



CONSOLIDATED VEHICLE CONVERTERS

SUBARU















ID CODE

1975-79	1600, 1800		SU1
1980-ON	1600, 1800		SU2
1983-ON	1600, 1800 4WD, TURBO	PINK PAINT DOT/SWATCH	SU4
1985-ON	1600, 1800	PINK PAINT DOT/SWATCH	SU8
1983-85	4WD WAGON	WHITE OR GREEN DOT	SU5
1985-ON	DL WAGON	LIGHT BLUE OR GREEN DOT	SU7
1998	FORESTER AWD	BLUE OR PINK SWATCH	SU13
1998-ON	FORESTER 2.8L	77, 79	SU21
1985-ON	GL10	LIGHT BLUE OR GREEN DOT	SU7
1986	GL 4WD	YELLOW DOT/SWATCH	SU9
1987	GL WAGON 4WD	YELLOW DOT/SWATCH	SU10
1987	GL		SU11
1999	IMPREZA 2.2L	95	SU22
1983-ON	LEGACY 2.2L	GREEN DOT/SWATCH	SU12
1990-93	LEGACY AWD NON-TURBO		SU11
1991	LEGACY 2.2L	GREEN DOT/SWATCH	SU14
1991-05	LEGACY 2.2L TURBO	BLUE OR PINK SWATCH	SU13
1997	LEGACY 2.5L AWD	BLUE OR PINK SWATCH	SU13
1997	LEGACY 2.2L AWD	74	SU15
1999	LEGACY 2.2L	95	SU16
1999	LEGACY 2.5L	77, 79	SU21
1999-03	LEGACY	90, 91, 850	SU19
1983-ON	LOYALE WAGON 4WD	ORANGE AND YELLOW	SU6
1985-93	LOYALE 1.8L NON-TURBO	PINK PAINT DOT/SWATCH	SU17
1985-ON	LOYALE	LIGHT BLUE OR GREEN DOT	SU7
1993	LOYALE 1.8L TURBO RWD	LIGHT BLUE OR GREEN DOT	SU7
1997-04	OUTBACK 2.5L	74	SU15
1999	OUTBACK 2.5L	90, 91, 850	SU19
2001	OUTBACK 3.0L	970	SU20
1992	SVX AWD	BLUE OR PINK SWATCH	SU13
1984	XT4 4WD		SU11
1987	XT		SU11
UNKNOWN AT THIS TIME		B	SU23

	SU1						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	18	.630"	NO DRIVE	4 LUGS	NONE	
SMOOTH OR RIBBED PRIMARY 105 TOOTH RING GEAR 9 1/2" BOLT CIRCLE							

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	SU2						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	18	.630"	NO DRIVE	4 HOLE RING	NONE	
115 TOOTH RING GEAR 10 1/4" BOLT CIRCLE							
	SU4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: PINK							
	SU5						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: WHITE OR GREEN DOT							
	SU6						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: ORANGE ON PRIMARY, YELLOW ON LID							
	SU7						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: LIGHT BLUE OR GREEN DOT							
	SU8						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: PINK							
	SU9						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR, 10 3/4" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: YELLOW							













CONSOLIDATED VEHICLE CONVERTERS

SUBARU

	SU10						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	NONE	
115 TOOTH RING GEAR, 10 7/8" BOLT CIRCLE CENTRIFUGAL CLUTCH OMITTED ID CODE: YELLOW							
	SU11						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 5/8"	22	.630"	SLOTS	4 PADS	YES	
115 TOOTH RING GEAR 1.910" HUB 2.600" LONG 10 7/8" BOLT CIRCLE							
	SU12						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 5/8"	22	.630"	SLOTS	4 PADS	YES	
115 TOOTH RING GEAR 11 3/8" BOLT CIRCLE ID CODE: GREEN DOT							
	SU13						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	22	.630"	SLOTS	4 PADS	YES	
115 TOOTH RING GEAR 1.910" HUB 2 9/16" LONG, 11 3/4" BOLT CIRCLE ID CODE: BLUE OR PINK SWATCH BOTH SIDES							
	SU14						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	18	.630"	NO DRIVE	4 HOLE RING	YES	
115 TOOTH RING GEAR 11" BOLT CIRCLE, 2 LINE-UP HOLES ID CODE: GREEN DOT							
	SU15						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	23	.630"	SLOTS	4 PADS 8 X 1.25	YES	
HUB 3 1/8" LONG, 115 TOOTH RING GEAR 10 15/16" BOLT CIRCLE INK STAMP: 74							
	SU16						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	22	.630"	SLOTS	4 HOLE RING	YES	
115 TOOTH RING GEAR 12" BOLT CIRCLE, 8 X 1.25 THREADS, 2 LINE-UP HOLES ID CODE: 95							

CONSOLIDATED VEHICLE CONVERTERS

SUBARU

	SU17						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	18	.630"	NO DRIVE	4 PADS 8 X 1.25	NONE	
115 TOOTH RING GEAR 10 7/8" BOLT CIRCLE ID CODE: PINK							
	SU19						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/8"	23	.630"	SLOTS	4 HOLE RING	YES	
115 TOOTH RING GEAR 8 X 1.25 THREADS, 11 3/4" BOLT CIRCLE ID CODE: 90, 91, 850							
	SU20						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12 1/4"	23	.630"	SLOTS	4 HOLE RING	YES	
8MM THREADS ON 11 11/16" BOLT CIRCLE, 115 TOOTH RING GEAR SLOTTED HUB 3.170" LONG, INK CODE: 970							
	SU21						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	23 INPUT 33 STATOR	.630"	SLOTS	4 PADS	YES	
11 3/4" BOLT CIRCLE, 8MM THREADS INK CODE: 77, 79							
	SU22						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	MTG RING 11 1/2"	23	.630" SOLID	SLOTS	4 HOLE RING	YES	
2 7/8" LONG FLANGED & FLARED HUB WITH .500" DEEP SLOTS, 10 7/8" BOLT CIRCLE, 115 TOOTH RING GEAR, 8MM THREADS, INK CODE: 95 ON FRONT COVER							
	SU23						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/16"	24	.630"	1.966" SLOTTED	4 PADS	CLUTCH PACK	
11 1/2" ACROSS 115 TOOTH RING GEAR, 32 SPLINE STATOR, 2" LONG FLANGED HUB WITH 7/16" DEEP SLOTS, 11 3/4" BOLT CIRCLE, 8 X 1.25 THREADS, INK CODE: B , METAL STAMP: 72							

CAUTION: CHECK THE LENGTH OF YOUR CONVERTER BOLTS TO PREVENT DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE, VOIDING ALL WARRANTY PLUS LOSS OF CORE.

