Fe
SJH20043ZX	6	1st	110.0	3.0	4.5	BF	HB	Cr	Cr
		2nd	110.0	2.5	4.5	T1-C	CR	Fe	Fe
		3rd	110.0	2.5	4.5	BI-TUC	CR	Cr	Fe
		Oil	110.0	5.0	4.70	E-BC3	HB	Cr	Fe
SJH20056ZX	6	1st	110.0	3.0	4.5	BF	HB	Cr	Fe
		2nd	110.0	2.0	4.5	T1-C	HB	Cr	Cr
		Oil	110.0	4.0	4.15	E-BC16	SR	Cr	Fe
SJH20057ZX	6	1st	110.0	2.806	4.5	BF-K1	HB	Cr	Fe
		2nd	110.0	2.0	4.5	T1-C	HB	Cr	Cr
		3rd	110.0	2.5	4.5	BI-TUC	CR	Cr	Fe
		Oil	110.0	4.0	4.15	E-BC16	SR	Cr	Fe
SJH20079ZX	6	1st	110.0	2.806	4.5	BF-K1-C	HB	Cr	Fe
		2nd	110.0	2.0	4.5	T1-C	HB	Cr	Cr
		3rd	110.0	2.0	4.5	BI-TUC	HB	Cr	Fe
		Oil	110.0	4.0	4.15	E-BC16	SR	Cr	Fe
SJH20081ZY	4	1st	114.0	3.0	4.5	BF	HB	Cr	Fe
		2nd	114.0	2.0	4.5	T1-C	HB	Cr	Cr
		Oil	114.0	4.0	4.35	E-BC16	SR	GN	GN
SJH20012ZX	6	1st	120.0	3.5	4.6	BF	HB	Cr	Cr
		2nd	120.0	3.5	4.6	T1-C	CR	Fe	Fe
		3rd	120.0	3.5	4.6	BI-TUC	CR	Fe	Fe
		Oil 1	120.0	5.0	4.5	E-BC3	CR	Cr	Fe
		Oil 2	120.0	5.0	4.6	BC1	HB	Cr	Fe
SJH20065ZX	V8	1st	137.0	3.306	5.4	BF-K1	HB	Cr	Fe
		2nd	137.0	3.306	4.7	T1-K1-B	SR	GN	GN
		3rd	137.0	3.5	5.4	BI-TUC	CR	Cr	Fe
		Oil	137.0	5.0	4.95	E-BC16	SR	Cr	Fe
SJH20077ZX	V8	1st	146.0	3.306	5.6	BF-K1	HB	Cr	Fe
		2nd	146.0	3.0	5.6	T1-C	HB	Cr	Cr
		3rd	146.0	3.0	5.7	BI-TUC	HB	Cr	Fe
		Oil							

