

4 Remove and replace the oil filter



●CUP TYPE OIL FILTER WRENCH

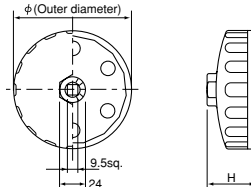
D.PAT.



Domestic cars

CUP TYPE OIL FILTER CARTRIDGE WRENCH

No.	Interior measurement	φ (Outer diameter)	H	Shape	▼g	☞
AVSA-063	63	72	35	14 Sides	80	10
-064	64	72	35	14 Sides	80	10
-067	66.5	74	35	14 Sides	80	10
-073	72.5	80	35	14 Sides	90	10
-074	74	82	35	15 Sides	90	10
-079	79	86	40	15 Sides	100	10
-080	79.5	86	40	15 Sides	110	10
-089	89	96	40	15 Sides	120	10
-092	92	99	40	15 Sides	130	10
-095	94.5	102	45	15 Sides	140	10
-099	99	106	45	15 Sides	140	10
-101	100.5	108	45	15 Sides	150	10



Domestic car oil filter chart

Manufacturer	Car type (engine) model	Applicable oil filter wrenches	Manufacturer	Car type (engine) model	Applicable oil filter wrenches
Toyota	1AZ, 2AZ, 1NZ, 2NZ, 1SZ, 1ZZ, 2ZZ, 2, 2Y(-099 may be used), 3Y, 3A, 4A, 5A, 7A, 3E, 4E, 5E, 3S, 4S, 5S, 4K, 5K, 7K 3GR, 4GR, K3, 1KR(Wax paper replacement type) E(J(Replacement Part - 064), HC, K3(Replacement Part - 064)	AVSA-064	Mitsubishi	4D56, 4D65, 4D68, 4M40(Pajero) 4M40(Delica Space Gear etc.), 4M50, 4M51	AVSA-101 AVSA-106B
	1G, 1JZ, 1MZ, 2MZ, 1N(-099 may be used), 1RZ (-095 may be used), 3RZ, 2JZ, 2TZ, 2UZ, 3VZ, 4VZ, 5VZ, 5V, 7M	AVSA-067		13B(-067 may be used), 20B(-067 may be used), B3(-067 may be used), B5(-067 may be used), B6(-067 may be used), BP(-067 may be used), F6A, G16A, H25A, QG13, QG15, U20A	AVSA-064
	2Y (-064 may be used), 3Y(LPG Spec)	AVSA-073		F8, FP(-064 may be used), FS(-064 may be used), G6, J5(-064 may be used), JE(-064 may be used), K8(-064 may be used), KF(-064 may be used), KJ(-064 may be used), KL(-064 may be used), RF(-079 may be used), ZY, ZJ(Demio)	AVSA-067
	11B, 13B, 14B, 15B (-099 may be used), 1C, 1FZ, 1RZ (-073 may be used), 2C (-099 may be used), 2L (-099 may be used), 1N-T (-099 may be used), 2RZ, 3B, 3F, B	AVSA-079		DE(Atenza 2 ℓ LF-DE)(Wax paper replacement type) VE(Atenza 2.3 ℓ L3-VE)(Wax paper replacement type)	AVSA-074
	14B, 1HD, 1HZ, 1KZ, 1N (-095 may be used), 1P, 2C (-095 may be used), 2L (-095 may be used), 3C, 3L (-095 may be used), 5L	AVSA-095		PN, RF(-067 may be used)	AVSA-079
	1W, J05, S05	AVSA-099		GA15	AVSA-080
	T2 (Cavalier)	AVSA-101B		RF(-067,-079 may be used)	AVSA-089
	1GZ	AVSA-A74		RF(Diesel) (Bongo)	AVSA-101
		AVSA-110B		R2, WL	AVSA-101B
				4HF1, 4HG1	AVSA-108B
		GY, AJ, YF(MVP, Tribute)	AVSA-A93		
Nissan	TB45E, VG33, VH45, SR16, VK45, CG10, CG13, KA24, SR16, SR18, SR20, QG13, QG15, QG18, VQ20, VQ25, VQ30, VQ35, QR15, QR18, QR20, QR25 HR15, MR18, MR20, K6A, CR14, CGA3	AVSA-063	Honda	E07A, E07Z, L13A, 15A(Fit), E05A	AVSA-063
	F8	AVSA-067		G25, 20A, F20B(Inspire, Accord)	AVSA-079
	A12, A15, CA18, CA20, GA13, GA15, GA16, MA09, MA10, NA16, NA20, RB20 (-064 in some cases post October 1998), RB25 (-064 in some cases post October 1998), RB26 (-064 in some cases post October 1998), VG20, VG30, VG33, VH41, VH45	AVSA-080		B16A, B16B, B18B, B18C, B20B, C30A, C32A, C32B, C35A, D13B, D15B, D16A, F18A, F18B, F20A, F20B, F22A, F22B, F23A, G20A, G25A, H22A, H23A, J25A, J30A, J32A, J35A, ZC(-064 may be used; -064 for models with cab spec.)	AVSA-080
	CD17, CD20, D5, FD35, FD42, LD20, QD32, RD28, TB42, TD23, TD27, TD42	AVSA-092		F6A, F6B, G10, G13B, G15A, G16A, H25, J20, K6A	AVSA-063 AVSA-064
	CD, TD	AVSA-095		*AVSA-063 and AVSA-064 can be used on all models where required	
	R2	AVSA-101B		3S, 2Y, 3Y	AVSA-064
				K3, 1KR(Wax paper replacement type)	
				EF, EJ, HC, HD, HE, JB, JC, K3 (Replacement parts: Both the -067 & -064 are available)	AVSA-067
				2C, 3C	AVSA-099
Mitsubishi	3G81 (-064 may be used), 4A30 (-064 may be used), 4G13 (-064 may be used), 4G15 (-064 may be used), 4G91 (-064, -079 may be used), 4G92 (-064, -079 may be used), 4G93 (-064, -079 may be used), 6A10 (-064 may be used), 6A11 (-064 may be used), 6A12 (-064 may be used), 6A13 (-064 may be used), 6Aseries, 4G37, 4G63, 4G64, 4G67, 6G7, 6G71, 6G72, 6G73, 6G74, D13B, D15B, D16A, G13B, G15B, G32B, G33B, G37B	AVSA-067	Subaru	QG13, QG15, QG18	AVSA-064
		AVSA-067		EN07(-064 may be used), EG33	AVSA-067
		AVSA-067		EJ15, EJ16, EJ18, EJ20, EJ22, EJ25, GA15, EZ30	AVSA-080*
		AVSA-067		CD17, CD20	AVSA-092
		AVSA-079		4XC1, 4XE1, 4XF1, 4EC1, 4EE1, 4ZB1, 4ZC1	AVSA-079
		AVSA-079		4FC1, 4FC1-T, 4JB1, 4JG2	AVSA-089
		AVSA-079			
		AVSA-079			
		AVSA-079			
		AVSA-079			