CONSOLIDATED VEHICLE CONVERTERS

SUZUKI

MX17

1985-91 SUZUKI
 1985-ON FIREFLY
 1985-ON SWIFT
 1988-92 DAIHATSU
 1989-ON SWIFT L4 1.3L
 SWIFT





TO29
TO21
TO30
TO31
TO31
DA48

		DA48							
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
		10"	18	.708"	NO DRIVE	4 LUGS 10 X 1.25	NONE		
		NO DRIVE ON HUB WITH INNER BUSHING 8 3/8" BOLT CIRCLE ID CODE: B1 PILOT SIDE							
		TO21							
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
		9 1/2"	26	1.100" CUP	SLOTS	6 PADS 8MM	NONE		
		1.498" HUB 1 9/16" LONG WITH .425" DEEP SLOTS 7 3/4" BOLT CIRCLE DIMPLES ANGLE 45 DEGREES TO RIGHT							
		TO29							
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
		9 1/2"	26	1.100" CUP	SLOTS	6 PADS	NONE		
		1.498" HUB 1 9/16" LONG WITH 7/16" DEEP SLOTS 7 3/4" BOLT CIRCLE							
		TO30							
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
		9 1/2"	26	1.100" CUP	1.500" SLOTS	6 PADS 8MM	NONE		
		WITH REDUCED PRIMARY 7 3/4" BOLT CIRCLE DIMPLES ANGLE 45 DEGREES TO RIGHT							
		TO31							
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH		
		9 5/8"	26	.394"	1.500" SLOTS	6 PADS	NONE		
		7 3/4" BOLT CIRCLE							

CONSOLIDATED VEHICLE CONVERTERS



SUZUKI



3L30E



	BU83						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	27	.825" 1" LONG	SLOTS	3 PADS 10 X 1.25	YES	
MTG PADS .710" TALL 8" BOLT CIRCLE, DIMPLES 30 DEGREES TO RIGHT ID CODE: 8682088, 96012117, 96012140, SP1U							
	BU85						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	27	.825" 1" LONG	SLOTS	3 PADS	YES	
MTG PADS 3/4" TALL 9 3/4" BOLT CIRCLE, ID CODE: SFLT ID CODE: SFHT, 24200145 ORDER BU85C							

A44DE, A440F

1986	SUZUKI SAMURAI, A440F	TO46
1993-98	SUZUKI SIDEKICK, A44DE	TO55
1996	SUZUKI SIDEKICK 1.9L, A44DE	TO66
1997	SUZUKI SIDEKICK 1.8L	TO66
1998	SUZUKI SIDEKICK SPORT 1.8L 4X4, A44DE	TO66
1999	SUZUKI VITARA 4X4	TO65
1999	SUZUKI GRAND VITARA 4WD, 2.5L	TO67
2000	SUZUKI VITARA	TO67

	TO46						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.650"	1.654" SLOTS	6 PADS 8 X 1.25	YES	
10 5/8" BOLT CIRCLE ID CODE: PURPLE DOT							



	TO55						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 3/4"	26	.650"	SLOTS	3 PADS 10 X 1.25	YES	
8 3/8" BOLT CIRCLE, ID CODE: RED CIRCLE WITH BLUE DOT OR BLACK DOT INSIDE RED CIRCLE							



	TO65						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	20	.825"	1.500" SLOTS	6 10 X 1.25	YES	
ID CODE: G9G08, WG06D, GREEN DOT INK CODE: 6C, 40A570, 40A571							



CONSOLIDATED VEHICLE CONVERTERS

SUZUKI

A44DE, A440F CONTINUED

	T065HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	20	.825" 1" LONG	1.500" SLOTTED	6 PADS	YES	
6 MTG PADS (.510" THICK) WITH 10 X 1.25 THREADS, 8 5/16" BOLT CIRCLE, CLUTCH TYPE UNIT, INK CODE: 40A710 BOTH SIDES, GREEN DOT BY EACH PAD							



	T066						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.825" .650"	SLOTS	6 PADS 10 X 1.25	YES	
38 SPLINE STATOR MTG PADS 1/2" TALL 8 3/8" BOLT CIRCLE ID CODE: YELLOW CIRCLE, RED DOT							

	T067						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	20	.825"	SLOTS	4 PADS 10 X 1.25	YES	
9" BOLT CIRCLE INK STAMP: 40A100, 40A230, 40A610							

AW6040LE

1995-99 SUZUKI ESTEEM
2002-03 SUZUKI AERIO L4 2.0L

T036
T036

	T036						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 5/8"	16	.825" SOLID	1.500" SLOTS	6 PADS 8 X 1.25	YES	
8 3/8" BOLT CIRCLE ID CODE: 30A260, 60A080							



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DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE,
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TOYOTA

A10 2 SPEED

1965-70 CORONA, CROWN



T01

	T01						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	19	1.257"	1.970"	6 HOLE RING	NONE	
HUB HAS 4 INTERNAL DRIVE SLOTS AND BUSHING							

A20 2 SPEED

1968-74 CORONA, CROWN



T02



	T02						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9"	18	1.100"	DRIVE EARS	6 HOLE RING	NONE	



A30 3 SPEED

1967-73 CORONA, CROWN, MARK II
 CORONA, CROWN, MARK II
 1968-73 COROLLA
 1973-78 CORONA
 1973-78 CELICA, PICKUP

T04
T05
T03
T06
T07

	T03						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	23	1.100"	DRIVE EARS	6 HOLE RING	NONE	
ALIGNMENT PIN HOLE IN MOUNTING RING							



	T04						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	23	1.257"	DRIVE EARS	6 HOLE RING	NONE	
ALIGNMENT PIN HOLE IN MOUNTING RING							



	T05						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	23	1.257"	DRIVE EARS	6 HOLE RING	NONE	
FRONT COVER IS SMOOTH							

CONSOLIDATED VEHICLE CONVERTERS



TOYOTA



A30 3 SPEED CONTINUED



	T06						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	23	1.100"	DRIVE EARS	6 HOLE RING	NONE	
EXTENDED MOUNTING RING							



	T07						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	23	1.257"	DRIVE EARS	6 HOLE RING	NONE	
EXTENDED MOUNTING RING							



A40, A40D, A41, A43D

	T08						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.257"	1.500" SLOTS	6 HOLE RING	NONE	
EXTENDED MOUNTING RING							