Fit for ISUZU / いすゞ

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New Code

Engine Type	Exhaust quantity (cc.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
4LC1	1.731	For Industrial Machine	SDI10213ZX	4	1st	77.1	2.0	2.7	BF	SR	GN	GN	8-9703-4609-0
					2nd	77.4	1.5	3.2	T1	CR	Cr	Fe	
					Oil	77.4	3.5	3.5	E-BC16	HB	Cr	Fe	
C221	2.207	Truck Elf For Chromard Liner	SDI10017ZX	4	1st	83.0	2.0	2.9	T1	SR	GN	GN	5-12181-1220-0
					2nd	83.0	2.0	3.4	T1	CR	Cr	Fe	
					3rd	83.0	2.0	3.4	TUC	CR	Fe	Fe	
					Oil 1	83.0	5.0	3.8	E-BC3	CR	Fe	Fe	
					Oil 2	83.0	5.0	3.4	BC1	CR	Fe	Fe	
C201PT	2.207	Truck Elf	SDI10018ZX	4	1st	83.0	2.0	3.1	BF	SR	GN	GN	5-12181-4005-0 5-12121-4013-0(cyl)
					2nd	83.0	2.0	3.4	T1	CR	Cr	Fe	
					3rd	83.0	2.0	3.4	TUC	CR	Fe	Fe	
					Oil 1	83.0	5.0	3.8	E-BC16	HB	Cr	Fe	
					Oil 2	83.0	5.0	3.4	BC1	CR	Fe	Fe	
4FB1	1.817	Gemini	SDI10086ZX	4	1st	84.0	2.5	3.1	BF	SR	GN	GN	8-94224-2210-0(cyl)
					2nd	84.0	2.0	2.9	T1	SR	GN	GN	
					Oil	84.0	4.0	4.35	E-BC16	SR	GN	GN	
4FC1(T)	1.995	Aska Fargo	SDI10109ZX	4	1st	84.0	2.5	3.5	BF-K2	HB	Cr	Fe	8-94139-9730-0(cyl)
					2nd	84.0	2.0	2.9	T1	SR	GN	GN	
					Oil	84.0	4.0	4.2	E-BC3	CR	Cr	Fe	
4JD1	2.800	Mu	SDI10121ZX	4	1st	84.0	2.0	3.1	BF	SR	GN	GN	8-94318-7020-0(cyl)
					2nd	84.0	2.0	3.5	T1	CR	Cr	Fe	
					Oil	84.0	4.0	4.35	E-BC16	SR	GN	GN	
4LE1	2.179	For Industrial Machine	SDI10216ZX	4	1st	85.0	2.0		BF	SR	GN	GN	8-97114-2080-0
					2nd	85.0	1.75	3.7	T1-B	CR	Fe	Fe	
					Oil	85.0	4.0	4.1	E-BC16	SR	Cr	Fe	
C240	2.369	Truck Elf Florian Journey For Chromard Liner	SDI10047ZX	4	1st	86.0	2.0	3.1	T1	SR	GN	GN	9-12181-1380-0
					2nd	86.0	2.0	3.5	T1	CR	Fe	Fe	
					3rd	86.0	2.0	3.5	TUC	CR	Fe	Fe	
					Oil 1	86.0	5.0	3.9	E-BC3	CR	Fe	Fe	
					Oil 2	86.0	5.0	3.5	BC1	CR	Fe	Fe	
C190	1.951	Truck Elf For Chromard Liner	SDI10051ZX	4	1st	86.0	2.0	3.1	T1	SR	GN	GN	9-12181-6030-0 5-12181-0270-0
					2nd	86.0	2.0	3.5	T1	CR	Fe	Fe	
C240	2.369				3rd	86.0	2.0	3.5	TUC	CR	Fe	Fe	9-12181-6030-0
C223	2.238	117 Coupe	SDI10089ZX	4	1st	88.0	2.5	3.3	BF	SR	GN	GN	5-12121-0170-0 (cyl) 8-94100-3550-0(cyl)
					2nd	88.0	2.0	3.3	TUC	SR	GN	GN	
					Oil	88.0	4.5	4.7	E-BC3	CR	Cr	Fe	
		Rodeo Bighorn For Chromard Liner	SDI10099ZX	4	1st	88.0	2.5		BF	SR	GN	GN	5-12121-0240-0(cyl)
					2nd	88.0	2.0		TUC	SR	GN	GN	
					Oil	88.0	4.5	4.7	E-BC3	CR	Fe	Fe	
C223T	2.238	Truck Faster Hi Pack Van	SDI10111ZX	4	1st	88.0	2.5	3.3	BF	SR	GN	GN	8-91158-0810-0(cyl)
					2nd	88.0	2.0	3.55	TUC	CR	Cr	Fe	
					Oil	88.0	4.0	4.0	E-BC3	CR	Cr	Fe	
DA120	6.126	Bus BA4341P・343 BA351・BA541 BA543 BA551 BB341・BA351 BA551・BB351 BX352・531 BX552 For Industrial Machine	SDI10061ZX	6	1st	100.0	2.5	3.7	BF	SR	GN	GN	1-12181-0360-0 1-12181-0870-0 1-12181-1090-0 1-12181-1280-0 1-12121-4001-0 (cyl) 1-12181-4005-0 (cyl)
					2nd	100.0	2.5	4.4	T1-C	CR	Fe	Fe	
					3rd	100.0	2.5	4.4	BI-TUC	CR	Fe	Fe	
					Oil	100.0	5.0	4.95	E-BC16	SR	GN	GN	
DA220	4.084	For Industrial Machine	SDI10062ZX	4	1st	100.0	2.5	3.7	BF	SR	GN	GN	1-12181-4060-0 1-12181-0380-0 1-12181-1110-0 1-12121-4001-0 (cyl)
					2nd	100.0	2.5	4.1	T1-C	CR	Fe	Fe	
					3rd	100.0	2.5	4.4	BI-TUC	CR	Fe	Fe	
					Oil	100.0	5.0	4.8	E-BC3	CR	Cr	Fe	
DA640	6.373	Bus BA741 BA741P BA743 BB751 BR10 BR10P BR20 BR20P BR351 BR351P BX721E BX731 BX752	SDI10063ZX	6	1st	102.0	2.5	3.7	BF	SR	GN	GN	1-12181-0330-0 1-12181-40740-0 1-12181-0880-0 1-12181-1100-0 1-12121-4090-0 (cyl)
					2nd	102.0	2.5	4.4	T1	CR	Fe	Fe	
					3rd	102.0	2.5	4.4	TUC	CR	Fe	Fe	
					Oil	102.0	5.0	4.8	E-BC3	CR	Cr	Fe	
4BD2	3.856	For Chromard Liner	SDI10147ZX	4	1st	102.0	3.0	3.9	BF	SR	GN	GN	8-97117-6860-0
					2nd	102.0	2.0	3.7	T1	SR	GN	GN	
					Oil	102.0	4.0	4.45	E-BC16	SR	GN	GN	
6BD1 6BB1	5.393	Truck SBR320・380 400・450・500 JBR FBR370 YBR360 310 Tractor VBR320 VBR322 For Chromard Liner	SDI10065ZX	6	1st	102.0	3.0	3.9	BF	SR	GN	GN	5-12181-0232-0 5-12121-4055-0 (cyl)
					2nd	102.0	2.5	4.4	TUC	CR	Fe	Fe	
					Oil	102.0	5.0	4.95	E-BC16	SR	GN	GN	
4BB1	3.595	Elf Journey For Chromard Liner	SDI10070ZX	4	1st	102.0	3.0	3.9	BF	SR	GN	GN	5-12181-0211-0 5-12121-4005-0 (cyl) 5-12181-40030-0
					2nd	102.0	2.5	4.4	TUC	CR	Fe	Fe	
					Oil	102.0	5.0	4.95	E-BC16	SR	GN	GN	