\*The 067 may be compatible for Subaru vehicles that use the AVSA-080.

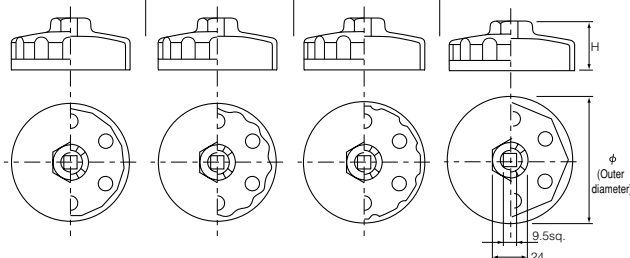
**CUP TYPE OIL FILTER CARTRIDGE WRENCH**

For imported cars

No.	Size dimensions	φ (Outer diameter)	H	Shape	▽g	⊕
AVSA-074	74	82	35	14 Sides	90	10
-074C	74C	82.5	50.5	14 Sides	100	10
-075	75	81	35	15 Sides	90	10
-076	76	82	35	15 Sides	90	10
-086	86	95	46.5	16 Sides	120	10
-087	87	96	68	16 Sides	210	10
-A74	A74	81	35	15 Notches	90	10
-A75	A75	82	35	30 Notches	90	10
-A93	A93	100	40	36 Notches	140	10
-B76	B76	83	35	12 Indents	90	10
-B86	B86	93	40	18 Indents	120	10
-C76	C76	86	35	8 Sides	90	10
-C95	C95	103	40	10 Sides	120	10

• A wrench for removing/installing oil filters in imported cars.

