

OIL SEAL



《QD32》



《4D31-T/34-T/6D31-T》



《4D30/31/32》



《6D16/14T/15T/16T》



《S6B》



《6D24》



《F17C》



《J05》



《4HF1》



《6HK1》



OIL SEAL



《4JB1》



《6RA1/B1/A1-T/B1-T》



《6D170》



《S6D155》



《S6D155》



《S6D125》



《S6D105》



《S6D95》



《3304/3306》



《6BT》



《S6D105》



《S6D125》



NISSAN

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
RD8 / RD10	AE3505F	70-88-9	BLUE $\ominus$	AH4414F	126-150-14	BK $\ominus$
	AE2864H 12260-9002	50-72/78-12	BLUE $\oplus \ominus$			
RE8 RF8 RF8-A400 RE10 RF10	BE3212E	70-88-8	BK	12279-97003 BH3224E	133-157-14	BK
RG10 RH10	BH1118F 12278-97001	126-150-13	BK	BZ4938F (w/sleeve)	133-168-15 140-168.5-13	BLUE
RE8(N) RE10(N)	BE3212E	70-88-8	BK	BH1306E (SEAL ONLY) (* sleeve only)	132-150-14 126-132-18 (sleeve)	BK $\ominus$
				AZ7434E 12270-97001/2 (w/sleeve)	126-150-18	
RF8(N) RF10(N)	BH1118F 12278-97001	126-150-13	BK	12270-97007 BZ5333E (w/sleeve)	138-157/165-18 132.5-138-22 (sleeve)	BK $\ominus$
RG8	BZ5966E (w/sleeve)	109.5-150-15	BLUE	BZ4938F (w/sleeve)	133-168-15 140-168.5-13	BLUE
RG8 RH8	BH1118F 12278-97001	126-150-13	BK	BZ4938F (w/sleeve)	133-168-15 140-168.5-13	BLUE
PE6 PE6-T	AE3298E	62-85-14	BK $\ominus$	AH4414F	126-150-14	BK $\ominus$
PD6 PD6-T	AE3298E	62-85-14	BK $\ominus$	AH4414F	126-150-14	BK $\ominus$
ND6 NE6 NE6-T	AE3298E AE2388A	62-85-14 40-62-11	BK $\ominus$ BK $\oplus$	AH4330E	120-140-13	BK $\ominus$
NF6 NF6-T	AE3298E	62-85-14 58-80-12	BK $\ominus$ BK			
FE6 FE6-T	AE05808P 12278-Z5501	58-82-10	BK BK	12279-Z5000 12279-Z5003 BH2619E BA2619E	110-135-9	BK
FD6 (OLD)		60-82-12	BK	BH1478E	115-135/144-9/10	BK $\ominus$
FD6 FD6-T	AE3298E	62-85-14	BK	AH8279P	105-135/146-13	BK $\ominus$
FD6 FD6-T	AE3298E	62-85-14	BK	AH4153F 12279-Z5001	105-135-14	GREY $\ominus$
ED33	AE3298E	62-85-14	BK	AH8279P	105-135/146-13	BK $\ominus$
FD42 / FD42-T FD46 / FD46-T TD35	AE3297G	62-85-12	BK	BH1965E	108-135-9	GREY
FD33 FD35	12278-T9000 AH3297G	62-85-12	BK	12279-01700 AE4152E	105-135-12.5	GREY
FD35-T	12278-T9000 AH3297G	62-85-12	BK	BH1961E 12279-Z5500	105-135-9	GREY
PF6(OLD) PF6-T(OLD)	AE3297G AH3297G	62-85-12	BK	BZ2658E 12270-96003 (w/sleeve)	144-162-14 137.85-143.03-18(sleeve)	BK
PF6-T(NEW)	12277-ZB000 AE3842K	85-110-13		BZ2658E 12270-96003 (w/sleeve)	144-162-14 137.85-143.03-18(sleeve)	BK
PF6/PF6-T CK451(380P)	12277-ZB000 AE3842K	85-110-13		BH2658F	138-162-14	BK $\ominus$
PF6-T(NEW) 1997~	12277-ZB000 AE3842K	85-110-13		BZ5967E	138-173-15	
TD25 TD27 TD42 QD32 BD30	13510-43G00 AH3153E	58-80-10	BK	12279-43G00/1/4	86-100-10	BK

$\ominus$: PLATE SHAPE

$\oplus$: CAMSHAFT OIL SEAL



NISSAN

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
QD30 QD32 TD42(NEW) TD27(NEW) TD86 BD30	13510-43G00 AH3153E	58-80-10	BK	12279-06J01 (NEW)	86-209-24	BK
QD30 QD32 TD42(NEW) TD27(NEW) TD86 BD30	13510-43G00 AH3153E	58-80-10	BK	12279-43G05	86-209-20	BK
QD30 QD32 TD42 TD27 TD86 BD30	13510-43G00 AH3153E	58-80-10	BK	12279-2W201	86-187-20	BK
SD22		58-80-12	BK	AZ3554F	71.6-92-7/6.2	BK ⊕
SD23 SD25		58-80-12	BK		80-100-10	GREY
SD33 SD33-T		58-80-12	BK	AZ3554F	71.6-92-7/6.2	BK ⊕
LD20	AE2788H	48-70-9	BK	AH3733E	80-100-12	BK
H20		45-68-12	BROWN		75-90-13	BK
RD28-T		40-52-7 38-48-8			80-100-10	