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NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SJ10213ZX	4	1st	77.1	2.0	3.1	BF	HB	Cr	Cr
		2nd	77.4	1.5	3.2	T1	CR	Fe	Fe
		Oil	77.4	3.5	3.5	E-BC16	HB	Cr	Fe
SJ10017ZX	4	1st	83.0	2.0	3.4	T1	CR	Fe	Cr
		2nd	83.0	2.0	3.4	T1	CR	Fe	Fe
		3rd	83.0	2.0	3.4	TUC	CR	Fe	Fe
		Oil 1	83.0	5.0	3.8	E-BC3	CR	Fe	Fe
		Oil 2	83.0	5.0	3.4	BC1	CR	Fe	Fe
SJ10018ZX	4	1st	83.0	2.0	3.4	BF	HB	Cr	Cr
		2nd	83.0	2.0	3.4	T1	CR	Cr	Fe
		3rd	83.0	2.0	3.4	TUC	CR	Fe	Fe
		Oil 1	83.0	5.0	3.8	E-BC3	CR	Fe	Fe
		Oil 2	83.0	5.0	3.4	BC1	CR	Fe	Fe
SJ10086ZX	4	1st	84.0	2.5	3.5	BF	HB	Cr	Cr
		2nd	84.0	2.0	3.5	T1	CR	Cr	Cr
		Oil	84.0	4.0	4.2	E-BC3	CR	Cr	Fe
SJ10109ZX	4	1st	84.0	2.5	3.5	BF-K2	HB	Cr	Fe
		2nd	84.0	2.0	3.5	T1	CR	Cr	Cr
		Oil	84.0	4.0	4.2	E-BC3	CR	Cr	Fe
SJ10121ZX	4	1st	84.0	2.0	3.25	BF	HB	Cr	Cr
		2nd	84.0	2.0	3.5	T1	CR	Cr	Cr
		Oil	84.0	4.0	4.20	E-BC3	CR	Cr	Fe
SJ10216ZX	4	1st	85.0	2.0	3.35	BF	HB	Cr	Cr
		2nd	85.0	1.75	3.7	T1-B	CR	Fe	Fe
		Oil	85.0	4.0	4.1	E-BC16	SR	Cr	Fe
SJ10047ZX	4	1st	86.0	2.0	3.5	T1	CR	Fe	Cr
		2nd	86.0	2.0	3.5	T1	CR	Fe	Fe
		3rd	86.0	2.0	3.5	TUC	CR	Fe	Fe
		Oil 1	86.0	5.0	3.9	E-BC3	CR	Fe	Fe
		Oil 2	86.0	5.0	3.5	BC1	CR	Fe	Fe
SJ10051ZX	4	1st	86.0	2.0	3.5	T1	CR	Fe	Cr
		2nd	86.0	2.0	3.5	TUC	CR	Fe	Fe
		Oil	86.0	5.0	4.2	E-BC3	CR	Fe	Fe
SJ10089ZX	4	1st	88.0	2.5	4.0	BF	HB	Cr	Cr
		2nd	88.0	2.0	4.0	TUC	CR	Cr	Cr
		Oil	88.0	4.5	4.7	E-BC3	CR	Cr	Fe
SJ10099ZX	4	1st	88.0	2.5	4.0	BF	CR	Fe	Cr
		2nd	88.0	2.0	4.0	TUC	CR	Fe	Cr
		Oil	88.0	4.5	4.7	E-BC3	CR	Fe	Fe
SJ10111ZX	4	1st	88.0	2.5	4.0	BF	HB	Cr	Cr
		2nd	88.0	2.0	3.55	TUC	CR	Cr	Cr
		Oil	88.0	4.0	4.0	E-BC3	CR	Cr	Fe
SJ10061ZX	6	1st	100.0	2.5	4.2	BF	HB	Cr	Cr
		2nd	100.0	2.5	4.4	T1-C	CR	Fe	Fe
		3rd	100.0	2.5	4.4	BI-TUC	CR	Fe	Fe
		Oil	100.0	5.0	4.8	E-BC3	CR	Cr	Fe
SJ10062ZX	4	1st	100.0	2.5	4.2	BF	HB	Cr	Cr
		2nd	100.0	2.5	4.1	T1-C	CR	Fe	Fe
		3rd	100.0	2.5	4.4	BI-TUC	CR	Fe	Fe
		Oil	100.0	5.0	4.8	E-BC3	CR	Cr	Fe
SJ10063ZX	6	1st	102.0	2.5	4.2	BF	HB	Cr	Cr
		2nd	102.0	2.5	4.4	T1	CR	Fe	Fe
		3rd	102.0	2.5	4.4	BI-TUC	CR	Fe	Fe
		Oil	102.0	5.0	4.8	E-BC3	CR	Cr	Fe
SJ10147ZX	4	1st	102.0	3.0	4.4	BF	CR	Fe	Cr
		2nd	102.0	2.0	3.7	T1	SR	GN	GN
		Oil	102.0	4.0	4.45	E-BC16	SR	GN	GN
SJ10065ZX	6	1st	102.0	3.0	4.4	T1	CR	Fe	Cr
		2nd	102.0	2.5	4.4	TUC	CR	Fe	Fe
		Oil	102.0	5.0	4.8				

