

TOYOTA A40 SERIES RWD

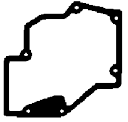
ISUZU, VOLVO, MITSUBISHI



Transmission
A40D



Transmission
A42D, A43D,
AW70, AW71



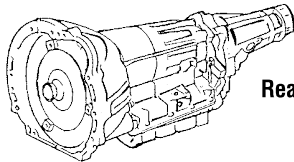
Transmission
A43DE,
A46DE



Transmission
A42DL, A43DL,
A44DL, A45DL,
A45DF

See End Of This Section For
Additional Illustrations &
Identification Information

| TOYOTA — REAR WHEEL DRIVE | | MITSUBISHI — REAR WHEEL DRIVE | |
|---|-------|--|-------|
| A40, A41, A43 - 3 Spd. | | A44D, RAM 50, AW372 - 4 Spd., | |
| A40D, A42D, A43D, A44D - 4 Spd. Overdrive | | AW3072L, A44DL - 2WD | 87-Up |
| A42DL, A43DE, A43DL - 4 Spd. Overdrive - L/U (DE w/Electronic Controls) | | A44D - Raider, Montero - 4WD | 83-84 |
| A44DL - Van - 4 Spd. Overdrive - L/U | 83-Up | KM148 - 4WD - Van | 87-Up |
| A45DF (4WD), A45DL (2WD) - Van | 87-Up | | |
| A46DE - Previa Van | 91-Up | | |
| VOLVO — REAR WHEEL DRIVE | | GEO/SUZUKI | |
| AW55 (Japan Built), BW55 (England Built) - 3 Spd. | | A44DE - Tracker, Sidekick, X-90 | 92-Up |
| AW70, AW71 - 4 Spd. Overdrive | | | |
| AW70L, AW72L - 4 Spd. Overdrive w/Lock Up | | CHRYSLER | |
| | | A44D - D50 Pickup, Raider | 87-89 |
| ISUZU — REAR WHEEL DRIVE | | MAZDA | |
| A40 - 3 Spd., I-Mark, Pickup | 81-Up | A44DE - Miata | 98-99 |
| A42D, A43D - 4 Spd. Overdrive, Impulse | 83-87 | KIA | |
| A44DL - Impulse - Pickups, Amigo | 85-Up | A44DE (03-72LE) - Sportage | 97-98 |



Rear Wheel Drive

IMPORTANT NOTE

Due to the variety of kits available to service Toyota A40 series, and the mid-production changes, it is imperative that proper identification is made. Please read **ALL** footnotes, prior to ordering, to avoid error.

| ILL. | DESCRIPTION | QTY. | YEAR | PART NO. | REFERENCE NO. |
|---|--|------|---------|----------|---------------|
| MASTER OVERHAUL KITS (WITH STEELS) | | | | | |
| 006E | A40, A41, A43 | 1 | 73-Up | 57006AF | K4600 |
| 006E | A40D, A42D, A43D, A44D..... | 1 | 76-Up | 57006CCF | K4600D |
| 006E | A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL | 1 | 8/81-Up | 57006HCF | K4600F/G |
| 006E | A46DE, A46DF..... | 1 | 90-95 | 57006PF | K4600H |
| 006E | AW55 | 1 | 73-Up | 57006AF | K4600 |
| 006E | AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074) | 1 | 76-Up | 57006CCF | K4600D |
| 006E | AW70L, AW71L, AW72L (Lock-up) | 1 | 8/81-Up | 57006HCF | K4600F |
| 006E | BW55 (Volvo) | 1 | 74-81 | 57006YF | K4600A |
| LESS STEEL KITS | | | | | |
| 004E | A40, A41, A43 | 1 | 73-Up | 57004AF | K4600-LS |
| 004E | A40D, A42D, A43D, A44D..... | 1 | 76-Up | 57004CCF | K4600D-LS |
| 004E | A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL | 1 | 8/81-Up | 57004HCF | K4600F/G-LS |
| 004E | A46DE, A46DF..... | 1 | 90-95 | 57004PF | K4600H-LS |
| 004E | AW55 | 1 | 73-Up | 57004AF | K4600-LS |
| 004E | AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074) | 1 | 76-Up | 57004CCF | K4600D-LS |
| 004E | AW70L, AW71L, AW72L (Lock-up) | 1 | 8/81-Up | 57004HCF | K4600F-LS |
| 004E | BW55 (Volvo) | 1 | 74-81 | 57004YF | K4600A-LS |
| OVERHAUL KITS (W/ RINGS & SEALS) | | | | | |
| 002E | A40, A41, A43 | 1 | 73-Up | 57002AF | K46900 |
| 002E | A40D, A42D, A43D, A44D..... | 1 | 76-Up | 57002CCF | K46900D |
| 002E | A42DE, A42DL, A43DE, A43DL, A44DE, A44DL, A45DL | 1 | 8/81-Up | 57002ECF | K46900F |
| 002E | A46DE, A46DF..... | 1 | 90-95 | 57002ECF | K46900F |
| 002E | AW55 | 1 | 73-Up | 57002AF | K46900 |
| 002E | AW70, AW71, AW72 (Non Lock-up) (Volvo - Add 29074) | 1 | 76-Up | 57002CCF | K46900D |
| 002E | AW70L, AW71L, AW72L (Lock-up) | 1 | 8/81-Up | 57002ECF | K46900F |
| 002E | BW55 (Volvo) | 1 | 74-81 | 57002YF | K46900A |