	T09						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.100"	1.500" SLOTS	6 HOLE RING	NONE	
EXTENDED MOUNTING RING							

	T010						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.100"	1.500" SLOTS	6 PADS	NONE	
9" BOLT CIRCLE							



	T012						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.257"	1.500" SLOTS	6 PADS	NONE	
12 BOSS FRONT COVER 9" BOLT CIRCLE							

	T013						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.257"	1.500" SLOTS	6 PADS	NONE	
9" BOLT CIRCLE							

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA



A40, A40D, A41, A43D CONTINUED



	TO20						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 5/8"	26	1.100"	1.500" SLOTS	6 PADS	NONE	
SLOTTED HUB 1 3/4" LONG WITH 5/8" DEEP SLOTS 7 3/4" BOLT CIRCLE							



A42D, A42DL

1983 PICKUP TRUCK (A42D)
1986 COROLLA
1990 STELLA

TO15
TO24
TO43

	TO15						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.100" CUP	1.500" SLOTS	6 PADS	NONE	
9" BOLT CIRCLE 12 BOSS FRONT COVER							



	TO24						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 5/8"	26	1.100" CUP	1.500" SLOTS	6 PADS	NONE	
HUB 1.755" LONG TOP OF INPUT SPLINES ARE BEVELED 7 7/8" BOLT CIRCLE							

	TO43						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 1/2"	26	.750" SOLID	1.500" SLOTS	6 HOLE RING	YES	
8 5/8" BOLT CIRCLE							

A43DE, A43DL, A44DE, A44DL

1982-ON CELICA, CRESSIDA, VANS
1982-ON SUPRA
1996-98 KIA SPORTAGE 4X4 1.6L
1996-00 TACOMA 2.4L, A43D
2002 SPORTAGE 4X4 2.0L A44DE



TO18A
TO18AH
TO59
TO63
TO59



	TO18A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	26	1.257" DISH	1.500" SLOTS	6 PADS 8MM	YES	
.625" DEEP SLOTS IN HUB, LOW STALL MTG PADS .375" TALL ON 9" BOLT CIRCLE ID CODE: BLACK DOT, BLUE DOT, BLACK & BLUE DOT, BLUE & WHITE DOT							



CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

A43DE, A43DL, A44DE, A44DL CONTINUED



	T018AH						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	26	1.257" DISH	1.500" SLOTS	6 PADS 8MM	YES	
.625" DEEP SLOTS IN HUB, HIGH STALL MTG PADS .375" TALL ON 9" BOLT CIRCLE ID CODE: GREEN DOT , STAMPED OG ON PILOT TIP							

	T059						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	20	1.375" .825"	1.500" SLOTS	6 PADS 10 X 1.25	YES	
9" BOLT CIRCLE ID CODE: BLUE CIRCLE, WHITE CIRCLE, PINK DOT INK CODE 04 , OR BLUE CIRCLE, GREEN CIRCLE, WHITE DOT INK CODE 09							

	T063						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	26	1.257" DISH	1.500" SLOTS	6 PADS 9 X 1.25	NONE	
9 3/16" BOLT CIRCLE ID CODE: 7P , STAMPED ON PILOT TIP 5F							



A46DE
1991-94 PREVIA L4 2.4L

T045

	T045						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	20	1.257" .825"	1.500" SLOTS	6 PADS	YES	
9 1/8" BOLT CIRCLE ID CODE: 019N, 023K PILOT SIDE							

A55, A55F
1979-ON TERCEL

T014

	T014						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9"	15	1.100"	SLOTS	12 HOLE RING	NONE	
SLOTTED HUB 2.160" LONG							







CAUTION: CHECK THE LENGTH OF YOUR CONVERTER BOLTS TO PREVENT
DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE,
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CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

A130, A140, A240, A245, A246E









1983-87	CAMRY	TO18	1983-87	COROLLA	TO18
1988-94	CAMRY 2.2L	TO42	1983-88	COROLLA	TO19
1990-92	CAMRY 4WD	VO28	1987-91	COROLLA 1.6L	TO48
1987-ON	CELICA	TO48	1989	COROLLA	TO33
1988	CELICA	TO18	1998-99	COROLLA 1.8L	TO33LS
1988-ON	CELICA	TO42	1984-87	MR2	TO19
1989	CELICA GTS	TO41	1987-89	MR2 SUPERCHARGED	TO48
1990-92	CELICA	VO28	1987-ON	MR2	TO33
			1991	MR2	TO42
			2004	PONTIAC VIBE L4 1.8L	TO33LS

	TO18						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	26	1.257"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
1.498" SLOTTED HUB 1 9/16" LONG MTG PADS 5/16" TALL ON 9" BOLT CIRCLE							
	TO18D						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	26	1.257"	1.500" SLOTS	6 PADS 9 X 1.25	YES	
1.498" SLOTTED HUB 1 9/16" LONG MTG PADS 5/16" TALL ON 9" BOLT CIRCLE ID CODE: BLUE CIRCLE AROUND PILOT							
	TO19						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 1/2"	26	1.100"	1.500" SLOTS	6 PADS 8MM	YES	
HUB 1 9/16" LONG WITH 7/16" DEEP SLOTS 7 7/8" BOLT CIRCLE							
	TO33						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	1.100"	1.500" SLOTS	6 PADS 8MM	YES	
HUB 1 9/16" LONG WITH 7/16" DEEP SLOTS 7 7/8" BOLT CIRCLE, SOLID OR HOLLOW TYPE PILOT ID CODE: 7, PILOT SIDE R							
	TO33LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	1.100"	1.500" SLOTS	6 PADS 8MM	YES	
HUB 1 9/16" LONG WITH 7/16" DEEP SLOTS, 7 7/8" BOLT CIRCLE, HOLLOW TYPE PILOT, ID CODE: BLUE CIRCLE AROUND PINK DOT, R, BLUE DOT WITH YELLOW DOT, YELLOW PAINT LINE, BLUE CIRCLE WITH WHITE DOT							

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

A130, A140, A240, A245 CONTINUED

	T041						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 1/2"	26	1.257" DISH	1.500" SLOTS	6 HOLE RING	YES	
HUB 1.400" LONG WITH .425" DEEP SLOTS 9" BOLT CIRCLE ID CODE: WHITE RING WITH PURPLE DOT							
	T042						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.257"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
9" BOLT CIRCLE DIMPLES SLIGHTLY TO RIGHT ID CODE: WHITE RING AROUND PILOT							
	T048						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 3/4"	26	1.100" HOLLOW	1.500" SLOTS	6 PADS	YES	
7 7/8" BOLT CIRCLE DIMPLES SLIGHTLY TO RIGHT ID CODE: GREEN CIRCLE							
	V028						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	26	1.257" .825"	1.500" SLOTS	6 PADS	YES	
9" BOLT CIRCLE ID CODE: 16U, 011P, 016Y, 017V, 018S, Q2							
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	