Fit for ISUZU / いすゞ

● Diesel-engine Automobiles ● ディーゼル車 ●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference	
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower		
4BC1 4BD1 4BD1-T	3,268	Truck Elf Journey For Chromard Liner	SDI10090ZX	4	1st	102.0	3.0	3.9	BF	SR	GN	GN	5-12121-00140(cyl)	
					2nd	102.0	2.5	4.1	TUC	CR	Cr	Fe		
					Oil	102.0	5.0	4.95	E-BC16	SR	GN	GN		
6BF1	6,130	Truck Forward For Chromard Liner	SDI10082ZX	6	1st	105.0	3.0	3.7	BF	SR	GN	GN	1-12121-05240 5-12121-00640(cyl)	
					2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe		
					Oil	105.0	5.0	4.9	E-BC3	CR	Fe	Fe		
6BG1	6,494	Truck Forward (FRS12) For Chromard Liner	SDI10104ZX	4	1st	105.0	3.0	3.7	BF	SR	GN	GN	1-12121-06540 1-12121-10141(cyl)	
					2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe		
					Oil	105.0	4.0	4.35	E-BC16	SR	GN	GN		
4BE1	3,636	Truck Elf 2ton For Chromard Liner	SDI10118ZX	4	1st	105.0	3.0	3.7	BF	SR	GN	GN	8-94418-91840	
					2nd	105.0	2.5	4.5	TUC	CR	Fe	Fe		
					Oil	105.0	5.0	4.9	E-BC3	CR	Fe	Fe		
4BG1	4,329	Truck Elf For Chromard Liner	SDI10168ZX	4	1st	105.0	3.0	3.7	BF	SR	GN	GN	8-97123-83340	
					2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe		
					Oil	105.0	4.0	4.35	E-BC16	SR	GN	GN		
			SDI10131ZX	4	1st	105.0	3.306	3.9	BF-K1	SR	GN	GN	8-97032-07540	
					2nd	105.0	2.5	4.4	T1-C	CR	Fe	Fe		
					Oil	105.0	4.0	4.35	E-BC16	SR	GN	GN		
6HE1	7,127	Truck Forward	SDI10126ZX	6	1st	110.0	3.0	3.9	BF	SR	GN	GN	8-94396-84040	
					2nd	110.0	2.5	4.7	TUC	CR	Cr	Fe		
					Oil	110.0	4.0	4.35	E-BC16	SR	GN	GN		
6HE1-TC	7,127	Truck Forward	SDI10138ZX	6	1st	110.0	3.836	4.5	BF-K1	HB	Cr	Fe	8-94394-11841	
					2nd	110.0	3.0	4.1	BF	SR	GN	GN		
					3rd	110.0	2.5	4.7	TUC	CR	Cr	Fe		
					Oil	110.0	4.0	4.35	E-BC16	SR	GN	GN		
4HF1	4,334	Truck Elf	SDI10127ZX	4	1st	112.0	3.0	3.9	BF	SR	GN	GN	8-97028-69140	
					2nd	112.0	2.5	4.7	TUC	CR	Cr	Fe		
					Oil	112.0	4.0	4.35	E-BC16	SR	GN	GN		
8PA1	9,971	Truck SKS390 SKW520	YDI10080ZX	V8	1st	115.0	3.0	4.1	BF	SR	GN	GN	1-12181-01640 1-12121-04240 1-12181-06040(cyl)	
2nd	115.0				2.5	4.8	TUC	HB	Cr	Fe				
Oil	115.0				6.0	5.7	E-BC3	HB	Cr	Fe				
10PA1	12,464	Truck Bus SRZ440 CRA650	YDI10080ZX	V10										
12PA1	11,957				Truck VTR300 VRZ440 VTR290	V12								
8PB1	11,217	New Power Tractor Dump	YDI10081ZX	V8			1st	115.0	3.0		BF	SR	GN	GN
					2nd	115.0	2.5	4.8	T1	CR	Cr	Fe		
					Oil	115.0	4.0	4.35	E-BC16	SR	GN	GN		
10PB1	14,022			V10										
12PB1	16,826			V12										
6HH1	8,226	Truck Forward Journey Erga	SDI10163ZX	6	1st	115.0	3.5	4.1	BF	SR	GN	GN	8-94390-79940(cyl) 8-94390-79940(cyl)	
					2nd	115.0	2.5	4.8	TUC	CR	Cr	Fe		
					Oil	115.0	4.0	4.35	E-BC16	SR	GN	GN		
SDI10184ZX	6	1st	115.0	3.5	4.1	BF	SR	GN	GN	8-94392-12841				
		2nd	115.0	2.5	4.8	TUC	CR	Cr	Fe					
		Oil	115.0	3.0	3.1	E-BC16	SR	GN	GN					
6SA1	8,413	Truck Forward 200PS	SDI10112ZX	6	1st	115.0	3.0		BF	SR	GN	GN	1-12121-07040 1-12121-11340 1-12121-07540(cyl)	
					2nd	115.0	2.5	4.8	TUC	HB	Cr	Fe		
					Oil	115.0	4.0	4.2	E-BC3	HB	Cr	Fe		
10PC1	15,014	Truck CXR 10.75ton	SDI10106ZX	V10	1st	119.0	3.0	4.1	BF	SR	GN	GN	1-12121-04740(cyl)	
					2nd	119.0	2.5	4.8	T1	CR	Cr	Fe		
					Oil	119.0	4.0	5.0	E-C2	HB	Cr	Fe		
DH100	10,179	Truck TD70E TD80E TD90E TD141 TP70E TP81 TP81E TP91E Bus BC30 BC141 BC151 BC151P BC161 BU05 BU10 BU15 BU20	SDI10040ZX	6	1st	120.0	3.0	4.1	BF	SR	GN	GN	1-12181-00140 1-12181-08340 1-12181-08640 1-12181-11440 1-12121-01640(cyl) 12181-050 12181-068	
					2nd	120.0	3.0	5.0	T1	CR	Fe	Fe		
					3rd	120.0	3.0	5.0	TUC	CR	Fe	Fe		
					Oil	120.0	6.0	5.6	E-BC3	CR	Cr	Fe		
6SD1	9,839	Truck Forward CXG23	SDI10179ZX	6	1st	120.0	3.5	4.1	BF	SR	GN	GN	1-12121-09941	
					2nd	120.0	2.5	5.0	TUC	HB	Cr	Fe		
					Oil	120.0	5.0	4.95	E-BC16	SR	Cr	Fe		
6QA1 D920	11,041 9,203	Bus TDJ DVR 25DP 35DP	SDI10088ZX	4	1st	125.0	3.0	4.7	BF	SR	GN	GN	1-12121-02840(cyl) 1-12121-04640(cyl) 1-12121-01340(cyl)	
					2nd	125.0	2.5	5.1	TUC	CR	Cr	Fe		
					Oil	125.0	6.0	5.5	E-BC3	CR	Cr	Fe		