| ILL. | DESCRIPTION | QTY. | YEAR | PART NO. | REFERENCE NO. |
|------------------------------------|--|------|---------|----------|---------------|
| FILTER KITS | | | | | |
| 011I | A40, A41, A43, AW55, BW55 | 1 | 73-Up | 57011A | FK46800 |
| 011I | A40D | 1 | 76-Up | 57011C | FK46800A |
| 011I | A42D, A43D, A44D, AW70, AW71, AW72 | 1 | 76-Up | 57011D | FK46800D |
| 011I | A42DL, A43DL, A44DL, A45DL, A45DF..... | 1 | 8/81-Up | 57011E | FK46800B |
| 011I | A43DE, A44DE, A46DE | 1 | 83-Up | 57011H | FK46800C |
| FILTERS (see photos pg 570) | | | | | |
| 010I | A40, A41, A43, AW55, BW55 | 1 | 73-Up | 57010A | 46800 |
| 010I | A40D | 1 | 76-Up | 57010C | 46800A |
| 010I | A42D, A43D, A44D, AW70, AW71, AW72 | 1 | 76-Up | 57010D | 46800D |
| 010I | A42DL, A43DL, A44DL, A45DL, A45DF..... | 1 | 8/81-Up | 57010E | 46800B |
| 010I | A43DE, A44DE, A46DE | 1 | 83-Up | 57010H | 46800C |
| BUSHINGS | | | | | |
| 030E | Bushing Kit, A40, A41, A43, AW55..... | 1 | 73-Up | 57030A | K46901 |
| 030E | Bushing Kit, A40D, A42D Series, AW70..... | 1 | 78-Up | 57030D | K46901A |
| 030E | Bushing Kit, A43D, A44D, A45D, A46D Series, AW71..... | 1 | 80-Up | 57030DA | K46901B |
| 034A | Pump Body..... | 1 | 73-Up | 57034A | 46001 |
| 036A | Stator (Front & Rear) .848" ID .384" Wide (Babbitt)..... | 1-2 | 73-Up | 57036A | 46007 |
| 036A | Stator (Front & Rear) .848" ID .680" Wide (Bronze) | 1-2 | 73-Up | 57036C | 46007A |
| 040A | Overdrive Drum (Front) (No Groove)..... | 2 | 73-Up | 57040C | 46010 |
| 040A | Overdrive Drum (Rear) (w/ Groove)..... | 2 | 73-Up | 57040J | 46010A |
| 042F | Overdrive Planet (Pilot)..... | 1 | 73-Up | 57042C | 46011 |
| 044H | Center Support (1.040" Wide)..... | 1 | 73-Up | 57044A | 46004 |
| 052D | Sun Gear Shaft (.384" Wide)..... | 2 | 73-Up | 57036A | 46007 |
| 052D | Sun Gear Shaft (.680" Wide)..... | 2 | 73-Up | 57036C | 46007A |
| 062I | Output Shaft..... | 1 | 73-Up | 57062A | 46005 |