CAUTION: CHECK THE LENGTH OF YOUR CONVERTER BOLTS TO PREVENT DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE, VOIDING ALL WARRANTY PLUS LOSS OF CORE



CONSOLIDATED VEHICLE CONVERTERS



TOYOTA



U140E, U140F, U151E, U151F U240E, U241E

			ID CODE:		
1999-01	LEXUS ES300	3.0L		L	LX1
1999-03	LEXUS RX300 AWD	3.0L		L	LX1
1999-03	LEXUS RX300 RWD	3.0L		53A020	LX2
2004	LEXUS RX330	3.3L	U151E, U151F	01	TO49
2002-04	CAMRY	2.4L		14, 1B14V, 16U	TO75
2002-04	CAMRY	2.4L	U241E	16	TO80
2002-04	CAMRY	3.0L	U140E	L	TO51
2002-04	CAMRY	3.0L	U140E		TO82
	CAMRY			11, 16U	TO75LS
2000-06	CELICA GTS	1.8L	U240E	13	TO81
2001	HIGHLANDER	2.4L	U241E	14, 1B14V, 16U	TO75
2001-03	HIGHLANDER	3.0L	U140E	01	TO49
2005	HIGHLANDER	2.4L	U140F	11, 16U	TO75LS
2000-07	RAV 4	2.0L, 2.4L	U140F	14, 1B14V, 16U	TO75
2005	SCION TC	2.4L	U241E	16	TO80
2002-05	SOLARA	2.4L	U241E	16	TO80

	LX1						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	26	1.257"	SLOTS	6 PADS 9 X 1.25	YES	
38 SPLINE STATOR MTG PADS 5/16" TALL 9 5/8" BOLT CIRCLE PILOT 1.070" LONG ID CODE: L PILOT SIDE							

	LX2						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	20 INPUT 38 STATOR	1.257"/.825 1.370"LONG	1.500" SLOTS	6 PADS 9MM	YES	
6 MTG PADS .330" THICK ON 9 1/2" BOLT CIRCLE SLOTTED HUB 1.575" LONG, INK CODE: 53A020 ID CODE: WHITE DOT ON PRIMARY, YELLOW ON FRONT COVER							











	TO49						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	26	1.257"	1.500" SLOTS	6 PADS 9MM	YES	
9 5/8" BOLT CIRCLE MTG PADS .290" TALL 38 SPLINE STATOR LOW STALL FIN ANGLE INK STAMP: 01 METAL STAMP 0203291342 020607927							

	TO51						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	1.257"	1.500" SLOTS	6 PADS 9MM	YES	
9 5/8" BOLT CIRCLE ID CODE: L PILOT SIDE REDUCED PRIMARY							

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

U140E, U140F, U151E, U151F U240E, U241E CONTINUED

	T075						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.257" .680 LONG	1.500" SLOTS	6 PADS	YES	
9 X 1.25 THREADS 9" BOLT CIRCLE, CLUTCH TYPE UNIT INK CODE: 14, 1B14V , METAL STAMP: 16U BY PILOT							
	T075LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.257"	1.500" SLOTTED	6 PADS	YES	
38 SPLINE STATOR, 9 X 1.25 THREADS, .390" THICK PADS, 8 15/16" BOLT CIRCLE, CLUTCH TYPE UNIT, INK CODE: 11 , METAL STAMP: 16U BY PILOT							
	T080						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.257" 1.070 LONG	1.500" SLOTTED	6 PADS	YES	
1.257" PILOT STEPPED TO .660", 6 MTG PADS WITH 9 X 1.25 THREADS, 9" BOLT CIRCLE, CLUTCH TYPE UNIT, INK CODE: 16							
	T081						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.100"	1.500" SLOTS	6 PADS	YES	
7 7/8" BOLT CIRCLE, 9 X 1.25 THREADS, SOME PILOTS NOT STEPPED, INK CODE: 13							
	T082						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/16"	26	1.257"	1.500" SLOTTED	6 PADS	YES	
PRIMARY REDUCED TO 9 3/4", 38 SPLINE STATOR, PILOT .730" LONG, 6 MOUNTING PADS .400" TALL WITH 9 X 1.25 THREADS, 9 5/8" BOLT CIRCLE, CLUTCH TYPE UNIT, METAL STAMP: 2A310841 PILOT SIDE							



CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

U250E

2005 CAMRY 2.4L

TO80LS

	TO80LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.257" 1.070 LONG	1.500 SLOTTED	6 PADS	YES	
6 MTG PADS WITH 9 X 1.25 THREADS, 9" BOLT CIRCLE, CLUTCH TYPE UNIT, INK CODE: 15							













A340, A341, A343, A350, U340, U341E, U341F

			ID CODE		
2005	KIA SORRENTO	3.5L	GREEN CIRCLE		TO74
1993-ON	INFINITI IS300	3.0L	064N, 20A020, 20A520		TO72
1989-97	LEXUS LS400	4.0L	001X, 0F07P		TO44
1993-97	LEXUS GS300	3.0L	03, 1F		TO22
			064N, 20A020, 20A520		TO72
1992-ON	LEXUS SC400, SE400	4.0L	001X, 0F07P		TO44
2003-07	PONTIAC VIBE	1.8L			TO33LS
2003	TOYOTA CELICA GT	1.8L	U341E	12	TO79
1985	TOYOTA 4 RUNNER		BLACK DOT		TO18B
1989-ON	TOYOTA 4 RUNNER				TO40LS
1989-02	TOYOTA 4 RUNNER	3.4L	03, 1F		TO22
1993-97	TOYOTA 4 RUNNER	3.0L	8U, RL03D		TO62
2003-09	TOYOTA COROLLA	1.8L			
1989-90	TOYOTA CRESSIDA	3.0L	BLACK DOT		TO18B
1995-02	TOYOTA LANDCRUISER	4.5L			
1995-02	TOYOTA LANDCRUISER	4.7L	50A040		TO64
1988	TOYOTA PICKUP	2.4L	9R		TO37
1993	TOYOTA PICKUP	3.0L	8U, RL03D		TO62
			7P		TO40
					TO40LS
					TO63
1993-97	TOYOTA PREVIA	2.4L	03, 1F		TO22
2005	TOYOTA SCION	1.5L			TO33LS
2001-02	TOYOTA SEQUOIA	4.7L	50A040		TO64
1988	TOYOTA SUPRA	3.0L	9R		TO37
1994	TOYOTA SUPRA	3.0L TURBO			
2001	TOYOTA TACOMA	2.7L	03, 1F		TO22
2001-03	TOYOTA TUNDRA	4.7L	50A040		TO64