Fit for ISUZU / いすゞ

● Diesel-engine Automobiles ● ディーゼル車 ●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SJ10090ZX	4	1st	102.0	3.0	4.4	BF	CR	Fe	Cr
		2nd	102.0	2.5	4.1	TUC	CR	Fe	Fe
SJ10082ZX	6	1st	105.0	3.0	4.5	T1	CR	Fe	Cr
		2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe
		Oil	105.0	5.0	4.9	E-BC3	CR	Fe	Fe
SJ10104ZX	4	1st	105.0	3.0	4.5	T1	CR	Fe	Cr
		2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe
		Oil	105.0	4.0	4.4	E-BC3	HB	Fe	Fe
SJ10118ZX	4	1st	105.0	3.0	4.4	BF	CR	Fe	Cr
		2nd	105.0	2.5	4.5	TUC	CR	Fe	Fe
		Oil	105.0	5.0	4.9	E-BC3	CR	Fe	Fe
SJ10168ZX	4	1st	105.0	3.0	4.4	BF	CR	Fe	Cr
		2nd	105.0	2.5	4.7	TUC	CR	Fe	Fe
		Oil	105.0	4.0	4.4	E-BC3	HB	Fe	Fe
SJ10131ZX	4	1st	105.0	3.306	4.1	BF-K1	CR	Fe	Cr
		2nd	105.0	2.5	4.4	T1-C	CR	Fe	Cr
		Oil	105.0	4.0	4.4	E-BC3	HB	Fe	Fe
SJ10126ZX	6	1st	110.0	3.0	4.5	BF	HB	Cr	Cr
		2nd	110.0	2.5	4.7	TUC	CR	Cr	Fe
		Oil	110.0	4.0	4.35	E-BC16	SR	GN	GN
SJ10138ZX	6	1st	110.0	3.836	4.5	BF-K1	HB	Cr	Fe
		2nd	110.0	3.0	4.5	BF4C	HB	Cr	Cr
		3rd	110.0	2.5	4.7	TUC	CR	Cr	Fe
		Oil	110.0	4.0	4.35	E-BC16	SR	GN	GN
SJ10127ZX	4	1st	112.0	3.0	4.5	BF	HB	Cr	Cr
		2nd	112.0	2.5	4.7	TUC	CR	Cr	Fe
		Oil	112.0	4.0	4.35	E-BC16	SR	GN	GN
YJ10080ZX	V8	1st	115.0	3.0	4.6	BF	HB	Cr	Cr
		2nd	115.0	2.5	4.8	TUC	HB	Cr	Fe
		Oil	115.0	6.0	5.7	E-BC3	HB	Cr	Fe
YJ10081ZX	V8	1st	115.0	3.0	4.6	BF	HB	Cr	Cr
		2nd	115.0	2.5	4.8	TUC	HB	Cr	Fe
		Oil	115.0	4.0	5.0	E-BC3	HB	Cr	Fe
SJ10163ZX	6	1st	115.0	3.5	4.6	BF	HB	Cr	Cr
		2nd	115.0	2.5	4.8	TUC	CR	Cr	Fe
		Oil	115.0	4.0	4.35	E-BC16	SR	GN	GN
SJ10184ZX	6	1st	115.0	3.5	4.6	BF	HB	Cr	Cr
		2nd	115.0	2.5	4.8	TUC	CR	Cr	Fe
		Oil	115.0	3.0	3.1	E-BC16	SR	GN	GN
SJ10112ZX	6	1st	115.0	3.0	4.6	BF	HB	Cr	Cr
		2nd	115.0	2.5	4.8	TUC	HB	Cr	Fe
		Oil	115.0	4.0	4.2	E-BC3	HB	Cr	Fe
SJ10106ZX	V10	1st	119.0	3.0	4.6	BF	HB	Cr	Cr
		2nd	119.0	2.5	4.8	T1	CR	Cr	Fe
		Oil	119.0	4.0	5.0	E-C2	HB	Cr	Fe
SJ10040ZX	6	1st	120.0	3.0	4.9	BF	HB	Cr	Cr
		2nd	120.0	3.0	5.0	T1	CR	Fe	Fe
		3rd	120.0	3.0	5.0	TUC	CR	Fe	Fe
		Oil	120.0	6.0	5.6	E-BC3	CR	Cr	Fe
SJ10179ZX	6	1st	120.0	3.5	5.0	BF	HB	Cr	Cr
		2nd	120.0	2.5	5.0	TUC	HB	Cr	Fe
		Oil	120.0	5.0	4.95	E-BC16	SR	Cr	Fe
SJ10088ZX	4	1st	125.0	3.0	5.1	BF	HB	Cr	Cr
		2nd	125.0	2.5	5.1	TUC	CR	Cr	Fe
		Oil	125.0	6.0	5.5	E-BC3	CR	Cr	Fe