| 064E | Case (can use 12034)..... | 1 | 73-Up | 12034 | 12502 |
| 066I | Extension Housing (1.53" OD, 1.37" ID, 1.20" Tall)..... | 1 | 73-Up | 119066 | 19002X |
| 066I | Extension Housing (1.53" OD, 1.37" ID, 1.82" Tall) (Isuzu) | 1 | 81-85 | 57066AE | 46006A |
| 066I | Extension Housing (1.67" OD, 1.49" ID, 1.20" Tall)..... | 1 | 73-Up | 57066A | 46006 |
| 066I | Extension Housing (1.67" OD, 1.49" ID, 1.82" Tall) (Isuzu) | 1 | 86-Up | 57066AF | 46006B |
| 066I | Extension Housing (1.73" OD, 1.54" ID, 1.37" Tall)..... | 1 | 73-Up | 57066J | 46006C |
| METAL CLAD SEALS | | | | | |
| 070A | Front..... | 1 | 73-Up | 57070A | 46200B |
| 072I | Linkage..... | 2 | 73-Up | 57072A | 46202 |
| 074I | Rear (38mm x 58mm x 11mm) A40, A41, A43 (Toyota)..... | 1 | 73-Up | 57074A | 42201A |
| 074I | Rear (35mm x 49.2mm x 11mm) A40D, A42D, A43D (Isuzu)..... | 1 | 81-85 | 57074AD | 46201 |
| 074I | Rear (38.5mm x 49.2mm x 8mm) A42D, A42DL, AW71 (Isuzu) | 1 | 86-Up | 57074D | 46201A |
| 074I | Rear (39.5mm x 57.1mm x 13.2mm) A44D, A44DL (Mitsubishi) | 1 | 73-Up | 57074J | 46201B |
| 074I | Rear (36mm x 49.5mm x 11mm) AW55, BW55, AW70-72 (Volvo) | 1 | 73-Up | 29074 | 47201A |
| 078I | Speed-O Shaft (Exc. Volvo) | 1 | 73-Up | 57078A | 46203 |
| 078I | Speed-O Shaft (Volvo)..... | 1 | 81-Up | 57078Y | 46203A |
| FRICION PLATES | | | | | |
| 100B | Overdrive Brake (.067") (33 T) | 3 | 82-Up | 67100A | 75102 |
| 100B | Overdrive Brake (.091") (24 T) | 3 | 73-Up | 57102A | 46100A |
| 100B | Overdrive Brake (.091") (44 T) | 3 | 79-81 | 57102B | 46105 |
| 102F | Overdrive (Direct)..... | 1 | 73-Up | 57102AA | 46100 |
| 104H | Intermediate (Brake #2) (.091")..... | 2-3 | 73-Up | 57102AA | 46100 |
| 104H | Intermediate (Brake #2) (.080")..... | 2-3 | 85-Up | 57102A | 46100A |
| 105C | Intermediate Overrun (Brake #1)..... | 1-3 | 73-Up | 57102AA | 46100 |
| 106C | Direct..... | 3-4 | 73-Up | 57102AA | 46100 |