⊙: PLATE SHAPE

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OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
8DC92A/11 (FV355)	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
8DC-91 (FV320)	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
8DC-90	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
8DC-82	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
8DC-81	AE3994I	95-120-13	BK	AH7043P	130-160-14.2	BK ⊕
8M20 8M21	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
8M20 8M21	BZ1335E	101.5-125-13/21	BLUE FLANNEL	BZ5941E	120-180-22.3	BLUE ⊕
8M21	BZ1335E	101.5-125-13/21	BLUE FLANNEL	BZ5409E	Y120-172-22.3	BLUE
8DC-6 (FV305)	AE3842A 31107-06301	85-110-13	BK	AH7043P	130-160-14.2	BK ⊕
8DC-4 (FV265)	AE3842A 31107-06301	85-110-13	BK	AH7043P	130-160-14.2	BK ⊕
6D10 6D14 6D15	ME031051 AE3610EO ME031543 AE7228E	72-94-12	BK	AH7328P AE4108E ME023491 ME031584	105-125-11.7	BK
6D14 6D15	AE7228E	72-94-12	BK	ME031548 AH7472P	100-125-12.5 (for singapore)	BK ⊕
6D16 6D14-T 6D15-T 6D16-T 6D14-2AT 6D14-3AT 6D15-2AT 6D15-3AT 6D16-2AT 6D16.7A 6D17-T(24V)	BE4018E	76-94-12	BK	BZ2374E ME030856 ME034976	108-180-18	BLUE 5 hole ⊕
6D16-T(NEW) 6D17 2006~	ME074755 BZ5412E	76-100/121-19.5	BLUE	BZ2374E ME030856 ME034976	108-180-18	BLUE 5 hole ⊕
6M60 6M61	ME074755 BZ5412E	76-100/121-19.5	BLUE	BZ2374E ME030856 ME034976	108-180-18	BLUE 5 hole ⊕
6D20	AE3994I	95-120-13	BK	AH7043P	130-160-14.2	BK ⊕
6D22 6D22-T	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
6D22-3AT	BZ1335E	101.5-125-13/21	BLUE FLANNEL	BZ5942E	120-180-32.8	BLUE ⊕
6D24 1996~	BZ1335E	101.5-125-13/21	BLUE FLANNEL	BZ5941E/ME152	120-180-22.3	BLUE ⊕
6D24 2000~	BZ1335E	101.5-125-13/21	BLUE FLANNEL	BZ5942E	120-180-32.8	BLUE ⊕
6D40	BZ1335E	101.5-125-13/21	BLUE FLANNEL	AZ8854P	135-157.4-12.5	BLUE
4D30 4D31 4D32	AE3055P ME034027	55-78-12	BK	AH8307P ME011731	100-120-15	BK 7 hole ⊕
4D31-T 4D32-T 4D33 4D34 4D34-T 4D35 4D36 4D37	AE3055P ME034027 ME024156	55-78-12	BK	BH3258E ME011867	100-124-14.5	BK 7 hole ⊕
4D32-T 4D33 4D34 4D34-T	ME013384 ME013306	55-78-8		BH3258E ME011867	100-124-14.5	BK 7 hole ⊕

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL



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ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
4D31	AE3055P ME034027 ME024156	55-78-12	BK	BH1021E ME011755	105-124/158-15	BK 7 hole ⊖
4D30-T(NEW)	BZ5051E ME017208	55-78-10/16.5	BLUE FLANNEL	BZ4603E ME240010	100-124-13.3	BLUE 7 hole ⊖
4G54	AH3724F MD050604	80-96-9	BLUE SIL	AH3724H	80-96-9	BROWN VIT
	AH2786G MD020308	48-68-11	BK ⊕ACM			
4D56 4D56-T	AH2554F MD008882	44-60-7	BROWN VIT	AH3724H	80-96-9	BROWN VIT
	AH2057I MD008762	35-50-8	BK ⊕			
	AH1292F	25-35-6	BK ⊕			
	AH0736H	17-28-7	BK ⊕			
S6K-T S4K	AE3527G 34311-00800 5I7656	70-95-13	BK FLANNEL	AZ4291E 34312-00080 5I7660	120-150-13 (w/sleeve) ®	BLUE
S6K S4K	AE3527G 34311-00800 5I7656	70-95-13	BK FLANNEL	BW3673E	122-150-14	BK
S6S	AE3527G 34311-00800 5I7656	70-95-13	BK FLANNEL	AH3932E	90-115-13	BK
S6A S6B S6B-3	BZ4438E	160-195-10	BLUE	BZ4438E	160-195-10	BLUE
6D30	AE3055P ME034027	55-78-12	BK	AH8307P ME011731	100-120-15	BK 7 hole ⊖
6D31-T 6D34 6D34-T	AE3055P ME034027 ME024156	55-78-12	BK	BH3258E ME011867	100-124-14.5	BK 7 hole ⊖
6D31-T(OLD) 6D31-T(NEW)	AE3055P ME034027 ME024156	55-78-12	BK	BH1021E ME011755	105-124/158-15	BK 7 hole ⊖
6D34-T	BZ5051E ME017208	55-78-10/16.5	BLUE FLANNEL	BZ4603E ME240010	100-124-13.3	BLUE 7 hole ⊖
4M40(4WD)	BJ/BZ5001E	50-74-11	BLUE FLANNEL	BJ/BZ5622E	92-114/120.5-9/17	BLUE FLANNEL
4M40(2WD)	BH5679E	50-74-11	BROWN	BH6237E	90.5-114-12	BROWN
S4E-1 S4E-2 S4S S6E-1 S6E-2	AE3055P ME034027 ME024156	55-78-12	BK	AH3932E	90-115-13	BK
V31 (4G64) V31 V31 V31	AH2554F AH0984E AH1292F AH2057I	44-60-7 20-30-7 25-35-6 35-50-8	BROWN VIT BK ⊕ BK ⊕ BK ⊕	BH4649F MD150161	85-103-8	BROWN VIT
V33 (6G72) V33	AH8740G AH2057I	37-50-6 35-50-8	BROWN BK ⊕			