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA










A340, A341, A343, A350, U340, U341E, U341F CONTINUED

	TO18B						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	1.257"	1.500" SLOTS	6 PADS 8MM	YES	
HUB 1.750" LONG, MTG PADS 1/2" TALL ON 9" BOLT CIRCLE, ID CODE: BLACK OR BLUE DOT, 7D , STAMPED H8 OR 5M ON PILOT TIP							
	TO22						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.257" .825"	1.500" SLOTS	6 PADS 9 X 1.25	YES	
HUB 1.748" LONG WITH .618" DEEP SLOTS MTG PADS .317" TALL ON 9 1/8" BOLT CIRCLE, LOW STALL ID CODE: GREEN OR BLUE CIRCLE & WHITE CIRCLE NEXT TO PINK DOT, GREEN CIRCLE & WHITE CIRCLE NEXT TO BLUE DOT, GREEN CIRCLE NEXT TO ORANGE DOT , 31287, UE26M, 03							
	TO37						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	26	1.257" .825"	1.500" SLOTS	6 PADS 8MM	YES	
1.257" PILOT STEPPED TO .825" 1.220" LONG 8MM X 1.25 THREADS ON 8 31/32" BOLT CIRCLE INK CODE: 9R , ID CODE: GREEN CIRCLE, BLUE DOT							
	TO40						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	26	1.257" .825"	1.500" SLOTS	6 PADS 9MM	YES	
.625" DEEP SLOTS, MTG PADS .325" TALL 9 1/8" BOLT CIRCLE ID CODE: PINK CIRCLE BLUE DOT							
	TO40LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	26	1.257" .825"	1.500" SLOTS	6 PADS 9MM	YES	
.625" DEEP SLOTS, MTG PADS .325" TALL 9 1/8" BOLT CIRCLE, ID CODE: BLUE CIRCLE & RED DOT , PINK CIRCLE & BLUE DOT, GREEN CIRCLE AROUND WHITE DOT, BLUE CIRCLE AROUND RED DOT							
	TO44						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.257" .825"	1.500" SLOTS	6 PADS 9 X 1.25	YES	
HUB 1.748" LONG MTG PADS .430" TALL ON 9 1/2" BOLT CIRCLE CODE: 001X, OL , PILOT TIP 9L OR F , INK CODE: OF07P							

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

A340, A341, A343, A350, U340, U341E, U341F CONTINUED

	T062						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	1.257" .825"	1.500" SLOTS	6 PADS 9MM	YES	
.625" DEEP SLOTS 9 1/8" BOLT CIRCLE ID CODE: 8U, RED CIRCLE AROUND PINK DOT, RL03D							
	T063						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	26	1.257" DISH	1.500" SLOTS	6 PADS 9 X 1.25	NONE	
6 MOUNTING PADS 5/16" TALL, 9 3/16" BOLT CIRCLE ID CODE: 7P, STAMPED ON PILOT TIP 5F, 9K							
	T064						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.257" .825"	1.500" SLOTS	6 PADS	YES	
FLANGED HUB 1.3/4" LONG WITH .625" DEEP SLOTS MTG PADS 3/8" TALL ON 9 1/2" BOLT CIRCLE STAMPED 5A1 PILOT SIDE, STAMPED 2g ON PILOT INK CODE: 8F04U, 50A040, 50A070, 50A100							
	T072						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20 INPUT 38 STATOR	1.257"/.825"	1.500" SLOTS	6 PADS	YES	
6 MOUNTING PADS .335" THICK, 9MM THREADS 9 1/8" BOLT CIRCLE, ID CODE: 4F16C, 20A020, 20A520, WHITE PAINT SWATCH ON PRIMARY, BLUE ON FRONT COVER							
	T074						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	20	.750 1/312 LONG	1.500" SLOTS	6 PADS	YES	
6 MOUNTING PADS .660" THICK WITH 3/8 X 24 THREADS ON 8 1/2" BOLT CIRCLE, CLUTCH TYPE UNIT ID CODE: GREEN CIRCLE							
	T079						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26	1.100"	1.500" SLOTS	6 PADS	YES	
7 7/8" BOLT CIRCLE, 8MM THREADS, STICKER CODE: 12							



CONSOLIDATED VEHICLE CONVERTERS



TOYOTA

A343F

1996 LEXUS LX 450, 4.5L

T069



	T069						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/4"	20 INPUT 38 STATOR	1.257" .825"	1.500" SLOTS	6 PADS 10X1.25	YES	
1.257" PILOT STEPPED TO .825" 1.465" LONG 6 MTG PADS .500" THICK ON 10 3/4" BOLT CIRCLE INK CODE: 50A020, SM14C							



	T074						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	20	.750"	SLOTTED	6 PADS	YES	
.750" PILOT 1.312" LONG, 6 MOUNTING PADS .660" TALL, 3/8 X 24 THREADS ON 8 1/2" BOLT CIRCLE, ID CODE: GREEN PAINT CIRCLE							



A440

1985-91 LANDCRUISER 2.4L, SUZUKI SAMURAI 1.375" PILOT
 1992 LANDCRUISER, SUZUKI SAMURAI 1.650" PILOT
 1993-94 LANDCRUISER 4.5L, SUZUKI SAMURAI 1.257" PILOT

T034
T046
T050

	T034						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.375"	1.654" SLOTS	6 SQ PADS	YES	
10 3/4" BOLT CIRCLE ID CODE: 2M, WHITE DOT, PURPLE DOT (BOTH SIDES)							

	T046						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.650"	1.654" SLOTS	6 SQ PADS	YES	
10 5/8" BOLT CIRCLE ID CODE: PURPLE DOT ONE OR BOTH SIDES							



	T050						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	20	1.257" CUP	1.654" SLOTS	6 PADS 10 X 1.25	YES	
10 3/4" BOLT CIRCLE ID CODE: 51, 5L							