074 14Sides	076 15Sides	A74 15Notches	B76 12Indents	C76 8Sides
074C 14Sides	086 16Sides	A75 30Notches	B86 18Indents	C95 10Sides
075 15Sides	087 16Sides	A93 36Notches		



**● CUP TYPE OIL FILTER WRENCH DESIGNED FOR IMPORTED CARS D.PAT.**



● **Designed to grip tightly even when the filter has been expanded by heat.**  
To deal with an oil filter cover made of resin that is heat expanded, the AVSA-074C and 087 version grips the whole length of the filter unlike conventional types. This wrench has been designed to hold the filter tightly even when the filter is heat expanded.



Remove and replace the oil filter **4**



Wax paper replacement type for the replacement of the Volvo oil filter cap

**Applicable oil filters for imported cars**

Manufacture	Car type (engine) model	Applicable oil filter wrenches	Manufacture	Car type (engine) model	Applicable oil filter wrenches
Volkswagen	Gasoline vehicles	AVSA-074	Ford	Taurus, Seven, Mustang 3.8L	AVSA-A75
Audi	Gasoline vehicles	AVSA-074		Thunderbird, Lincoln Convertible 3.8L	
Opel	Vita, Astra, Vectra	AVSA-075		Probe 2.5L/3.0L	AVSA-A93
	Calibra, Omega	AVSA-092		Thunderbird	
BMW	3 series E30 model, Latter Phase, 4-cylinder	AVSA-074		Mustang 5.0L/V8 4.6L/5.8L /all vehicles	AVSA-064
	3 series, 4-cylinder (Wax paper replacement type) before 2002	AVSA-074C		Explorer	
	3 series, 4-cylinder (Wax paper replacement type) after 2002	AVSA-086		Probe 2.2L	
Mercedes Benz	Gasoline 4, 6, 12-cylinder *1	AVSA-074		Laser (gasoline)	AVSA-067
Porsche	All existing vehicles	AVSA-074		Telstar (gasoline)	
	911 models before 1993	AVSA-092		Festiva	AVSA-074
Peugeot *2	All Vehicles (existing)	AVSA-B76, B86		Focus	
Citroen *2	2CV, GS, GSA, CX2400, CX2500	AVSA-B76		Ka, Lincoln SL, Mondeo V6	AVSA-076
	CX2500, AX, BX, ZX, XM-V6	AVSA-B86		Laser (diesel)	AVSA-079
Renault *2	Twingo, Lucia, Megane	AVSA-B76, B86		Telstar (diesel)	AVSA-089
				Mondeo	AVSA-095
Fiat	Panda, Uno	AVSA-C76	Mazda (Ford)	Tribute/Escape 3L (V6) AJ type	AVSA-A74
	Tipo, Coupe Fiat	AVSA-C95		Tribute/Escape 2L (L4)	AVSA-A93
Lancia	Thema V type 3.0L	AVSA-B86	Chrysler	Grand Cherokee, Cherokee	AVSA-092
	Thema 2.0L, Delta, Tedler, Prisma	AVSA-C76	Toyota made	Models after the 1996 Cavalier	AVSA-A74
Alfa Romeo	164, 147	AVSA-C76	Rover	Mini M/T, 100 series, 200/400DOHC1.6L	AVSA-076
	155, 75, Spider, 145, 156	AVSA-C95		200/400/600/800SOHC2.0L	
Ferrari	328	AVSA-095		Sterling 4 door sedan	AVSA-079
	348	AVSA-B86		200/400DOHC 2.0L, 600/800DOHC	AVSA-095
Saab	All vehicles (existing)	AVSA-075		2.3L Discovery, Range Rover	
				MGF1.8L E-RD18K	AVSA-095
GM	Cadillac Fleetwood Brougham	AVSA-092	Jaguar	Straight 6, V12	AVSA-095
	Elegance Sedan, Cadillac Limousine, Early Transam, Early model Camaro, Chevy G-20	AVSA-075		V8	AVSA-076
	Grandium	AVSA-A74	Volvo	V40, S40, S60, C70, V70, S80	AVSA-087
	Cadillac Concourse, Allante, Eldorado, Seville, Fleetwood Elegance Sedan, Fleetwood 60 Special, Fleetwood Regal, Astro, Bonneville	AVSA-A74		Cross Country	
Caution)	S-10 Blazer, Blazer Silverado	AVSA-076		*Cannot be used on oil filters with round heads on the former 70 series (models before 1998).	AVSA-079
	Models after the 1994 Camaro sports	AVSA-076	Hyundai	All vehicles	
	Park Avenue, Existing Corvette	AVSA-076		*Limited to officially imported vehicles	
	Saturn	AVSA-076			