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OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
12PA1 10PA1 8PA1	AH7313R	120-153-15	BK FLANNEL	AH7313F	120-153-15/18	BK FLANNEL
12PB1 10PB1 8PB1	AH7313H 1-09625-506-0	120-153-15	BROWN FLANNEL	AH4347G	120-153-15	BK FLANNEL
12PC1 10PC1 8PC1	BH1942F	120-153-10	BK FLANNEL	AH3180E	120-153-17/20	BK FLANNEL
12PC1-T 12PD1 12PE1 10PE1 8PE1 8PD1 (Thailand)	BZ4764E (w/sleeve) 1-09625-524-2	120-153-13/15	BROWN FLANNEL	BZ4764E (w/sleeve) 1-09625-525-2	120-153-13/15	BROWN FLANNEL
10PC1-T 10PD1 8PC1-T 8PD1 12PB1 (China)	AH7313H 1-09625-506-0	120-153-15	BROWN FLANNEL	BH3180G 1-09625-507-1	120-153-17 [®]	BROWN FLANNEL
6BB1 6BD1 D500	AH3222V 1-09625-438-0	60-82-12	BROWN FLANNEL	AH7079P	100-135-15.5Y	BK ⊕
6BD1-T 6BG1	AH3222V 1-09625-438-0	60-82-12	BROWN FLANNEL	BH3732E 1-09625-439-1	105-135-15L	BROWN FLANNEL
6BD1-T	AH3221E	60-82-10	BK FLANNEL	BH2153E	105-135-14 180p 105-135-10 175p	BK
6QA1	AH3519R	70-92-12/18	BK	AD2848WN	128-148-14 (Sil)	BK FLANNEL
6QA1-T(NEW)					128-148-10 (Sil)	FLANNEL
6RB1 6RA1 6RA1-T	AH3518F	70-92-10	BROWN FLANNEL	AH6912G	128-148-14(Vit)	BROWN FLANNEL
6SD1 6SD1-T	BZ4763E 1-09625540-2	114-153-15 (w/sleeve)	BROWN FLANNEL	BZ4762E 1-09625541-2	114-150-15 (w/sleeve)	BROWN FLANNEL
6SA1	AH7313V	120-153-15L	BROWN VIT	AH4347G	120-150-15	BROWN VIT
E120	AH3519R	70-92-12/18	BK	AD2848WN	128-148-14(Sil)	BK FLANNEL
4HE1 4HE1-T 4HF1 4HG1 4HG1-T	BZ4219E BZ4219E-S 8-94369-518-0	109-137-14 (w/sleeve)	BLUE FLANNEL	BZ4365E BZ4365E-S 8-94370-637-0	109-139-13 (w/sleeve)	BLUE FLANNEL
4HK1 4HK1-T	BZ4219E BZ4219E-S 8-97329-780-0	109-137-14 (w/sleeve)	BROWN FLANNEL	BZ4365E BZ4365E-S 8-97602-379-0	109-139-13 (w/sleeve)	BROWN FLANNEL
6HE1 6HE1-T 6HH1	BZ4425E BZ4425E-S 8-94396199-1	104-137-13 8-94396199-1 (w/sleeve)	BLUE FLANNEL	BZ4365E BZ4365E-S 8-94370-637-0	109-139-13 (w/sleeve)	BLUE FLANNEL
6HK1 6HK1-T	BZ4425E BZ4425E-S 8-97602-378-1/3	104-137-13 (w/sleeve)	BROWN FLANNEL	BZ4365E BZ4365E-S 8-97602-379-0	109-139-13 (w/sleeve)	BROWN FLANNEL
4BA1 4BB1 4BD1 4BC2 4BE1	AH3222V	60-82-12	BROWN FLANNEL	AH7079R	100-135-15.5Y	BK ⊕
4BD1-T 4BE1	AH3222V	60-82-12	BROWN FLANNEL	BH2195E 1-09625-320-0	100-135-10	BK
4BD2-T	AH3222V	60-82-12	BROWN FLANNEL	AZ4079P 8-97072-823-1	101.6-135-13/14.7 (w/sleeve)	BROWN FLANNEL