AW50-42LE

2001 DAEWOO LEGANZA

ID CODE: 40A030, UOE31, XE30D

T070



	T070						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8"	26 INPUT 38 STATOR	.825" 1.145" LONG	1.500" SLOTS	6 PADS 10X1.25	YES	
9 5/16" BOLT CIRCLE INK CODE: 40A030, UOE31, XE30D ID CODE: GREEN DOT ON EACH MTG PAD							



CONSOLIDATED VEHICLE CONVERTERS



TOYOTA



A540, A541

			ID CODE	
1989-91	LEXUS ES250	2.5L	PINK CIRCLE AROUND PILOT	TO42LS
1991-01	LEXUS ES300	3.0L	L (PILOT SIDE)	TO51
1996	LEXUS GS300		L (PILOT SIDE)	TO51
1994	TOYOTA AVALON		L (PILOT SIDE)	TO51
1987-ON	TOYOTA CAMRY	4 CYL 6 CYL	WHITE CIRCLE AROUND PILOT	TO42
1994	TOYOTA CAMRY		BLUE CIRCLE AROUND PILOT	TO18D
			PINK CIRCLE AROUND PILOT	TO42LS
			L (PILOT SIDE)	TO51
2000-03	TOYOTA CAMRY	3.0L	02, 04	TO78
1992	TOYOTA CELICA		WHITE CIRCLE AROUND PILOT	TO42
1991	TOYOTA MR2		WHITE CIRCLE AROUND PILOT	TO42
1998	TOYOTA RAV 4		WHITE CIRCLE AROUND PILOT	TO42
1998-03	TOYOTA SIENNA	3.0L	L (PILOT SIDE) 02, 04	TO51 TO78

		TO18D						
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
		11"	26	1.257"	1.500" SLOTS	6 PADS 9 X 1.25	YES	
		HUB 1 3/4" LONG MTG PADS 5/16" TALL ON 9" BOLT CIRCLE ID CODE: BLUE CIRCLE AROUND PILOT						

		TO42						
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
		10 3/8"	26	1.257"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
		9" BOLT CIRCLE ID CODE: WHITE CIRCLE AROUND PILOT						



		TO42LS						
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
		10 3/8"	26	1.257"	1.500" SLOTS	6 PADS 9 X 1.25	YES	
		1.257" PILOT STEPPED TO .825", 9" BOLT CIRCLE 1.257" PILOT STEPPED TO .825" ID CODE: PINK CIRCLE AROUND PILOT						

		TO51						
		DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
		11 1/2"	26	1.257"	1.500" SLOTS	6 PADS 9MM	YES	
		9 5/8" BOLT CIRCLE ID CODE: L PILOT SIDE REDUCED PRIMARY						

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA



A540, A541 CONTINUED



	T078						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/8"	26	1.257" 3/4 LONG	SLOTTED	6 PADS	YES	
9 X 1.25 THREADS ON 9 5/8" BOLT CIRCLE INK CODE: 02, 04 BOTH SIDES, METAL STAMP: 02 0920 1824 WITH TURQUOISE PAINT DOT							

A650E

1998-00 LEXUS GS400, LS400 4.0L
 2001-06 LEXUS IS300 3.0L

T064
LX4



	LX4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/8"	20	1.257" .825"	1.500" SLOTTED	6 SQ PADS	YES	
SLIGHTLY REDUCED PRIMARY, 38 SPLINE STATOR, STEPPED PILOT 1 1/4" LONG, FLANGED & SLOTTED HUB 1 3/4" LONG, 6 SQUARE PADS .405" THICK ON 9 1/8" BOLT CIRCLE, 9 X 1.25 THREADS, INK CODE: A121							

	T064						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.257" .825"	1.500" SLOTS	6 PADS	YES	
FLANGED HUB 1.3/4" LONG WITH .625" DEEP SLOTS MTG PADS 3/8" TALL ON 9 1/2" BOLT CIRCLE STAMPED 5A1 PILOT SIDE, STAMPED 2g ON PILOT INK CODE: 8F04U, 50A040, 50A070, 50A100							

U660

2007 LEXUS ES 350, 3.5L



LX3

	LX3						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	22	1.257" 1.231" LONG	SLOTS	6 PADS	YES	
9MM X 1.25 THREADS, 9 5/8" BOLT CIRCLE CLUTCH TYPE UNIT, ID CODE: U660E, 2 SMALL GREEN CIRCLES METAL STAMP: P ON BOTH SIDES							

A750F

2005 4 RUNNER 4.0L
 2005 4 RUNNER 4.7L
 2007 TUNDRA V8 4.7L



T053
T073
T035



	T035						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	20	1.257"	1.500" SLOTS	6 PADS	YES	
38 SPLINE STATOR, CUP STYLE PILOT .785" LONG, FLANGED HUB 1.580" LONG, 6 SQUARE MTG PADS .400" TALL ON 9 7/16" BOLT CIRCLE WITH 9 X 1.25 THREADS, INK CODE: BLUE PAINT SWATCH BY PILOT, METAL STAMP: B78130064							

CONSOLIDATED VEHICLE CONVERTERS

TOYOTA

A750F CONTINUED

	TO53						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/4"	20	1.257" .825"	1.500" SLOTS	6 PADS	YES	
SLIGHTLY REDUCED PRIMARY, 38 SPLINE STATOR, STEPPED PILOT 1 1/4" LONG, FLANGED & SLOTTED HUB 1 9/16" LONG, 6 STEPPED PADS .465" THICK ON 10 1/2" BOLT CIRCLE, 9 X 1.25 THREADS, INK CODE: 53A040							

	TO73						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	20 INPUT 38 STATOR	1.257" 1.360" LONG	1.500" SLOTS	6 PADS	YES	
6 MTG PADS, .350" THICK, 9MM THREADS 9 1/2" BOLT CIRCLE ID CODE: 53A011, WHITE PAINT SWATCH ON PRIMARY, YELLOW ON FRONT COVER							



A761E

2003



LEXUS LS430 V8 4.3L



ID CODE: 53A020

LX2

	LX2						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 7/8"	20 INPUT 38 STATOR	1.257"/.825 1.370" LONG	1.500" SLOTS	6 PADS 9MM	YES	
6 MTG PADS .330" THICK ON 9 1/2" BOLT CIRCLE SLOTTED HUB 1.575" LONG, INK CODE: 53A020 ID CODE: WHITE DOT ON PRIMARY, YELLOW ON FRONT COVER							