TOYOTA A40 SERIES RWD

ISUZU, VOLVO, MITSUBISHI

| ILL. | DESCRIPTION | QTY. | YEAR | PART NO. | REFERENCE NO. |
|---------------------------------|---|------|-------|----------|---------------|
| FRICITION PLATES (Cont.) | | | | | |
| 108G | Forward (.080") | 3-4 | 81-97 | 57102A | 46100A |
| 108G | Forward (.091") | 3-4 | 73-Up | 57102AA | 46100 |
| 114D | Low & Reverse (Brake #3) (16 T) | 4-5 | 73-Up | 57114A | 46103 |
| STEEL PLATES | | | | | |
| 120B | Overdrive Brake (.071") (8 Short T) | 2-3 | 77-Up | 57122AA | 46102 |
| 120B | Overdrive Brake (.071") (8 Long T) | 4 | 81-97 | 57124AA | 46101 |
| 120B | Overdrive Brake (.078") (7 T) | 2-3 | 81-Up | 57124D | 46107A |
| 120B | Overdrive Brake (.091") (7 T) | 1-3 | 84-Up | 57124E | 46107B |
| 120B | Overdrive Brake (.158") (7 T) Mitsubishi | 3 | 95-Up | 57122G | N/A |
| 122F | Overdrive (Direct) (.055") | 1 | 90-97 | 57122Q | 46102D |
| 122F | Overdrive (Direct) (.071") | 1-2 | 77-Up | 57122AA | 46102 |
| 122F | Overdrive (Direct) (.079") | 1 | 88-97 | 57122A | 46101B |
| 124H | Intermediate (Brake # 2) (.071") (8 Long T) | 2-4 | 73-Up | 57124AA | 46101 |
| 124H | Intermediate (Brake # 2) (.078") (8 Short T) | 1-3 | 80-Up | 57124A | N/A |
| 124H | Intermediate (Brake # 2) (.091") (8 T) | 3 | 74-Up | 57124B | 46101A |
| 124H | Intermediate (Brake # 2) (.118") (8 T) | 2 | 85-Up | 57124C | 46101D |
| 125C | Overrun (Brake # 1) (.071") (8 Long T) | 1-3 | 73-Up | 57124AA | 46101 |
| 125C | Overrun (Brake # 1) (.078") (8 Short T) | 1-3 | 73-Up | 57124A | N/A |
| 126C | Direct (.071") | 2-3 | 73-Up | 57122AA | 46102 |
| 126C | Direct (.078") | 3-4 | 80-Up | 57122A | 46101B |
| 126C | Direct (.091") | AR | 73-Up | 57122QA | 46102B |
| 128G | Forward (.055") | 1-4 | 81-Up | 57122AB | 46102A |
| 128G | Forward (.071") | 3-4 | 73-Up | 57122AA | 46102 |
| 128G | Forward (.078") | 3-4 | 80-Up | 57122A | 46101B |
| 128G | Forward (.091") | AR | 73-Up | 57122QA | 46102B |
| 134D | Low & Reverse (Brake # 3) (Exc. A46DE, DF) | 4 | 73-Up | 57134A | 46104 |
| 134D | Low & Reverse (Brake # 3) (A46DE, DF) | 4 | 73-Up | 57134Q | N/A |
| SEALING RINGS | | | | | |
| 175E | Ring Kit, A40, A41, A43, AW55, BW55 | 1 | 73-Up | 57175A | K46300H |
| 175E | Ring Kit, A40D to A46DE | 1 | 76-Up | 57175C | K46300G |
| 175E | Ring Kit, A42D to A45DL | 1 | 82-Up | 57175H | K46300F |
| 175E | Ring Kit, BW55 | 1 | 73-Up | 57175Y | K46300A |
| GASKETS & O-RINGS | | | | | |
| 300I | Gasket, Bottom Pan (Cork) | 1 | 73-Up | 57300A | 13400X |
| 300I | Gasket, Bottom Pan (Fiber) | 1 | 73-Up | 57300AF | 13400F |
| 305I | Gasket, Extension Housing | 1 | 73-Up | 57305A | 13402 |
| 311A | D-Ring, Pump (D Ring) | 1 | 73-79 | 57311A | 13401 |
| 311A | O-Ring, Pump (O Ring) | 1 | 79-Up | 57311AA | 13401A |
| 311A | O-Ring, Overdrive Housing to Case | 1 | 73-Up | 57311C | N/A |
| 326I | Filter Gasket, A40, A41, A43, BW55 | 1 | 73-Up | 57326A | 13407 |
| 326I | Filter Gasket, A40D | 1 | 73-Up | 57326C | 13407A |
| 326I | Filter Gasket, A42D | 1 | 73-Up | 57326D | 13407D |
| 326I | Filter Gasket, A42DL, A43DL | 1 | 73-Up | 57326E | 13407B |
| 326I | Filter Gasket, A43DE | 1 | 73-Up | 57326H | 13407C |
| TECHNICAL MANUALS | | | | | |
| 400E | Tech Manual, A40 Series | 1 | 73-Up | 57400A | 46Y01 |
| ELECTRICAL COMPONENTS | | | | | |
| 427 | Solenoid, Overdrive A42D, A43D (Mounts on Side of Case) | 1 | 83-Up | 57427P | N/A |

