

2002 ENGINE COOLING

Specifications & Drive Belt Routing - MDX, RSX, 3.2CL, 3.2TL & 3.5RL

BLEEDING COOLING SYSTEM

Always bleed air from cooling system after replacing coolant. Set heater for maximum heat. Remove radiator cap. Drain coolant reservoir. Fill coolant reservoir to MAX mark with 50/50 water-coolant mixture. Loosen bleed bolt and fill radiator to base of filler neck. Close bleed bolt when coolant flows out without bubbles. Tighten bleed bolt. With radiator cap removed, start and operate engine to normal operating temperature. Add coolant if necessary and check for leaks.

DRIVE BELT ROUTING

NOTE: For drive belt routing, See Fig. 1 and Fig. 5 .

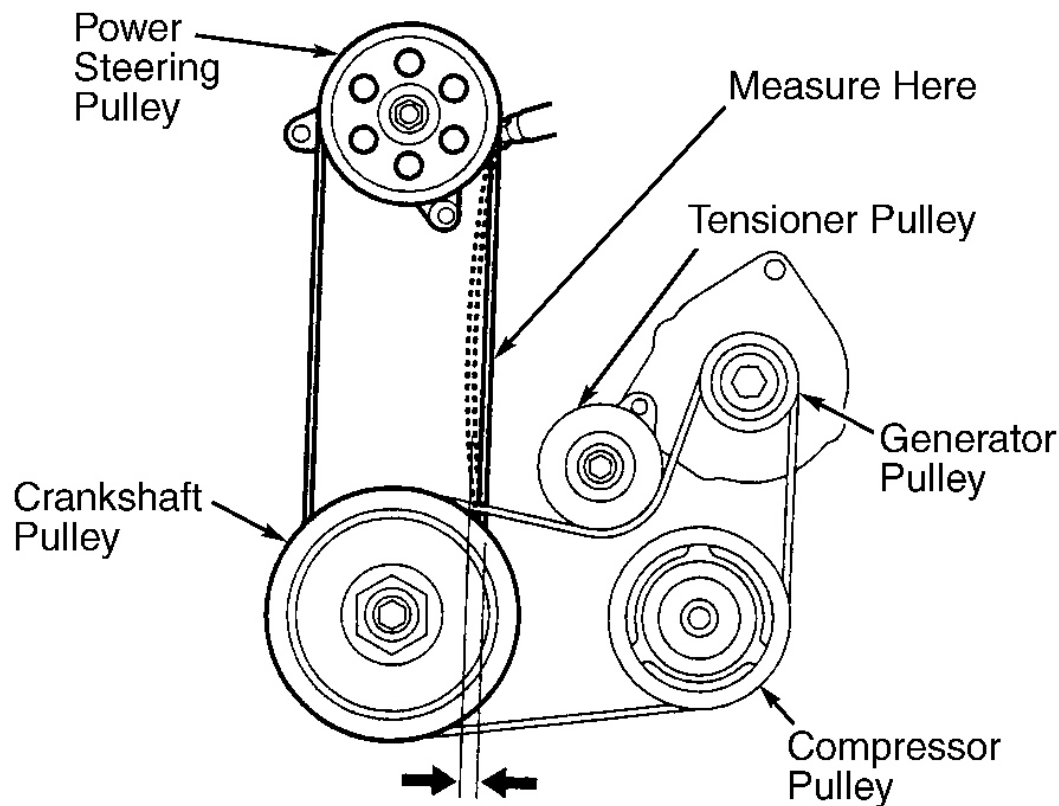


Fig. 1: Identifying Drive Belt Routing & P/S Adjustment Area (MDX, 3.2CL & 3.2TL)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