ADDITIONAL TOYOTA CONVERTERS

	ADDITIONAL TOYOTA CONVERTERS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/8	26	1.257"	1.500" SLOTS	6 PADS	YES	
1.500" SLOTTED HUB 1.570" LONG, 38 SPLINE STATOR, 1.257" PILOT 1.140" LONG, 6 MOUNTING PADS .325" THICK ON 9" BOLT CIRCLE WITH 9 X 1.25 THREADS, CLUTCH TYPE UNIT, INK CODE: 40A980, METAL STAMP 16U BY PILOT							

	ADDITIONAL TOYOTA CONVERTERS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	



CAUTION: CHECK THE LENGTH OF YOUR CONVERTER BOLTS TO PREVENT DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE, VOIDING ALL WARRANTY PLUS LOSS OF CORE



CONSOLIDATED VEHICLE CONVERTERS



VOLVO



BORG WARNER 35, 37, 41, 44

ALL WITH 22 SPLINE INPUT SHAFT

	VO1						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	22	.750"	DRIVE EARS	4 HOLE RING	NONE	
WITH COOLING FINS 10 1/16" MOUNTING RING STEPPED TO 9 1/8"							



	VO2						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	22	.750"	DRIVE EARS	4 HOLE RING	NONE	
ID CODE: 30, 93, 139							



	VO3						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	22	.750"	DRIVE EARS	4 HOLE RING	NONE	
WITH COOLING FINS 9 13/16" MOUNTING RING STEPPED TO 9 1/4"							

	VO5A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	22	.750"	DRIVE EARS	4 LUGS	NONE	
WITH COOLING SHROUD ID CODE: 17							

BORG WARNER 35, 37, 41, 44

ALL WITH 23 SPLINE INPUT SHAFT



	VO4						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	23	.750"	DRIVE EARS	4 LUGS	NONE	
MOUNTING LUGS 1/2" TALL ID CODE: 113							



	VO5						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	12"	23	.750"	DRIVE EARS	4 LUGS	NONE	
WITH COOLING SHROUD MOUNTING LUGS 1/2" TALL ID CODE: 6009, 6011, 6039							



CONSOLIDATED VEHICLE CONVERTERS



VOLVO

AW55, BW55



	V06						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	1.575"	1.500" SLOTS	4 HOLE RING	NONE	
WITH COOLING SHROUD EXTENDED MTG RING, 10 1/4" BOLT CIRCLE ID CODE: 5011, 5019							

	V07						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.750"	1.500" SLOTS	4 HOLE RING	NONE	
WITH COOLING SHROUD EXTENDED & STEPPED MTG RING 8 1/2" BOLT CIRCLE							

	V08						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.945"	1.500" SLOTS	3 HOLE RING	NONE	
WITH COOLING SHROUD PILOT 2 1/2" LONG ID CODE: 5009							

	V09						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.750	1.500" SLOTS	4 LUGS	NONE	
WITH COOLING SHROUD 8 1/2" BOLT CIRCLE ID CODE: 5007, 5015, 5021							

	V09A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"		.750"	DRIVE EARS	4 HOLE RING	NONE	
WITH COOLING FINS 9.062" MTG RING STEPPED TO 8.285" 7 1/2" BOLT CIRCLE							

	V016						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/2"	26	.750"	1.500" SLOTS	4 HOLE RING	NONE	
EXTENDED MTG RING NO LINE UP PIN ID CODE: 5009							

CONSOLIDATED VEHICLE CONVERTERS



VOLVO



4T65E

2000 S80, 2.9L
1999-02 S80, 2.5L, 2.7L



ID CODE: FLTV
ID CODE: FMVV



BU55HS
BU55

	BU55						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 5/8"	27 INPUT 27 STATOR	.825" 1.210" LONG	NO DRIVE	6 PADS	GRAPHIC WOVEN	
<p>NO DRIVE ON 1.790" HUB 6 MTG PADS ON 9 5/8" BOLT CIRCLE ID CODE: FMVV, 24211944</p>							

	BU55HS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 5/8"	27 INPUT 27 STATOR	.825" 1.210" LONG	NO DRIVE	6 PADS	GRAPHIC WOVEN	
<p>NO DRIVE ON 1.790" HUB 6 MTG PADS ON 9 5/8" BOLT CIRCLE ID CODE: FLTV, 24211943</p>							

A40, A42D, A43D



	VO18						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.750"	1.500" SLOTS	4 HOLE RING	NONE	
<p>9" MOUNTING RING, HIGH STALL 8 1/2" BOLT CIRCLE ID CODE: STAMPED M BY PILOT, XGG ON PILOT END</p>							



	VO19						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	.750"	1.500" SLOTS	4 HOLE RING	NONE	
<p>9" MOUNTING RING LOW STALL 8 1/2" BOLT CIRCLE</p>							

AW40 (A341E) AW30-40LE

1992-93 VOLVO 960 WAGON, 2.9L
UNKNOWN

VO29
VO29LS

	VO29						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	.825"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
<p>PILOT 1 5/8" LONG, PADS 9/16" TALL 9 9/16" BOLT CIRCLE, HIGH STALL ID CODE: PINK CIRCLE GREEN DOT</p>							



	VO29LS						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	.825"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
<p>PILOT 1 5/8" LONG, PADS 9/16" TALL 9 9/16" BOLT CIRCLE, LOW STALL, 6J ON PILOT TIP ID CODE: WHITE DOT, INK CODE: 10X, 20A050</p>							



CONSOLIDATED VEHICLE CONVERTERS



VOLVO

AW70, AW71, A341E



1984	VOLVO 760 GLE	VO23
1986	240DL	VO19
1987	VOLVO WAGON 4 CYL	VO20
1987	VOLVO 760 GLE V6, 2.8L	VO22
1989	VOLVO 240 2.3L	VO19
1990	VOLVO 740GL 2.3L, 745 WAGON 4 CYL	VO21
1991	VOLVO 960 2.9L	VO30
1993	VOLVO 740 2.3L TURBO & 940 WAGON 2.3L TURBO	VO20

	VO20						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	.750"	1.500" SLOTS	4 PADS	YES	
8 1/2" BOLT CIRCLE, HIGH STALL ID CODE: BLUE & PINK DOTS STAMPED 9F, 9J ON PILOT TIP							

	VO21						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	26	.750"	1.500" SLOTS	4 PADS	YES	
8 1/2" BOLT CIRCLE LOW STALL METAL STAMP OD PILOT SIDE							

	VO22						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10"	26	1.575"	1.500" SLOTS	4 HOLE RING	NONE	
EXTENDED MOUNTING RING 10 1/8" BOLT CIRCLE							









