

COOLER RETURN LINE CHART

| CHRYSLER / DODGE / RAM / JEEP | |
|-------------------------------|--|
| TRANSMISSION | LOCATION |
| AW4 | Rear |
| 41TE/TES SERIES | Front |
| 42LE | Top |
| 42RLE | Top |
| 45RFE/545RFE/65/66/68RFE | Bottom |
| F4A42/51 | Closest To Front Of The Transmission |
| NAG1 | Passenger Side Of Transmission |
| 62TE | Closest To Front Of Transmission |
| AS68/69RC | Front |
| 6F24 | Bottom |
| 845RE/870RE | Top |
| 948TE | Bottom |
| JF011E/CVT2 | Closest To Radiator From Oil To Water Cooler |
| JF015E/CVT7 | Closest To Back Of Transmission |
| MPS6/6DCT450 | 45° Pipe Closest Side Cover From External Filter |
| FORD | |
| 4R44E/55E/5R55E | Upper |
| 4R70/75W | Top |
| 4R100 | Rear |
| 4F27E | End Cover |
| CD4E | Line Closest To Pump |
| 5R55N/W/S | Top |
| 5R110W | Rear |
| FNR5 | Rear Fitting |
| 6R60/80 | Top |
| 6R140W-Torqshift 6 | Top |
| 6F35 | Top |
| 6F50 | Over Final Drive |
| AW21 (TF81SC) | Top |
| 8F35 | Right Side (Viewed From Rear Of Transmission) |
| 10R60/80 | Front |
| CFT30 | Rear (Arrow On Filter Housing) |
| GENERAL MOTORS | |
| 4L60E | Top |
| 4L80E | Lower Front |
| 4T45E | Lower Fitting |
| 4T65E | Bottom Of Case (Threaded End Pointing Down) |
| 4T80E | In Main Case |
| AW81-40LE | Closest To Top Of Transmission |
| 5L40E | Bottom |

COOLER RETURN LINE CHART

| GENERAL MOTORS...Continued | |
|----------------------------|---|
| TRANSMISSION | LOCATION |
| AF33-5 | Rear |
| ALLISON 1000/2000 | Top |
| 6T40 Series | Rear |
| 6T70 Series | Rear |
| 6L45/50/80/90 | Bottom |
| 8L45/90 | Rear |
| AF50-8 | Bottom |
| 9T45/50/60/65 | Right Side (Viewed From Rear Of Transmission) |
| 10L60/80/90 | Front (T-IN On Case) |
| ACURA / HONDA | |
| 5 SPEEDS | Over Differential |
| 6 SPEEDS | Back Of Transmission |
| HYUNDAI / KIA | |
| A4AF1/2 | Closest To Differential |
| F4A40/50 SERIES | Closest To The Front Of The Transmission |
| A4CF1/2 | Bottom |
| F5A51/A5GF1/A5HF1 | Front |
| A5SR1/2 | Rear |
| A6MF1/A6GF1/A6LF1/2/3 | Bottom |
| A8LR1/A8TR1 | Upper |
| ISUZU | |
| 4L30E | Rear |
| JR403E | Rear |
| AW450-43LE | Rear |
| A465 (AS68RC) | Front |
| MAZDA | |
| FN4A-EL | Rear |
| FS5A-EL | Rear |
| LA4A-EL | Line Closest To Pump |
| JA5A-EL | Bottom |
| AW6A-EL | Top |
| F6A-EL (JF613) | No Cooler Lines - Replace Warmer |
| R4A-EL/R4AX-EL | Rear |
| RCA4-EL (JR405E) | Divers Side |
| MERCEDES BENZ | |
| 722.6 | Passenger Side |
| 722.8 (CVT) | Top |
| 722.9 | Passenger Side |
| 725.0 9 G-TRONIC | Lower Front |
| 724.0 DCT | Bottom |