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	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
4EE1 4EC1		40-52-6 18-32-6	BK BK ⊕		87-100-8.5	BROWN
4FB1 4FC1 4FD1 4FG1	BH2465E AH1558H	40-56-6.5 47-8	28- BK ⊕	BK BK	AH8846G	95-118-10 BROWN FLANNEL
4FE1	AH2847S	50-68-9	BK FLANNEL	AH8846G	95-118-10	BROWN FLANNEL
4JA1 4JB1	AH2847S	50-68-9	BK FLANNEL	AH8846G	95-118-10	BROWN FLANNEL
4JA1 4JB1	AH2847G	50-68-9	BK	AH8846E	95-118-10	BK
4JB1-T 4JG2 4JG2-T	BZ4961E BZ4961E-S 8-97071-560-1 BH2465E	50-68-7/9(w/sleeve)	BROWN FLANNEL	BZ4962E 8-97071-561-1 (w/sleeve)	95-118-13 (w/sleeve)	BROWN FLANNEL
4JB1-T 4JG2 4JG2-T 4JH1 4JH1-T	AH2847S	50-68-9	BK FLANNEL	BZ4962E 8-97071-561-1 (w/sleeve)	95-118-13 (w/sleeve)	BROWN FLANNEL
4LE1 4LE2	AH2847S	50-68-9	BK FLANNEL	AH3724H	80-96-9	BROWN VIT
C190 C240 C223	AH2847G	50-68-9	BK	AH3786E	82-105-12.5Y	BK ⊖
C223-T	AH2847S AH2483E	50-68-9 42-55-9	BK FLANNEL BK ⊕	BH2755F	82-105-10	BK ⊖
C240 (NEW)	AH2847S	50-68-9	BK FLANNEL	BH2755F	82-105-10	BK FLANNEL
DA220 DA640	AH3519R	70-92-12/18	BK	BH3732E	105-135-15L	BROWN FLANNEL
DA220 DA120	AH3519R	70-92-12/18	BK		SEAL	
6WA1 6WG1	BZ4837G (w/sleeve)	118-148-20.5 1-096-25556-2	BLUE FLANNEL	BZ4837G (w/sleeve)	118-148-20.5 1-096-25557-1	BLUE FLANNEL
3KB1 3KC1 3KC2 3KR1 3KR2 3LD1	AH2847S	50-68-9	BK FLANNEL	AH3724H	80-96-9	BROWN VIT
3AB1	AH2847S	50-68-9	BK FLANNEL	AH3786E	82-105-12.5Y	BK ⊖
2AB1	AH2847G	50-68-9	BK	AH3786E	82-105-12.5Y	BK ⊖

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	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
V22C V25C	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
F21C	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
F20C	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
F17C	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
F17E(Thailand) F20E(Thailand)	BZ5221E SZ311-96004	96-131-13 (w/sleeve)	BLUE FLANNEL	BZ5222E	125-177-15 (w/sleeve)	BLUE FLANNEL
EF750	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
EF500	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
EF300	AH7026Q AE7714E AH2057F/I	96-124-14/21 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4498S	135-165-14/21	BK
EF100	AH7026Q 1828270100 AE15185N	96-124-14/21 27-47-10	BK BK ⊕	AH4457E	130-160-14	BLUE
EK100 EK100 EK100	AH3527F AE7714E AH2057F/I	70-95-13/20 37-57-10 35-50-8	BK BK ⊕ BK ⊕	AH4399S/F	125-155-14/23L	BK
HO6C HO7C HO6C-T HO7C-T HO7D-T	AH3400F AE7714E	65-88-12/19R 57-10	BK BK ⊕	AH7425Q	106-126-12	BK
K13C K13C-24V/TE (OLD)	AH3618M BH4226G AH2057F/I	75-100-13/20R 42-62-10 35-50-8	BK BK ⊕ BK ⊕	AH4399S/F	125-155-14/23L	BK
K13D (Thai.) K13C-24V/TE (OLD) K13C-24V/TV (NEW)	BZ4820E BZ5376E-S BH4226G AH2057F/I	75-114-15 9828-75145 (w/sleeve) 42-62-10 35-50-8	BLUE FLANNEL BK BK ⊕ BK ⊕	BZ5377E BZ5377E-S	116-151-15 9828-01223 (w/sleeve)	BLUE FLANNEL
K13C-24V (NEW)	BZ5221E SZ311-96004 BH4226G AH2057F/I	96-131-13 (w/sleeve) 42-62-10 35-50-8	BLUE FLANNEL BK BK ⊕ BK ⊕	BZ5377E BZ5377E-S	116-151-15 9828-01223 (w/sleeve)	BLUE FLANNEL
E13C	BZ5221E	96-131-13 (w/sleeve)	BLUE FLANNEL	BZ5222E	125-177-15 (w/sleeve)	BLUE FLANNEL
ED100 EB300 EB400 DK10		80-105-13	BK	AH4399S/F	125-155-14/23L	BK
EP100 EM100	AH3618M AH1666I	75-100-13/20R 29-42-8	BK BK ⊕	BH1566F	122-150-12/18	BK
EL100	AH3618M	75-100-13/20R	BK	AH8298P	116-146-12/18	BK
EH500 EH700	AH3400F AD0253P	65-88-12/19R 25-45-8	BK BK ⊕	AH7425Q	106-126-12	BK