\*1 Compatible parts may not be available for the 1994 190E due to part changes.

\*2 Sizes can differ for the Renault, Peugeot, and Citroen models depending on whether the parts are factory equipped or after market long life parts. Both the AVSA-B76 and the B86 are recommended for purchase.

**4** Remove and replace the oil filter



**●BIG SIZE CUP TYPE OIL FILTER WRENCH D.PAT.**



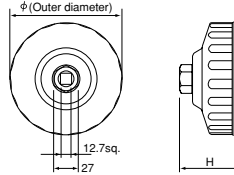
CUP TYPE OIL FILTER CARTRIDGE WRENCH					
No.	φ(Outer diameter)	H	Shape	▼g	☞
<b>AVSA-101B</b>	117	64	15 Sides	550	10
<b>-106B</b>	124	64	16 Sides	570	10
<b>-108B</b>	125	66	16 Sides	610	10
<b>-110B</b>	125	68	17 Sides	610	10
<b>-118B</b>	135	68	16 Sides	650	10
<b>-125B</b>	142	70	18 Sides	750	10

**Usage**

- Removal of the engine oil filter cartridge for 2-4t class trucks/buses, etc.

**Characteristics**

- By employing the insertion method, iron (steel materials) has been used for the drive parts and the thickness of the aluminum section has been increased for improved durability.