	VO23						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	26	1.575"	1.500" SLOTS	4 HOLE RING	NONE	
EXTENDED MOUNTING RING 10" BOLT CIRCLE							

	VO30						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20	1.375"	1.500" SLOTS	6 PADS 8 X 1.25	YES	
9 3/4" BOLT CIRCLE ID CODE: RED CIRCLE RED DOT, 8U, PINK DOT							

CONSOLIDATED VEHICLE CONVERTERS

VOLVO

ZF4-HP14 / 22

	VO10						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 3/4"	27	.750"	1.500" SLOTS	4 HOLE RING	YES	
FICHTEL & SACHS WITH 4 LINE UP HOLES 9 3/4" BOLT CIRCLE ID CODE: C3, U3 NEXT TO PILOT G							
	VO11						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	1.040" .945"	1.500" SLOTS	3 HOLE PLATE	YES	
FICHTEL & SACHS, PILOT 1 7/8" LONG .100" PLATE WITH 3 NOTCHES & 2 LINE UP HOLES 10" BOLT CIRCLE ID CODE: C2, N3							
	VO13						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	.945"	1.500" SLOTS	3 HOLE PLATE	YES	
9 3/4" BOLT CIRCLE ID CODE: C2, N3							
	VO15						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	.945"	1.500" SLOTS	3 LUGS	YES	
9 3/4" BOLT CIRCLE ID CODE: C2, N3							
	VO25						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11"	27	.750"	1.500" SLOTS	4 PADS	YES	
4 MTG PADS HELD BY PLATES 8 1/2" BOLT CIRCLE ID CODE: U3							
	VO26						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 3/4"	27	.945"	1.500" SLOTS	3 PADS	YES	
3 MOUNTING PADS 2 TAPPED HOLES EACH 9 3/4" BOLT CIRCLE ID CODE: J8							
	VO31						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	9 3/4"	29	1.572"	SLOTS	4 PADS 8 X 1.25	OD	
38 SPLINE STATOR 25 SPLINE OVERDRIVE 7 7/8" BOLT CIRCLE ID CODE: M8							



CONSOLIDATED VEHICLE CONVERTERS

VOLVO

AW 50-40, AW50-42LE

1993-97 VOLVO 850, 2.4L

VO33

	VO33						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	10 1/4"	26	.825"	1.500" SLOTS	6 PADS	YES	
9 5/8" BOLT CIRCLE ID CODE: Q2, HO6, 16U, 021S, 40A020							

AW 50-42LE



1998 VOLVO C70, 2.4L TURBO
 2000 VOLVO V70, S70, CROSS COUNTRY



VO35
VO34



AW 50-55



2000 VOLVO S40, 1.9L
 2001 VOLVO S60, 2.4L TURBO

VO34
VO34



	VO34						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	20 INPUT 38 STATOR	.825" 1.245" LONG	1.500" SLOTS	6 PADS 8MM	YES	
6 MTG PADS .310" THICK ON 9 5/8" BOLT CIRCLE INK CODE: 43A012, 43A030, 43A240 ID CODE: BLUE DOT ON PRIMARY, METAL STAMP: 431, 433 ON PRIMARY, 5, Y51 ON COVER							

	VO34A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	20	.825"	1.500" SLOTS	6 PADS	YES	
REDUCED PRIMARY, 8MM THREADS, 9 1/4" BOLT CIRCLE, INK CODE: 43A080 43A090 METAL STAMP: Y51, 433 ON COVER							

	VO35						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	26	.825" 1.245" LONG	1.500" SLOTS	6 PADS	YES	
.310" THICK MOUNTING PADS, 9 5/8" BOLT CIRCLE ID CODE: 355870, 42A020, STAMPED 5 ON PILOT END BLUE DOT ON PRIMARY							

	VO35A						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/4"	26	.825"	1.500" SLOTTED	6 PADS	YES	
REDUCED PRIMARY, 8 X 1.25 THREADS ON 9 1/4" BOLT CIRCLE ID CODE: 42A050							

ADDITIONAL VOLVO CONVERTERS

	VO27						
	DIA	SPLINE	PILOT	HUB	MTG	CLUTCH	
	11 1/2"	20 INPUT 38 STATOR	.825/.715 1.170" LONG	1.500" SLOTS	6 PADS 8 X 1.25	YES	
MTG PADS .600" THICK 9 5/8" BOLT CIRCLE ID CODE: 20A50							

CAUTION: CHECK THE LENGTH OF YOUR CONVERTER BOLTS TO PREVENT DAMAGE TO THE CONVERTER CLUTCH AND/OR CLUTCH SURFACE, VOIDING ALL WARRANTY PLUS LOSS OF CORE

It's a System: THE CORRECT ATF IS IMPORTANT

by Robert King
Senior Research Engineer, University of Dayton Research Institute

Torque converter clutches (TCC) have been around since the mid to late seventies. The primary purpose of the TCC is to assist with improving fuel economy by providing a mechanical lockup to the transmission. The secondary function is to provide torsional damping to the driveline. The original design only required the TCC to be either fully applied or released using inputs from the throttle position switch, speed of the vehicle and manifold absolute pressure sensor. Engagement only occurred above approximately 35 MPH while the vehicle was cruising in the final dive gear.

Over the past several years automotive manufactures have increased the breadth of the engagement cycle using calibrated computer controls. This allows the TCC to be partially applied (slipping) at lower speeds and in different gears along with full lockup at cruising speeds which accounts for additional fuel economy. The newer computer controlled TCC systems present some formidable problems for the design engineers and system calibrators. New friction materials containing carbon particles or carbon weave were developed to provide the required performance and durability to survive in the elevated temperature environments. The computer controlled TCC requires automatic transmission fluids with special modifier packages to enhance the durability and performance of the latest generation friction materials.

Each manufacturer developed their own TCC systems which includes (in most cases) automatic transmission fluid specifically developed for their applications. Substituting alternate fluids for the recommended fluid may cause performance problems (chatter, reduced friction material torque capacity) and/or durability problems (reduced friction material life due to heat glazing and/or accelerated wear). The new systems are so smooth when working properly; there application is transparent to the driver. The owner of the vehicle may not be happy if after having his converter replaced he starts noticing the torque converter clutch engagements. Remember the torque converter clutch is part of a system comprising of the friction material, automatic transmission fluid, and calibrated computer controls. Using the correct automatic transmission fluid may alleviate unnecessary converter replacements and unhappy customers.