⊖ : PLATE SHAPE

⊕ : CAMSHAFT OIL SEAL



HINO

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
EH300	AH3148P	58-75-9/14.5R	BK	AH7425Q	106-126-12	BK
EC100 WO4D WO6E	AH3148P	58-75-9/14.5R	BK	AH4056H	100-120-13/18L	BK
EH100/KR	AH3148P AD0253P	58-75-9/14.5R 25-45-8	BK BK ⊕	AH4056H	100-120-13/18L	BK
M10C.U	AH3618M AE7714E AH1666I	75-100-13/20R 37-57-10 29-42-8	BK BK ⊕ BK ⊕	BH1566F	122-150-12/18	BK
JO5E JO5C/JO5C-T JO7C/JO7C-T JO8C/JO8C-T	BZ4820E BZ4820E-S	79-114-15 (w/sleeve)	BK BK FLANNEL	AZ4079G AZ4079G-S	100-135-13/15 (w/sleeve)	BK BK FLANNEL
P11C	AH3618M (w/sleeve) AH1666I	75-100-13/20R 37-75-13/15 29-42-8	BK BLUE ⊕ BK ⊕	BZ5377E BZ5377E-S	116-151-15 9828-01223 (w/sleeve)	BLUE FLANNEL
P11C	AH3618M (w/sleeve) AH1666I	75-100-13/20R 37-75-13/15 29-42-8	BK BLUE ⊕ BK ⊕	BH1566F	122-150-12/18	BK
P11C-N-2	BZ5221E	96-131-13 (w/sleeve) 37-75-13/15	⊕	BZ5377E	116-151-15 (w/sleeve)	
PO9C	AH3618M (w/sleeve)	75-100-13/20R 37-75-13/15	BK BLUE ⊕	BZ5377E BZ5377E-S	116-151-15 9828-01223 (w/sleeve)	BLUE FLANNEL
	AH1666I	29-42-8	BK ⊕			

⊕: CAMSHAFT OIL SEAL

⊙: PLATE SHAPE



TOYOTA

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
3Y/4Y 4Y (for heavy machinery)	AH2492L BH4165E	42-60-7 49-66-8	BROWN VIT BK ⊕	90311-80010 AH3732E	80-100-10 HTCL 80-100-10	BROWN VITON SI
DG DL	AH2651H	45-62-9	BK	AH7266E	95-110-11	BK / BRN
2LT/3LT 2LT/3LT	AH2492E AH8338P	42-60-7 32-46-6	BROWN BK ⊕	AH3834I	85-105-10	BK
2LT/3LT 2LT/3LT	AH2492E AH8338P	42-60-7 32-46-6	BROWN BK ⊕	AH3834I	85-105-10	BK
2LII-T 3LII-T	AH2492E AH8338I	42-60-7 32-46-6	BROWN BK ⊕	AH3834I	85-105-10	BK
2LII-T 3LII-T	AH2492E AH8338P	42-60-7 32-46-6	BROWN BK ⊕	AH3834I	85-105-10	BK
2L	AH2492E	42-60-7	BK	AH3834I	85-105-10	BK
14B / 15B 13B/11B	AH2861H 90311-50013	50-72-9/14	BROWN FLANNEL	BH4375F 90311-95008	95-115-9.5/12	BROWN FLANNEL
BU/2B/3B 2J 2H/HU	AH2864F	50-72-12	BK	AH3983P	95-115-12	BK
1RZ/2RZ	BH4214E	48-68-7	BROWN VIT	BH4215F	88-106-8.5	BROWN VIT
1HZ	AH3148P BH0390F AH8338P	58-75-9/14 58-72-7 32-46-6	BROWN ⊕ BK ⊕	BH4375F 90311-95008	95-115-9.5/12	BROWN FLANNEL
1KZ	BH0309F AH8338P	58-72-7 50-68-9/14 32-46-6	BROWN ⊕ BROWN ⊕ BK ⊕	BH4375F 90311-95008	95-115-9.5/12	BROWN FLANNEL
2KD-T	AH8338P	65-79-7 50-68-9/14 32-46-6	BROWN ⊕ BK ⊕	BH4375F 90311-95008	95-115-9.5/12	BROWN FLANNEL
2C-T	AH2492E	42-60-7R 38-50-8	⊕	BH0605K	90-110-9	
1DZ	AH2651	45-62-9	BK	BH3276E/F 90311-95951-71	95-115-8.5	
1Z 2Z 11Z	BH3275E	55-77-8.5	BK	BH3276E/F 90311-95951-71	95-115-8.5	

⊙:PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

MAZDA

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
T4100	AH3208P	60-78.9-11	BK	AH8165F	101.57-125-13	BK FLANNEL
T3500 T3500-T T3000	AH2921E	50.8-69.85-11	BK FLANNEL	AH8165F	101.57-125-13	BK FLANNEL
E3000 E2700 S2	AH2921E	50.8-69.85-11	BK FLANNEL	AH8165F	101.57-125-13	BK FLANNEL
R2	AH1968F AH1671P	34-48-8 30-44-7	BK BK ⊕	BH0605E F801-11-399	90-110-9	BK
B2	BH5434E BH4852E	60-76-7.5 53-69.85-11 32-46-7	BK BK ⊕ FLANNEL BK ⊕	BH0605K FE5H11399	90-110-9.5/10.3	BROWN
PN	AH1671P AH1671P	30-44-7 30-44-7	BK BK ⊕	BH2845E	83-100-9	
WE-CD BT50/B3000		60-77.4-8 48-60-6 32-46-7			90-110-8.5	
WE-CD BT50/B2500		60-77.4-8 48-60-6			90-110-8.5	