| ILL. | DESCRIPTION | QTY. | YEAR | PART NO. | REFERENCE NO. |
|--|--|------|-------|----------|---------------|
| HARD PARTS | | | | | |
| Prefix Key: D = OEM, A = Aftermarket New, R = Remanufactured | | | | | |
| PUMPS | | | | | |
| 500A | Pump (2 15/16" Long Stator) (A42DL, 43DE, 43DL, 44DL)..... | 1 | 81-Up | 57500E | N/A |
| 500A | Pump (3 5/8" Long Stator) (A43D, 44D)..... | 1 | 76-Up | 57500SA | N/A |
| DRUMS & CLUTCH HUBS | | | | | |
| 554G | Forward Drum w/ Shaft, A40..... | 1 | 73-Up | 57554A | 46921 |
| 555C | Direct Drum, A40, A40D, BW55 | 1 | 73-Up | 57555A | N/A |
| 555C | Direct Drum, A40D, A43DE, A44D..... | 1 | 73-Up | 57555CA | N/A |
| SPRAGS | | | | | |
| 650F | Overdrive (18 Elements)..... | 1 | 79-81 | 57652D | 46502A |
| 650F | Overdrive (20 Elements)..... | 1 | 81-Up | 57650D | 46502B |
| 650F | Overdrive (22 Elements)..... | 1 | 87-Up | 57650R | 46502C |
| 652D | Intermediate (18 Elements) | 1 | 73-Up | 57652D | 46502A |
| 654D | Low (3 Speeds) | 1 | 73-81 | 57654A | 46503 |
| 654D | Low (4 Speeds Exc. 44DL)..... | 1 | 81-Up | 57654B | 46503B |
| 654D | Low (4 Speeds 44DL)..... | 1 | 85-Up | 57654J | 46503C |
| VALVE BODIES | | | | | |
| 740E | Valve Body, A43DE..... | 1 | 73-Up | 57740H | N/A |
| 740E | Valve Body, A44DL..... | 1 | 73-Up | 57740R | N/A |
| 741E | Boost Valve & Sleeve, .432" (A43DE) | 1 | 73-Up | 57741FA | K46971A |
| 741E | Boost Valve & Sleeve, .404" (A43DE) | 1 | 73-Up | 57741FB | K46971B |
| 741E | Boost Valve & Sleeve, .445" (A43DE) | 1 | 73-Up | 57741F | K46971 |
| MISCELLANEOUS COMPONENTS | | | | | |
| 245 | Thrust Plate, Intermediate Sprag..... | 1 | 73-Up | 57245 | 46504 |
| 529A | Stator Shaft, A41, A42DL, A43D, A43DL, A44D..... | 1 | 73-Up | 57529B | 46969 |
| NOTES | | | | | |
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TOYOTA A40

TOYOTA A40 SERIES RWD

ISUZU, VOLVO, MITSUBISHI

As an additional verification, the Filter Gaskets have been illustrated for each A40 Series model to assist in identification of transmission. Filter Gaskets are included in the Filter Kits.

A40, A41, A43, AW55, BW55



Filter
57010A

A40D



Filter
57010C

A42D, A43D, A44D, AW70, AW71



Filter
57010D

A43DE, A44DE, A46DE



Filter
57010H

A42DL, A43DL, A44DL, A45DL, A45DF



Filter
57010E



57326C
A40D



57326D
A42D, A43D,
AW70, AW71



57326H
A43DE, A46DE



57326G
A42DL, A43DL,
A44DL, A45DL, A45DF

Toyota transmissions can be identified by two methods. One is by transmission model on the tag, the other by the 3rd digit in the transmission serial number.