Fit for MITSUBISHI

● Diesel-engine Automobiles ●ディーゼル車●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
4D32	3,567	Canter	SDM31098ZX	4	1st	104.0	3.0	3.9	BF-K2	SR	GN	GN	ME997318
					2nd	104.0	2.0	4.2	T1-C	CR	Cr Fe		
					Oil	104.0	4.0	4.4	E-BC16	SR	GN GN		
6DB	8,550	Truck T330 T330D T335 T370 T380 T383 T390 T410D T480 K100 4K100 4K120 Bus R470 AR470 AM480 MR410 MR420 MR430 MR490 MR510	SDM30005ZX	6	1st	110.0	3.5	4.1	BF	SR	GN	GN	30017-71002
					2nd	110.0	2.5	4.7	T1-C	CR	Cr Fe	30017-71003	
					3rd	110.0	2.5	4.7	B1-C	CR	Fe Fe	30017-75002	
					Oil	110.0	5.0	4.7	E-C1	CR	Cr Fe	30017-75003	
6D24	11,945	Aero Star The Great	SDM31094ZX	6	1st	130.0	3.306	4.55	BF-K1	SR	Cr Fe	ME151190	
					2nd	130.0	3.0	4.7	T1-B	SR	GN GN		
					Oil	130.0	4.0	4.15	E-BC16	SR	Cr Fe		
6D22 6D22T2	11,149	Truck FFT318 FP318 BUS/HP118 MP518 Fork Lift	SDM31111ZX	6	1st	130.0	3.306	4.5	BF-K1	SR	GN GN	ME052889	
					2nd	130.0	3.0	5.3	T1-C	CR	Cr Fe	ME995467	
					Oil	130.0	4.0	4.45	E-BC16	SR	GN GN	ME350961	
												ME993736	
												ME996142	
												ME996540	
												ME996544(cyl)	



Fit for MITSUBISHI

● Diesel-engine Automobiles ●ディーゼル車●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SJM31098ZZ	4	1st	104.0	3.0	4.1	BF-K2	HB	Cr	Cr
		2nd	104.0	2.0	4.2	T1-C	CR	Cr	Fe
		Oil	104.0	4.0	4.15	E-BC16	SR	Cr	Fe
SJM30005ZZ	6	1st	110.0	3.5	4.3	BF	HB	Cr	Cr
		2nd	110.0	2.5	4.7	T1-C	CR	Cr	Fe
		3rd	110.0	2.5	4.7	B1-C	CR	Fe	Fe
		Oil	110.0	5.0	4.7	E-C1	CR	Cr	Fe
SJM31094ZZ	6	1st	130.0	3.306	4.55	BF-K1	SR	Cr	Fe
		2nd	130.0	3.0	5.3	T1-C	HB	Cr	Cr
		Oil	130.0	4.0	4.15	E-BC16	SR	Cr	Fe
SJM31111ZZ	6	1st	130.0	3.306	4.55	BF-K1	SR	Cr	Fe
		2nd	130.0	3.0	5.3	T1-C	HB	Cr	Cr
		Oil	130.0	4.0	4.65	E-BC16	SR	Cr	Fe

Fit for DAIHATSU

● Diesel-engine Automobiles ●ディーゼル車●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
CL-10	993	Charade	SDD10042ZX	3	1st	76.0	2.0		BF-K3	SR	GN	GN	13011-87717
					2nd	76.0	1.5		T1	SR	GN	GN	13011-87723A
					Oil	76.0	3.0	3.4	E-BC3	HB	Cr	Fe	
DG	2,530	Truck D300 DV32L SV32	SDD10012ZX	4	1st	88.0	2.0		T1	SR	GN	GN	992-5113-1410-00
					2nd	88.0	2.0	3.8	T1	CR	Fe	Fe	
					3rd	88.0	2.0	3.8	T1	CR	Fe	Fe	
		Oil 1 Oil 2	88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe			
			88.0	4.0	3.8	C1	CR	Cr	Fe	Fe			
			88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe			
DL(NEW)	2,765	Delta	SDD10026ZX	4	1st	92.0	2.5	3.3	BF	SR	GN	GN	13011-87320A
					2nd	92.0	2.0	3.8	T1	CR	Cr	Fe	13011-87310
					Oil	92.0	4.0	3.7	E-BC16	CR	Cr	Fe	13011-87312 13011-87313



Fit for DAIHATSU

● Diesel-engine Automobiles ●ディーゼル車●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
SJD10042ZZ	3	1st	76.0	2.0	3.3	BF-K3	HB	Cr	Cr	
		2nd	76.0	1.5	3.1	T1	CR	Cr	Cr	
		Oil	76.0	3.0	3.4	E-BC3	HB	Cr	Cr	
SJD10012ZZ	4	1st	88.0	2.0	3.8	T1	CR	Cr	Cr	
		2nd	88.0	2.0	3.8	T1	CR	Fe	Fe	
		3rd	88.0	2.0	3.8	T1	CR	Fe	Fe	
		Oil 1 Oil 2	88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe
			88.0	4.0	3.8	C1	CR	Cr	Fe	Fe
			88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe
SJD10021ZZ	4	1st	88.0	2.0	3.8	T1	CR	Cr	Cr	
		2nd	88.0	2.0	3.8	T1	CR	Fe	Fe	
		3rd	88.0	2.0	3.8	T1	CR	Fe	Fe	
		Oil	88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe
			88.0	4.0	4.0	E-C1	CR	Cr	Fe	Fe
SJD10026ZZ	4	1st	92.0	2.5	3.8	BF	CR	Cr	Cr	
		2nd	92.0	2.0	3.8	T1	CR	Cr	Fe	
		Oil	92.0	4.0	4.1	E-BC3	CR	Cr	Fe	