**Applicable large diameter oil filters**

Manufacture	Car type (engine) model	Applicable oil filter wrenches	Manufacture	Car type (engine) model	Applicable oil filter wrenches		
Toyota	Coaster	HB30,36V(2H)HB31,32(12H-T) HDB51(1HD-FT)HDB51,31(1HD-T) HZB50(1HZ) UB31(3B)	Hino	Ranger	FC3HJAA(H07D)FB4JEAA(J05C) FC3JLAA(J07C)FD2JLBA(J08C) FE7JPE(J07E)(101B may be used) FB2WEAA(W04D)		
		AVSA-110B			AVSA-108B		
		AVSA-099			AVSA-101B		
		AVSA-095					
	Hiace	BU100(3B)LY211,101(3L)			Ranger2	BU212M(15B-F)	
		AVSA-095				AVSA-099	
	Toyoace	BU102,142(15B-F)BU88(14B)			Ranger3		AVSA-099
		AVSA-099			Ranger4E	FD166BJ(H06C-T)	AVSA-108B
	Dyna	FB4JEAT(J05C) RZU100H(3RZ-FP) WU95(1W)		AVSA-108B AVSA-073 AVSA-101B	RangerFD	FD3WDAD(H06E)	AVSA-108B
		AVSA-095			Super Ranger	J08	AVSA-118B
Land Cruiser Prado	FJ60,61(2F)FJ80,62(3F)FZJ70, 80(1FZ-FE)	AVSA-095	Serega	TL-RUIJ	AVSA-118B		
	HDJ81V(1HD-FT)HZJ80, 77HV(1HZ)KZJ78,71(1KZ-TE) HJ60V(2H)(2H-T)HJ61V(12H-T)	AVSA-099 AVSA-110B	Dutro	S05C, S05D	AVSA-101B		
Hilux	KZN18□, 130G(1KZ-TE)LN130G(2L-TE) LN131V,10□,8□(3L) RZN18□(3RZ-FE)VZN130G(3VZ-E) VZN18□(5VZ-FE)	AVSA-099 AVSA-095 AVSA-073	Isuzu	Elf	NPR59PR(4BD1) 2 parts supplied NHR, NKR(4JA1, 4JB1)~May 1988 NKR58EA(4BE1) June 1988 - 2 parts supplied NKR58EA(4BE1)~May 1988 - 2 parts supplied NKR66EA(4HF1)NKR71EA(4HG1) NPR70PV(4HE1) 4HJ1N, 4HJ1, 4HF1, 4HK1T UBS55(4JA1, 4JB1) August 87~ NHR, NKR(4JA1, 4JB1) June 88~ NHR69CA(4JG2) ASN2F23(TD25)	AVSA-080, 101B AVSA-101B AVSA-080, 101B AVSA-089, 101B AVSA-118B AVSA-089	
		AVSA-099		Journey	W40(TD42T, FD35)	AVSA-092	
		AVSA-095		Journey M, L	BL38SDH(4BG1)	AVSA-101B	
		AVSA-073		Journey Q	GR432F(6HE1)	AVSA-118B	
	AVSA-099	Journey Q, GR		GR433F(6HH1-S)	AVSA-118B		
	AVSA-095	Forward		NRR33K2(6HH1-S)FRR32L2XN8A (6HE1-TCN)FRR32HB(6HE1)6HHI,K FRR12LC(6BG1)	AVSA-118B AVSA-108B		
Daihatsu	Delta	BU212N(15B-F)V116(14B) V98(B)			AVSA-099 AVSA-095		
Mitsubishi	Canter	4D32 Large (2 parts supplied) 4D32 Small (2 parts supplied) FB308B(4DR7) 2 parts supplied FB501B(4M40),4M50 FE305B(4D32)FE516BN(4D36) FE638E(4D35)FE507B,FG337B(4D33) FE649E,FE439E(4D34T),4M51			Atlas	H40(ED33 / FD33)H41 AMF22(BD30)H41(ED35)SGH40 (FD35)LG4YH41(FD42) SN6F23(TD25)SP8F23(TD27) SK4F23(NA20)	AVSA-101B AVSA-089 AVSA-106B AVSA-101B
		AVSA-101B			AVSA-092		
		AVSA-089			AVSA-080		
		AVSA-106B		AVSA-118B			
		AVSA-101B		AVSA-092			
		AVSA-101B		AVSA-092			
Mazda	Titan	WG31T(4HF1) WG5AT(XA)WG5FAD(HA)WGE4T(TF) WGLAT(SL)WGM4H(TM)WGSAT(VS) WG67T(4HG1)		Atlas	4HF1, 4HG1, 4HE1T	AVSA-108B AVSA-101B AVSA-108B	
		AVSA-108B		Civilian	W40(ED33, 35, FD33, TD42T)	AVSA-118B	
		AVSA-101B		Safari	W40(TB42E, 42S, TD42T)	AVSA-092	
Hino	Liesse	RX4JFAA(J05C)		Terrano, Mistral	D21, 50(TD27 series) Mistral R20 (TD27 series)	AVSA-108B	
	Rainbow	CH1JFAA, RJ1JJAA(J08C)RH4JEAA(J05C)			AVSA-092		
		AVSA-108B		Datsun Truck	D21, 50(VG series)	AVSA-080	
	Rainbow7 M	CH3HFAA(H07D)			AVSA-080		
	Rainbow AB	AB2WGAA(W04D)		Nissan Diesel	Condor	BKR69EA(4JG2) SN2F23(TD25), SP4F23(TD27) SW2S41(BD30), TE2S41(ED35) FE6A, FE6F, FE6TA, FE6B, MD92	AVSA-108B AVSA-108B AVSA-101B AVSA-108B
	Rainbow RB	RB1WEAA(W04D-T)			AVSA-089 AVSA-092 AVSA-125B		
Ranger	FD1HLAA(H06C)FD2HLAA(H07C)		Fuso	6D17	AVSA-089		

\* The □ symbol in the table represents multiple models.

**●BIG SIZE CUP TYPE OIL FILTER WRENCH SET (5 sets) D.PAT.**



No.	AVSA5	▼kg	4.0
	Oil filter wrench metal case	AVSA-101B, 106B, 108B, 110B, 118B	
	(430×285×76)		

**CUP TYPE OIL FILTER CARTRIDGE WRENCH SET**