SERIAL NO. IDENTIFICATION
(See example below)



| | |
|----------------------|---------------|
| Asian Warner | |
| TOYOTA | |
| Model | |
| Engine | |
| Trans. Tag. | 03-55 |
| Serial No, 3rd Digit | 9J (A) XXXXXX |

{ First numerical is year of production = 9 is 1979.
Second letter is month of production = J is October
Third letter is type of transmission = A is A40

| TRANS TAG I.D. IDENTIFICATION | 3RD DIGIT SERIAL NO. | TRANSMISSION TYPE |
|-------------------------------|----------------------|-------------------|
| 03-50 | B | A40D |
| 03-51 | B | A40D |
| 03-55 | A | A40 |
| 03-56 | D | A41 |
| 03-60 | B | A40D |
| 03-70 | C | A42D |
| 03-70L | — | A42DL |
| 03-71 | F | A43D |
| 03-71L | H | A43DL |
| 03-71LE | L | A43DE |
| 03-72 | P | A44D |
| 03-72L | P | A44DL, A45DL |
| 03-75 | — | A43 |
| 03-72 | AW372, KM148 | A44D |
| 03-72LE | — | A44DE |

TOYOTA REAR WHEEL DRIVE

| MODEL | YEAR | TRANSMISSION | DESCRIPTION |
|-------------|------------|--------------|-------------------------------|
| All 3 Speed | 8/72-77 | A40 | 3 Speed |
| Celica | 78-80 | A40 | 3 Speed |
| Celica | 1/79-7/85 | A40D | 4 Speed O.D. |
| Corolla | 78-82 | A40 | 3 Speed |
| Corolla | 82-83 | A40D | 4 Speed O.D. |
| Corolla | 83-84 | A41 | 3 Speed |
| Corolla | 8/83-Up | A42DL | 4 Speed O.D. w/Lock Up |
| Corona | 78-80 | A40 | 3 Speed |
| Corona | 81-82 | A40D | 4 Speed O.D. |
| Cressida | 78-80 | A40D | 4 Speed O.D. |
| Cressida | 8/80-8/82 | A43D | 4 Speed O.D. |
| Cressida | 8/82-7/84 | A43DL | 4 Speed O.D. w/Lock Up |
| Cressida | 8/84-8/86 | A43DE | 4 Speed O.D. w/Lock Up & E.C. |
| Pickups | 78-80 | A40 | 3 Speed |
| Pickups | 81-82 | A43, A43D | 3 & 4 Speed |
| Pickups | 83-Up | A43D | 4 Speed O.D. |
| Supra | 1/79-8/80 | A40D | 4 Speed O.D. |
| Supra | 8/80-7/82 | A43D | 4 Speed O.D. |
| Supra | 8/82-12/85 | A43DL | 4 Speed O.D. w/Lock Up |
| Supra | 83-Up | A43DE | 4 Speed O.D. w/Lock Up & E.C. |
| Van | 8/83-Up | A44DL | 4 Speed O.D. w/Lock Up |
| Van | 87-Up | A45DF | 4 Speed - 4WD |
| Van | 87-Up | A45DL | 4 Speed - 2 WD |
| Previa Van | 91-Up | A46DE | 4 Speed |

ISUZU IDENTIFICATION

| Year | Model | Toyota Type |
|-------|---------|-------------|
| 81-84 | I-Mark | A40 |
| 83-84 | Pickup | A40 |
| 83-84 | Impulse | A42D, A43D |
| 85-91 | Impulse | A44DL |
| 85-91 | Pickups | A44DL |

VOLVO IDENTIFICATION

| Year | Model | Toyota Type |
|-------|----------------------|-------------|
| 73-82 | AW55, BW55 - 3 Speed | A40 |
| 81-82 | AW70 - 4 Speed | A42D |
| 81-Up | AW71 - 4 Speed | A43D |
| 92-Up | AW70L | A42DL |
| 92-Up | AW72L | A43DL |

MITSUBISHI IDENTIFICATION

| Year | Model | Toyota Type |
|-------|----------------------------------|-------------|
| 87-Up | D50 Ram Truck - 2WD - AW372 | A44D |
| 87-Up | Raider, Montero - 4WD - KM148 | A44D |