⊙:PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

TONYCO



KOMATSU

OIL SEAL

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
3D94	AE3040H	55-72-9 17-30-6	BK BK ⊕		90-120-17	BK
3D95	AH3297G 6240-21-3510	62-85-12	BK	BH3099E 6201-21-4510	95-127/154-17/25	BROWN
4D92	AE3047 6140-21-3520	55-75-12	BK	AE3994I 6140-21-1331	95-120-13	BK
4D94	AE3040H	55-72-9 17-30-6	BK BK ⊕	6144-21-4231	90-120-17	BK
4D95/4D95L S4D95 6D95/S6D95 S6D95L	AE3297G 6204-21-3510	62-85-12	BK	AE3994 I 6140-21-1331	95-120-13	BK
4D95/4D95L S4D95 6D95/S6D95 S6D95L	AE3297G 6204-21-3510	62-85-12	BK	AW9063E AW9063F 6141-21-1332	95-120-17	BLUE
4D102 S4D102	063951 3900709 P-8E97251	63.5-79.4-8	ORANGE	6736-21-4220 130951 3925529 3909410	130-150-14.5 [®]	ORANGE
4D105-3	AE3222V 6130-22-3290	60-82-12	BROWN	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	AD2388P 6130-21-3230	40-62-11	BK ⊕			
		11-22-6.4	BK ⊕			
4D105-5	6136-21-3510 AE3409P	65-90-13	BK	AH8279E 6130-22-4231	105-135-13	BK FLANNEL
		11-22-6.4	BK ⊕			
4D120	AD3618I 07012-00075	75-100-13		6610-21-1321	152.4-171.5-12.3	BK
	AD2688G 07012-00045		⊕			
	AD1032F 6110-73-3370		⊕			
		11-22-6.4	BK ⊕			
4D130	AD3618I 07012-00075	75-100-13		6610-21-1321	152.4-171.5-12.3	BK
	AD1032F 6110-73-3370		⊕			
		11-22-6.4	BK ⊕			
6D102 S6D102	063951 3900709 P-8E97251	63.5-79.4-8	ORANGE	6736-21-4220 130951 3925529 3909410	130-150-14.5	ORANGE
6D105 S6D105	AE3409P 6136-21-3510	65-90-13	BK	AH8279E 6130-22-4230/31	105-135-13	BK / RU FLANNEL
	AD1904F	32-52-11	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
6D105 S6D105	AE3409P 6136-21-3510	65-90-13	BK	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	AD1904F	32-52-11	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
6D105 S6D105		20-40-9	BK ⊕			

⊙: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL



ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
6D107	AXLE	70-100-12.5/16	BK	130951 3925529 3909410 TGAJL	130-150-14.5 (w/sleeve)	ORANGE ⊖
6D108 S6D108	AE3409P 6136-21-3510 GJ9268E 6131-62-1340	65-90-13 2.250-3.000-0.375 (inch)	BK BK ⊕	AH4395E 6221-21-4510	125-150-13	BK
6D108 S6D108 (for china)	AE3409A 6136-21-3510 GJ9268E 6131-62-1340	65-90-13 2.250-3.000-0.375 (inch)	BK BK ⊕	AW4395E 6211-21-4522 6221-21-4520	125-150-14	BROWN VIT
6D110 S6D110	AE3409P 6136-21-3510	65-90-13	BK	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
6D125 S6D125 6D125(NEW)	AE3963F 6150-21-3230 AE1336G	92.08-120.65-12.7 25-45-9 11-22-6.4	BK BK ⊕ BK ⊕	6150-21-4242 6150-21-4243 BW2410E	152.4-180-17	BROWN VIT
6D125 S6D125 6D125(NEW)	AE3963F 6150-21-3230 AE1336G	92.08-120.65-12.7 25-45-9 11-22-6.4	BK BK ⊕ BK ⊕	6151-21-4160	149.35-180.25-17.3	RD / TEFLON
6D125(NEW) S6D125(NEW)	6151-29-3230 KAJR-KIT	3.625-4.751-0.500	RD TEFLON	6151-29-4150 KAJL-KIT	152-180-17	RD TEFLON
6D140	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	BE2102E	152-180-14	BK ⊖
6D155 S6D155	AW4069E 6127-21-3510	100-125-21.4	BK	AW9205E 6128-21-4230	180-210-22V	BK
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AD3400L	65-88-12	BLUE ⊕			
	AD2685E	45-72-12	BK ⊕			
	AD2085J 07012-20035	35-55-11	BLUE ⊕			
	AD5085N-S	35-55-11	BK ⊕			
	AE2624E 06122-04504	45-52-4	BK ⊕			
	06122-04004	40-47-4	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
6D155(NEW) S6D155(NEW)				6215-29-4220 (w/sleeve) AZ4898E (seal only)	186-210-15 180-186-30 (sleeve)	BK
6D170 S6D170	BD1441E	110.3-139.7-14.28	BK FLANNEL	6162-23-4251	170-230/279-23	BK ⊖
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AE3222V 6162-23-3582	60-82-12	BK ⊕ FLANNEL			
	AE3055P 6162-63-1681	55-78-12	⊕			
	AH2864F	50-72-12	BK ⊕			
	AE2388A 07012-10040	40-62-11	BK ⊕			
		11-22-6.4	BK ⊕			