Fit for MAZDA

● Gasoline-engine Automobiles ●ガソリン車●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
TB	1,169	Familia	SWT20009ZX	4	1st	70.0	2.0	2.7	BF	SR	GN	GN	0263-23-170
					2nd	70.0	2.0	3.1	TUC	CR	Fe	Fe	
					Oil	70.0	4.0	3.1	NIFF-S	SR	Cr	Fe	



Fit for MAZDA

● Gasoline-engine Automobiles ●ガソリン車●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SXT20009ZZ	4	1st	70.0	2.0	3.1	BF	HB	Cr	Cr
		2nd	70.0	2.0	3.1	TUC	CR	Fe	Fe
		Oil	70.0	4.0	3.1	NIFF-S	SR	Cr	Fe

Fit for NISSAN

● Gasoline-engine Automobiles ●ガソリン車●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
G16	1,593	Laurel 1800 C30 C30A C30T Bluebird	SWN30020ZX	4	1st	85.0	2.0	3.3	BF	SR	GN	GN	12033-78250
					2nd	85.0	2.0	4.2	T1	CR	Fe	Fe	12033-78251
					Oil	85.0	4.0	3.25	NIFF-S	SR	Cr	Fe	12033-A8701 12033-A8702
G18	1,815	KH510 P610 U1800SSS Skyline	SWN30069ZX	4	1st	87.2	2.0	3.3	BF	SR	GN	GN	12033-R9000
					2nd	87.2	2.5	4.05	TUC	CR	Fe	Fe	12033-R9023
L18	1,770	CP10 110 KPC10 110	SWN30085ZX	4	1st	89.0	2.0	3.1	BF-IB	SR	GN	GN	12033-13G10
					2nd	89.0	1.5	3.9	T1	CR	Fe	Fe	12033-83W00
Z24i	2,389	Datsun Truck	SWN30085ZX	4	1st	89.0	2.0	3.1	BF-IB	SR	GN	GN	12033-13G10
					2nd	89.0	1.5	3.9	T1	CR	Fe	Fe	12033-83W00
					Oil	89.0	4.0	3.2	NIFF-S	SR	Cr	Fe	



Fit for NISSAN

● Gasoline-engine Automobiles ●ガソリン車●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SXXN30020ZZ	4	1st	85.0	2.0	4.2	T1	CR	Cr	Cr
		2nd	85.0	2.0	4.2	T1	CR	Fe	Fe
		Oil	85.0	4.0	3.25	NIFF-S	SR	Cr	Fe
SXXN30069ZZ	4	1st	87.2	2.0	4.05	BF	CR	Cr	Cr
		2nd	87.2	2.5	4.05	TUC	CR	Fe	Fe
		Oil	87.2	4.0	3.8	NIFF-S	SR	Cr	Fe
SXXN30085ZZ	4	1st	89.0	2.0	3.05	BF	SR	Cr	Cr
		2nd	89.0	1.5	3.9	T1	CR	Fe	Fe
		Oil	89.0	4.0	3.2	NIFF-S	SR	Cr	Fe

Fit for TOYOTA

● Gasoline-engine Automobiles ●ガソリン車●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower	
1G-EU	1,988	Soare Crown Mark II Chaser Cresta	SWT10073ZX	6	1st	75.0	1.5	2.9	BF	SR	GN	GN	13011-70010
					2nd	75.0	1.5	3.4	T1	CR	Fe	Fe	13011-70030
					Oil	75.0	4.0	3.0	NIFF-S	SR	GN	GN	
12R 12R-J	1,587	Corona Hi Lux Hi Ace Toyo Ace	SWT10042ZX	4	1st	80.5	2.0	3.1	BF	SR	GN	GN	13011-31050
					2nd	80.5	2.0	3.9	T1	CR	Cr	Fe	13011-31051
					Oil	80.5	4.0	3.75	NIFF-S	SR	Cr	Fe	13011-31060 13011-31061 13011-31070 13011-31090
21R	1,972	Corona 2000	SWT10067ZX	4	1st	84.0	2.0	3.1	BF	SR	GN	GN	13011-37010
					2nd	84.0	2.0	4.0	T1	CR	Cr	Fe	
					Oil	84.0	4.0	3.25	NIFF-S	SR	Cr	Fe	



Fit for TOYOTA

● Gasoline-engine Automobiles ●ガソリン車●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SXT10073ZZ	6	1st	75.0	1.5	3.25	BF	HB	Cr	Cr
		2nd	75.0	1.5	3.4	T1	CR	Fe	Fe
		Oil	75.0	4.0	3.0	NIFF-S	SR	GN	GN
SXT10042ZZ	4	1st	80.5	2.0	3.9	BF	CR	Cr	Cr
		2nd	80.5	2.0	3.9	T1	CR	Cr	Fe
		Oil	80.5	4.0	3.75	NIFF-S	SR	Cr	Fe
SXT10067ZZ	4	1st	84.0	2.0	4.0	BF	CR	Cr	Cr
		2nd	84.0	2.0	4.0	T1	CR	Cr	Fe
		Oil	84.0	4.0	3.25	NIFF-S	SR	Cr	Fe