2002 Acura MDX

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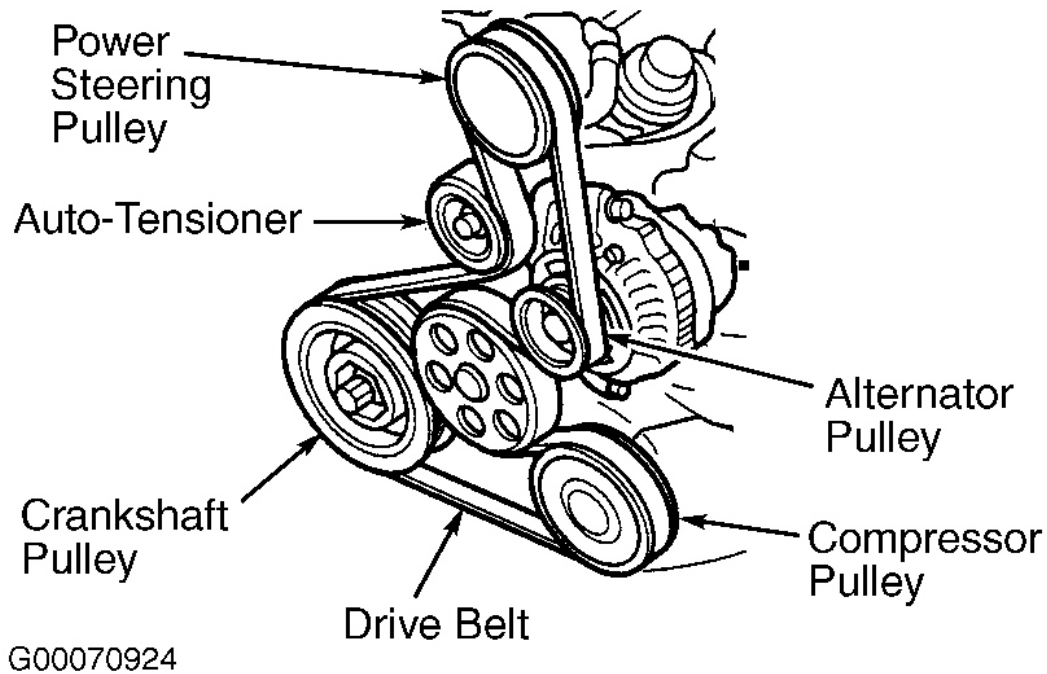


Fig. 2: Identifying Auto-Tensioner & Drive Belt Routing (RSX)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

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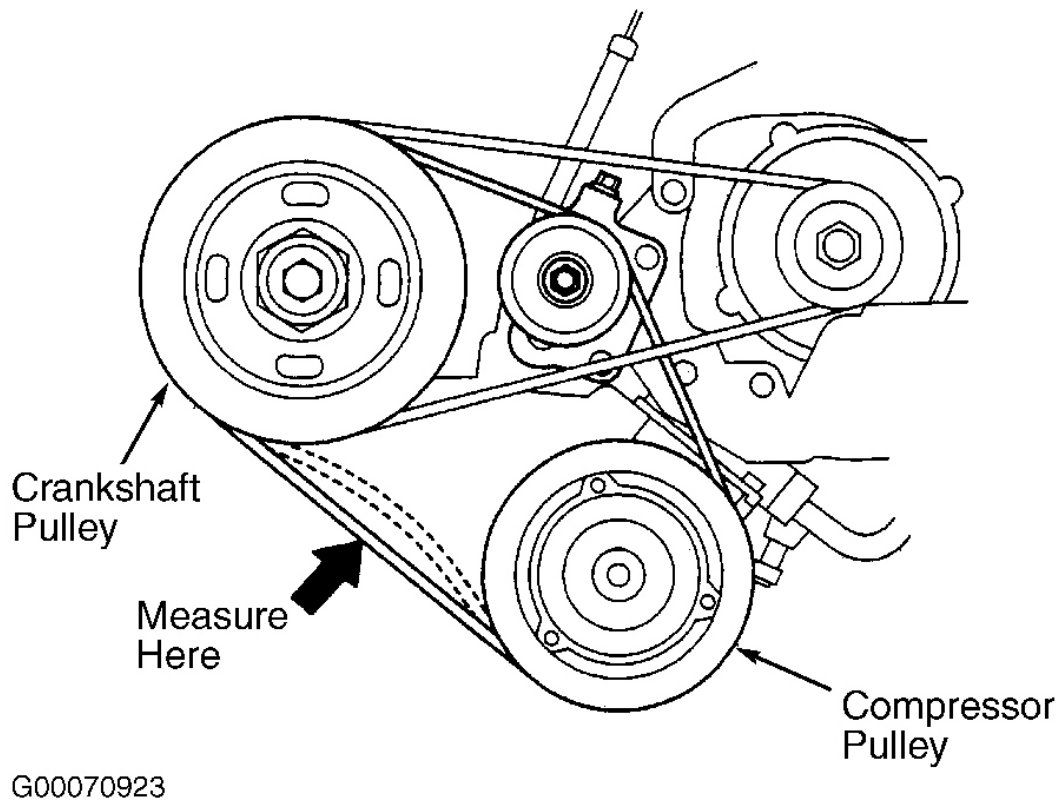