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

KOMATSU

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
NH220 (for 6610-9901)	6610-21-3520	TB2 79.38-104.78-14.3	BLUE	6610-21-1321	TB2 152.4-171.45-11.	BLUE
	6162-13-6440	2.125-2.657-0.250	⊕			
	6610-21-3511	TB2 53.98-81-11.9	BLUE ⊕			
		1.750-2.500-0.500	BLUE ⊕			
	AD2240K	TB2 38-58-11	BK ⊕			
NH220 (for 6610-09-2000)	6610-21-3520	TB2 79.38-104.78-14.3	BLUE	6610-21-1321	TB2 152.4-171.45-11.	BLUE
	6162-13-6440	2.125-2.657-0.250	⊕			
	6610-21-3511	TB2 53.98-81-11.9	BLUE ⊕			
	07012-00060	TB2 60-82-12	BLUE ⊕			
	6610-61-2170	TB2 1.750-2.502-0.313	BLUE ⊕			
NT855 (for 6711-0104)	3006736/39813	91-121-12	RD		140-171.45-16	TEFLON
	6162-13-6440	2.125-2.657-0.250	⊕			
	390302/3004316	55-81-11	RD ⊕			
	AD2240K	TB2 38-58-11	BK ⊕			
NT855 (for 6711-0103)	3006736/39813	91-121-12	RD TEFLON	39823	152.5-171-16	RD TEFLON
	6162-13-6440	2.125-2.657-0.250	⊕			
	390302/3004316	55-81-11	RD ⊕			
	AD2240K	TB2 38-58-11	BK ⊕			

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL



TONYCO

KOMATSU-1

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
S6D95 (for 6206-0901)	AE3297G	62-85-12	BK	AW9063E	95-120-17	BLUE
S6D95 (for 6207-0901)	6240-21-3510			6141-21-1332		
S6D95 (for 6206-9901)	AE3297G	62-85-12	BK	AH3994P	95-120-13	BK
S6D95 (for 6207-9901)	6240-21-3510			6140-21-1341		
4D105-3 (for 6131-9901)	AE3222A	60-82-12	BK	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	6130-22-3290					
	AD2388P	40-62-11	BK ⊕			
	6130-21-3230					
4D105-5 (for 6135-9901)	AE0325F	11-22-7	BK ⊕	AH8279E 6130-22-4231	105-135-13	BK FLANNEL
	6150-71-1910					
	AE3409A	65-90-13	BK			
	6136-21-3510					
4D120 (for 6110-9901)	AE0325F	11-22-7	BK ⊕	6610-21-1321	152.4-171.5-12.3	BK
	6150-71-1910					
	AD3618I	75-100-13				
	07012-00075		⊕			
	AD2688G					
4D130 (for 6114-9901)	07012-00045		⊕	6610-21-1321	152.4-171.5-12.3	BK
	AD1032F		⊕			
	6110-73-3370					
	AE0325F	11-22-7	BK ⊕			
S6D105 (for 6136-9901)	6150-71-1910			AH8279E 6130-22-4231	105-135-13	BK FLANNEL
	AD3618I	75-100-13				
	07012-00075					
	AD1032F					
S6D105 (for 6137-9901)	6110-73-3370			AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	AE0325F	11-22-7	BK ⊕			
	6150-71-1910					
	AE3409A	65-90-13	BK			
	6136-21-3510					
S6D105 (for 6137-9901)	AD1904F	32-52-11	⊕	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	07012-10032					
	AE0325F	11-22-7	BK ⊕			
	6150-71-1910					
	AE3409A	65-90-13	BK			
	6136-21-3510					
S6D105 (for 6137-9901)	6136-65-8150	Y 25-46/79-23	BK ⊕	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	AD1337G	TB2 25-45-10	BK ⊕			
	07012-00025					
	AD1032F	TB2 20-40-10	BK ⊕			
	6110-73-3370					
	6136-65-8140	SC 30-40-6	BK ⊕			
S6D105 (for 6137-9901)	AE0325F	11-22-7	BK ⊕	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	6150-71-1910					
	AE3409A	65-90-13	BK			
	6136-21-3510					
	AD1904H-1	32-52-11	BK ⊕			
	07012-10032					
S6D105 (for 6137-9901)	AD1032F	TB2 20*40*10	BK ⊕	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	07012-00020					
	702-16-11510	VB 14-20-3	BK ⊕			
	AE0325F	11-22-7	BK ⊕			
S6D108 (for 6222-9900)	6150-71-1910			AH4395E 6221-21-4510	125-150-13	BK
	AE3409A	65-90-13	BK			
	6136-21-3510					
S6D108 (for 6222-9900)	GJ9268E	2.250-3.000-0.375 (inch)	BK ⊕	AH4395E 6221-21-4510	125-150-13	BK
	6131-62-1340					