Fit for TOYOTA

● Gasoline-engine Automobiles ● ガソリン車 ●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference			
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower				
2T	1,588	Corona 1600	SWT10059ZX	4	1st	85.0	1.5	3.1	BF	SR	GN	GN	13011-28010			
		Corona 1800			2nd	85.0	1.5	3.8	T1	CR	Fe	Fe	13011-28011			
		Camry			Oil	85.0	4.0	3.25	NIFF-S	SR	Cr	Fe	13011-28020			
3T	1,770	Celica										13011-28030 13011-28071				
1Y(NEW)	1,626	Lite Ace	SWT10090ZX	4	1st	86.0	1.5	3.3	BF	SR	GN	GN	13011-71033			
		Town Ace			2nd	86.0	1.5	4.0	T1	CR	Cr	Fe	13011-71042			
		Mark II			Oil	86.0	4.0	3.05	NIFF-S	SR	GN	GN	13011-74130 13011-74131			
2Y(NEW)	1,812	Corona Carina														
3Y(NEW) 35-F	1,998															
5R 5R-U	1,994	Crown	SWT10069ZX	4	1st	88.0	2.0	3.3	BF	SR	GN	GN	13011-44010			
		RS50			2nd	88.0	2.5	4.2	T1	CR	Cr	Fe	13011-44011			
		RS50B			Oil	88.0	4.0	3.3	NIFF-S	SR	Cr	Fe	13011-44030 13011-44031 13011-44032 13011-44040 13011-44041 13011-44042 13011-44043 13011-44060 13011-44061 13011-44062 13011-44063 13011-44073			
		Dyna														
		RK171														
		RK171V-B														
		RK176-H														
		RK176V-HB														
		Stout														
		RK101														
RK101-K																
ToyoyAce																
22R 22R-E 22R-EC	2,366	Coaster	SWT10077ZX	4	1st	92.0	2.0	3.5	BF	SR	GN	GN	13011-35010			
		Celica			2nd	92.0	2.5	4.2	T1	CR	Cr	Fe	13011-35020			
		Corona			Oil	92.0	4.0	3.25	NIFF-S	SR	Cr	Fe	13011-35030			
Hi Lux																
Hi Ace																
Land Cruiser																
2F	4,230	Truck	SWT10049ZX	6	1st	94.0	2.0	3.5	BF	SR	GN	GN	13011-61010			
		FJ55 FJ101			2nd	94.0	2.5	4.2	T1	CR	Cr	Fe				
		FC22D			Oil	94.0	4.0	3.85	NIFF-S	SR	Cr	Fe				
Land Cruiser																



Fit for TOYOTA

● Gasoline-engine Automobiles ● ガソリン車 ●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SXT10059ZZ	4	1st	85.0	1.5	3.8	BF	CR	Cr	Cr
		2nd	85.0	1.5	3.8	T1	CR	Fe	Fe
		Oil	85.0	4.0	3.25	NIFF-S	SR	Cr	Fe
SXT10090ZZ	4	1st	86.0	1.5	3.5	BF	CR	Cr	Cr
		2nd	86.0	1.5	4.0	T1	CR	Cr	Fe
		Oil	86.0	4.0	3.05	NIFF-S	SR	GN	GN
SXT10069ZZ	4	1st	88.0	2.0	4.2	BF	CR	Cr	Cr
		2nd	88.0	2.5	4.2	T1	CR	Cr	Fe
		Oil	88.0	4.0	3.3	NIFF-S	SR	Cr	Fe
SXT10077ZZ	4	1st	92.0	2.0	4.2	BF	CR	Cr	Cr
		2nd	92.0	2.5	4.2	T1	CR	Cr	Fe
		Oil	92.0	4.0	3.25	NIFF-S	SR	Cr	Fe
SXT10049ZZ	6	1st	94.0	2.0	4.2	BF	CR	Cr	Cr
		2nd	94.0	2.5	4.2	T1	CR	Cr	Fe
		Oil	94.0	4.0	3.85	NIFF-S	SR	Cr	Fe

Fit for TOYOTA

● Diesel-engine Automobiles ● ディーゼル車 ●

New Code

Engine Type	Exhaust quantity (c.c.)	Vehicle Model Chassis Type	NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment		Reference		
						d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower			
2D	6,494	Truck	SDT10028ZX	6	1st	105.0	3.0	3.7	BF	SR	GN	GN	13011-77010		
		DA90 DA90D			2nd	105.0	3.0	4.2	T1	CR	Cr	Fe	13011-77020		
		DA95 DA110			3rd	105.0	3.0	4.2	BI-TUC	CR	Fe	Fe	13011-77021		
		DA110D DA115			Oil 1	105.0	5.0	4.6	E-BC3	CR	Cr	Fe	13011-77022		
		DA115C DA116			Oil 2	105.0	5.0	4.2	BC1	CR	Fe	Fe	13011-77023		
		Bus													
		DB90 DB92													
		DB95 DB100													
		DB100C DB102													
		DB102C DB105													
DB105C DR10															
DR11 DR15															



Fit for TOYOTA

● Diesel-engine Automobiles ● ディーゼル車 ●

Discontinuation Code

NPR Catalog Code	Cyl No.	Position	Size (mm)			Shape	Material	Surface Treatment	
			d 1 (D)	h 1 (B)	a 1 (T)			Outside	Upper/Lower
SJT10028ZZ	6	1st	105.0	3.0	4.2	BF	CR	Cr	Cr
		2nd	105.0	3.0	4.2	T1	CR	Cr	Fe
		3rd	105.0	3.0	4.2	BI-TUC	CR	Fe	Fe
		Oil 1	105.0	5.0	4.6	E-BC3	CR	Cr	Fe
		Oil 2	105.0	5.0	4.2	BC1	CR	Fe	Fe