Fig. 3: Identifying A/C Compressor Drive Belt Routing & Adjustment Area (3.5RL)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

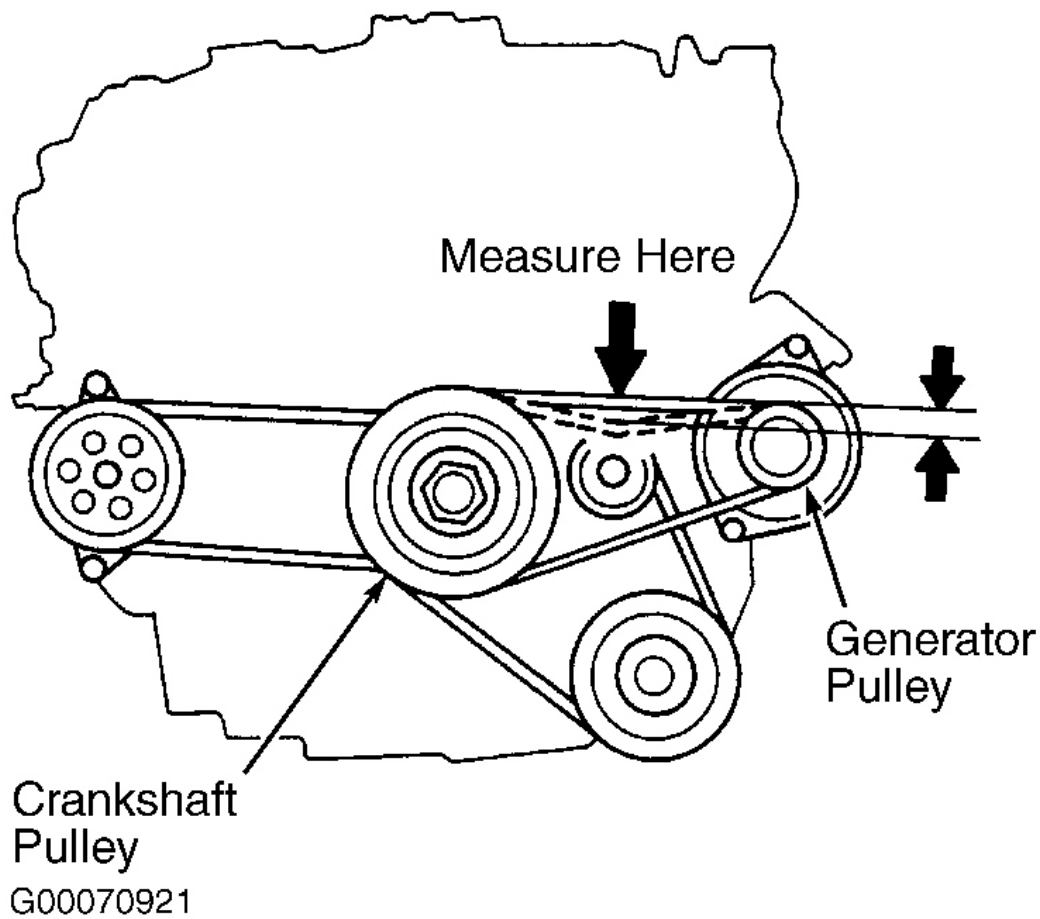


Fig. 4: Identifying Generator Drive Belt Routing & Adjustment Area (3.5RL)
Courtesy of AMERICAN HONDA MOTOR CO., INC.