⊙: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL



KOMATSU-1

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
S6D110 (for 6138-9901)	AE3409A 6136-21-3510	65-90-13	BK	AW4155E 6130-21-4231	105-135-18	GREEN (double springs)
	AD1904H-1 07012-10032	32-52-11	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
	GJ9268E 6131-62-1340	2.250-3.000-0.375 (inch)	⊕			
S6D125 (for 6150-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160	149.35-180.25-17.3	RD / TEFLON
	AE1336G 6150-71-3150	25-45-10	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
S6D125 (for 6151-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160	149.35-180.25-17.3	RD / TEFLON
	07012-00038	38-58-10.5	BK ⊕			
	6151-71-3150	30-50-10	BK ⊕			
	AE1336G 6150-71-3150	25-45-10	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
S6D125 (for 6153-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160	149.35-180.25-17.3	RD / TEFLON
	AE1336G 6150-71-3150	25-45-10	BK ⊕			
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
S6D125 (for 6154-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160	149.35-180.25-17.3	RD / TEFLON
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
S6D125 (for 6155-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160 6151-21-4161	149.35-180.25-17.3	RD / TEFLON
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
S6D125 (for 6159-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	6151-21-4160 6151-21-4161	149.35-180.25-17.3	RD / TEFLON
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

KOMATSU-1

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
S6D114	6742-02-1110	75-93-8		6732-21-1310	130-150-14	
S6D140 (for 6211-9901) (for 6212-9901)	AE3963F 6150-21-3230	92.08-120.65-12.7	BK	BZ2102E 6150-21-4230	152-180-14	BK Θ
	AD2240K	38-58-11	BK ⊕			
	AD1337G 07012-00025	TB2 25-45-10	BK ⊕			
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AD1563E 6210-71-3281	28-48-11	BK ⊕			
	6150-61-2540	KC28-37-6.8	⊕			
S6D155 (for 6128-9901)	AW4069E 6127-21-3510	100-125-21.4	BK	AW9205E 6128-21-4230	180-210-22V	BK
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AD3400L	65-88-12	BLUE ⊕			
	AD2685E	45-72-12	BK ⊕			
	AD2085J 07012-20035	35-55-11	BLUE ⊕			
	AD5085N-S	35-55-11	BK ⊕			
	AE2624E 06122-04504	45-52-4	BK ⊕			
	06122-04004	40-47-4	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			
S6D170 (for 6162-9901)	BD1441E	110.3-139.7-14.28	BK FLANNEL	6162-23-4251	170-230/279-23	BK Θ
	6162-13-6440	2.125-2.657-0.250	BK ⊕			
	AE3222M 6162-23-3582	60-82-12	BK ⊕ FLANNEL			
	AE3055R 6162-63-1681	55-78-12	⊕			
		TB 50-72-12	BK ⊕			
	AE2388A 07012-10040	40-62-11	BK ⊕			
	AE0325F 6150-71-1910	11-22-7	BK ⊕			

Θ: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

CATERPILLAR

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
3204		2.375-3.061-0.050			4.875-5.998-0.625	
	5S2106	2-2.835-0.469	⊕			
3304-K2 3306-K2	9Y-9895 (w/sleeve)		RD	4W-0452 (w/sleeve)		BLUE
	5-2106		⊕			
	59735		BROWN ⊕			
3300-WPGK	8C-5210		RD			

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

CUMMINS

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
6BT 4BT	063951 3904353 3900709 P-8E97251	63.5-79.4-8 (w/sleeve)	ORANGE ⊖	130951 3925529 3909410 3909409	130-150-14.5 (w/sleeve)	ORANGE ⊖
6CT	3921927	75-93-8(w/sleeve)	ORANGE ⊖	3925529 3933262 130951 3909409 3909410	130-150-14 (w/sleeve)	ORANGE ⊖
NH220	TB2 TB2	79.38-104.78-14.3 53.98-81-11.9	BLUE BLUE ⊕		TB2 152.4-171.45-11.	BLUE
NT855(OLD) NH220(OLD)	3006736/39813 390302/3004316	91-121-12 55-81-11 41.27-63.5-6.35	RD RD ⊕ VIT ⊕	39823	152.5-171-16	RD TEFLON
NT855 NT855A 50040	AE3963F 6150-21-3230	92.08-120.65-12.7 50.8-80.96-11.1 44.45-63.5-8V 41.27-63.5-6.35	BK VIT	6710-29-1330	152.4-171.5-11	
	AE3963F 6150-21-3230	92.08-120.65-12.7 50.8-80.96-11.1 44.45-65.08-9.52 41.27-63.5-6.35	BK VIT	6710-29-1330	152.4-171.5-11	
QSB	AXLE	70-100-12.5/16	BK	130951 3925529 3909410 TGAJL	130-150-14.5 (w/sleeve)	ORANGE ⊖

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

OTHERS

ENGINE MODEL	CRANKSHAFT FRONT OIL SEAL (TIMING COVER)			CRANKSHAFT REAR OIL SEAL		
	REF NO. NOK NO.	SPECIFICATION	REMARK	REF NO. NOK NO.	SPECIFICATION	REMARK
CHARGER		34-48-7 x RTU 32-48-7 x RT1	BROWN BROWN ⊕	AH7953P	58-74-17	BK
V.W.		32-47-10	BROWN		85-105-12	BROWN
AUDI		35-48-10 32-47-9.5	BROWN BROWN ⊕		85-105-12	BROWN
FOR U.K.	CX1014 SHAFT ROTATION	80.94-98.425-12.7				
IVECO		70-90-10 55-70-8 50-70-10	BROWN ⊕ ⊕		100-118-10	BROWN
YANMAR 4D94E		62-77-9	BK	AH3983P	95-115-12	BK

⊖: PLATE SHAPE

⊕: CAMSHAFT OIL SEAL