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COOLER RETURN LINE CHART

| JAGUAR / LAND ROVER | |
|--|--|
| Jaguar & Land Rover do not use their own transmissions, once the transmission in the vehicle is determined, look for that transmission under other makes with the same transmission. | |
| MINI COOPER | |
| VT1F CVT | Rear |
| TF60/61SN (with integral cooler) | No Cooler Lines - Replace Integral Cooler |
| TF60/61SN (with separate cooler) | Lower Rear |
| AWF8F45 | Bottom |
| MITSUBISHI | |
| F4AC1 (41TE) | Front |
| F4A5A (42LE) | Top |
| F4A51 | Closest To The Front Of The Transmission |
| F5A51 | Front |
| F5A5A (JF506E) | Bottom |
| JF011E (with integral cooler) | Fluid Line Closest To The Front Of Car On Oil/water Cooler |
| JF011E (with separate cooler) | Rear |
| JF016/17 | Front |
| DCT470 (SPS6) | 45° Fitting From Heat Exchanger |
| F/W6AJA (JF613E) | No Cooler Lines - Replace Warmer |
| R/V4A51/R/V5A51 | Front |
| MITSUBISHI FUSO | |
| M035A4 (AW450-43LE) | Rear |
| DUONIC DCT | Rear Or Inner Pipe |
| M036A6 (AS68RC) | Front |
| NISSAN / INFINITI | |
| RE4F04A/B (JF403E) | Rear |
| RE5F22A (AW50-55SN) | Rear |
| RE6F01A (JF613E) | Closest To Side Cover |
| RE0F08A/B (JF009E/CVT1) | Rear |
| RE0F10A/B (JF011E/CVT2) | Rear |
| RE0F09A/B (JF010E/CVT3) | Upper Rear |
| RE0F11A (JF05E/CVT7) | Lower Rear |
| RE0F10D/E/H/J (JF016E/JF017E/CVT8) | Upper Front |
| RE4R01A (JR402E) | Rear |
| RE4R03A (JR404E) | Rear |
| RE5R05A (JR507E) | Rear |
| RE6R01A (A466ND) | Front |
| RE7R01A (JR710E) | Rear |
| SAAB | |
| AW50-42LE | Line Below Pan |
| AW50-55SN | Rear |

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COOLER RETURN LINE CHART

| SAAB...Continued | |
|--------------------------|---|
| TF80SC | No Cooler Lines - Replace Integral Cooler |
| TF60SN | No Cooler Lines - Replace Integral Cooler |
| 4L60E | Top |
| 6T40 | Rear |
| 6T70 | Rear |
| SATURN | |
| TAAT | Line Closest To Spin-On Filter |
| VT25-E | Rear |
| MDRA/MDPA | Line Nearest Differential |
| AF17 (AW60-41SN) | Bottom |
| 4T45E | Lower |
| 4T65E | Bottom Of Case (Threaded End Pointing Down) |
| AF33-5 (AW55-50SN) | Rear |
| 6T40 | Rear |
| 6T75 | Rear |
| 5L40E | Bottom |
| SUBARU | |
| 4EAT | Rear |
| 5EAT | Bottom |
| LINEARTRONIC CVT (TR690) | Lower Line |
| LINEARTRONIC CVT (TR580) | Closest To The Front Of Transmission |
| SUZUKI | |
| AF13 (AW60-40LE) | Bottom |
| AF17 (AW60-41SN) | Bottom |
| AF22 (AW50-42LE) | Line Below Pan |
| ZF4HP16 | Line To Rear Cover |
| AF33-5 (AW55-50SN) | Rear |
| AW80-40LS (U440E) | Closest To Top Of Transmission |
| A44DE | Rear |
| JR507E (RE5R05A) | Rear |
| TOYOTA / LEXUS / SCION | |
| A140E/A240E | Bottom |
| A540E | Bottom |
| A245E/A246E | Bottom |
| AW80-40LS (U440E) | Closest To Top Of Transmission |
| U140E/U240E | Bottom |
| U151E/U250E | Bottom |
| U340E | Bottom |
| U660E/U760E | Top |
| U880E/F | Bottom |
| A340E | Rear |

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COOLER RETURN LINE CHART

| TOYOTA / LEXUS / SCION...Continued | |
|------------------------------------|---|
| A341E | Rear |
| A350E | Rear |
| A650E | Rear |
| A750E | Top |
| A760E | Top |
| A761E | Top |
| A960E | Top |
| AB60E | Top |
| AA80E | Front |
| VOLKSWAGON / AUDI / PORSCHE | |
| 01M/01N/01P | No Cooler Lines - Replace Integral Cooler |
| 01J CVT | Rear |
| 02E DSG | No Cooler Lines - Replace Integral Cooler |
| 09A | Bottom |
| 09G | No Cooler Lines - Replace Integral Cooler |
| AWF8F45 | Bottom |
| 09D | Rear |
| OC8 (TR80SD) | Front Line On Heat Exchanger |
| 0B5 (DL501) | Front Line On Cooler Line Connection Module |
| VOLVO | |
| 4T65E EV-GT | Bottom Of Case (Threaded End Pointing Down) |
| TF80SC | No Cooler Lines - Replace Integral Cooler |
| AW50-42LE | Line Below Pan |
| AW50-55SN | Rear |
| TG81LS | Bottom |
| ZF | |
| ZF5HP18 | Rear |
| ZF5HP19 | Bottom |
| ZF5HP24 | Bottom |
| ZF5HP30 | Bottom |
| ZF6HP19/21/26 | Top |
| ZF8HP45 | Front |
| ZF8HP55AF | Front Line To Heat Exchanger |
| ZF9HP48 | Bottom |

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