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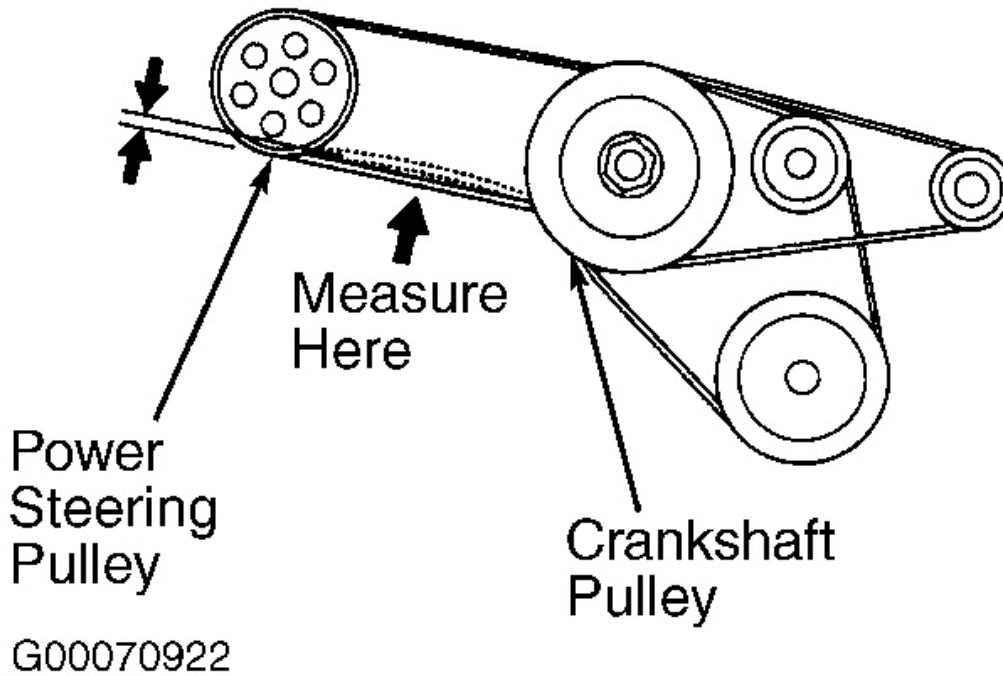


Fig. 5: Identifying P/S Drive Belt Routing & Adjustment Area (3.5RL)

Courtesy of AMERICAN HONDA MOTOR CO., INC.

SPECIFICATIONS

NOTE: For information of electric cooling fans (if equipped), see **ELECTRIC COOLING FANS** article.

BELT ADJUSTMENT

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Application	(1) Deflection - In. (mm)
A/C Compressor	
MDX, RSX, 3.2CL & 3.2CL	(2)
3.5RL	.31-.43 (8.0-11.0)
Generator	
MDX, RSX, 3.2CL & 3.2TL	(2)
3.5RL	.37-.45 (9.5-11.5)
Power Steering	

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RSX	(2)
MDX, 3.2CL & 3.2TL	.51-.65 (13.0-16.5)
3.5RL	.41-.49 (10.5-12.5)
(1) Deflection is with 22 lbs. (10 kg) pressure applied midway on longest belt run, after 5 minutes of belt operation.	
(2) Equipped with automatic belt tensioner.	

COOLING SYSTEM SPECIFICATIONS

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Model	Specification
Coolant Replacement Interval	
Except MDX, RSX & 3.2TL	(1) 45,000 Miles
MDX, RSX & 3.2TL	(2) 120,000 Miles
Coolant Capacity (3)	
RSX	
A/T	5.3 Qts. (5.0L)
M/T	5.7 Qts. (5.4L)
MDX	
3.2 CL & 3.2TL	(4) 5.9 Qts. (5.6L)
3.5RL	(5) 6.4 Qts. (6.1L)
Pressure Cap Opens	14.0-18.0 psi
Thermostat Opens	
Starts	169-176°F (76-80°C)
Fully Open	194°F (90°C)
(1) Replace after 2 years, and every 30,000 miles thereafter.	
(2) Replace after 10 years, and every 60,000 miles thereafter.	
(3) Specification is for coolant change. Add 1.2-2.0 qts. (1.1-1.9L) for system overhaul.	
(4) Specification includes .60-.80 qts. (.60-.80L) for reservoir capacity.	
(5) Specification is for coolant change. For system overhaul, coolant capacity is 9.1 qts. (8.6L)	