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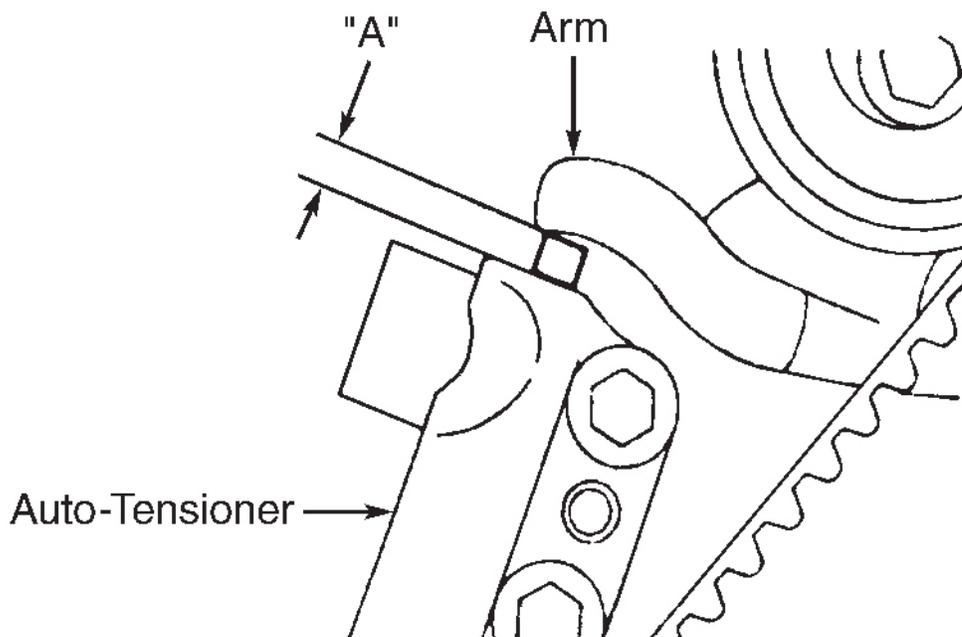
**Fig. 29: Installing Set Screw To Retract Auto Tensioner Rod (Showing Position Of Set Screw Installed)**

Courtesy of MITSUBISHI MOTOR SALES OF AMERICA.

15. To adjust belt tension, rotate crankshaft 1/4 turn counterclockwise, and then rotate clockwise until cylinder No. 1 is at TDC. Ensure timing marks are aligned. Loosen center bolt on tensioner pulley.
16. Using an INCH-lb. torque wrench and Socket Wrench (MD998752 or MD998767), pulling upwards (counter clockwise) apply 22-24 INCH lbs. (2.6-2.8 N.m) on tensioner pulley. See **Fig. 32**. With torque applied to tensioner pulley, tighten tensioner pulley center bolt to 35 ft. lbs. (48 N.m).

**CAUTION: When tightening the tensioner pulley center bolt, DO NOT allow the pulley to turn with the bolt. Belt tension will be affected.**

17. Rotate crankshaft clockwise 2 complete revolutions. Let vehicle sit for 15 minutes. Measure hydraulic tensioner rod protrusion between hydraulic tensioner housing and point where it contacts tensioner arm (an appropriate size drill bit can be used). Protrusion should be 0.150-0.177" (3.8-4.5 mm). See **Fig. 30**. If protrusion is not as specified, repeat timing belt tensioning procedure.

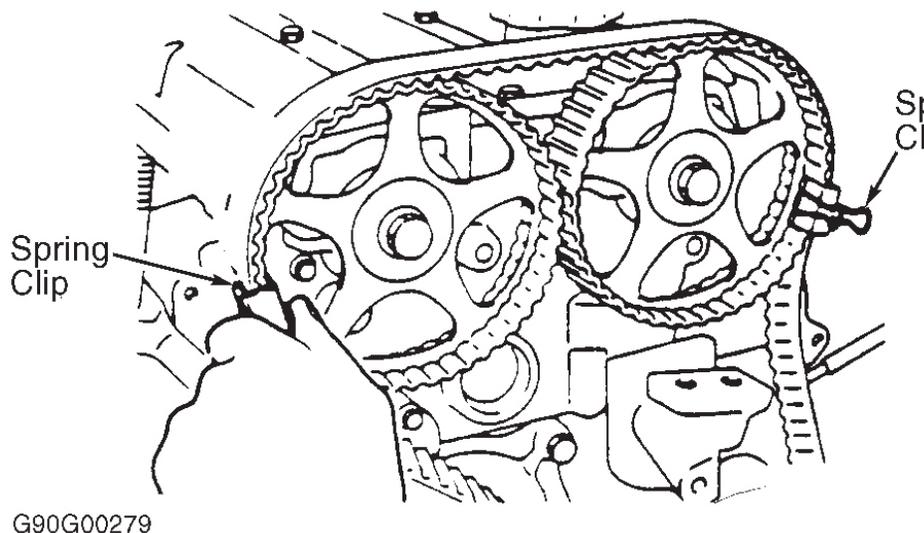


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**Fig. 30: Measuring Auto Tensioner Rod Protrusion**

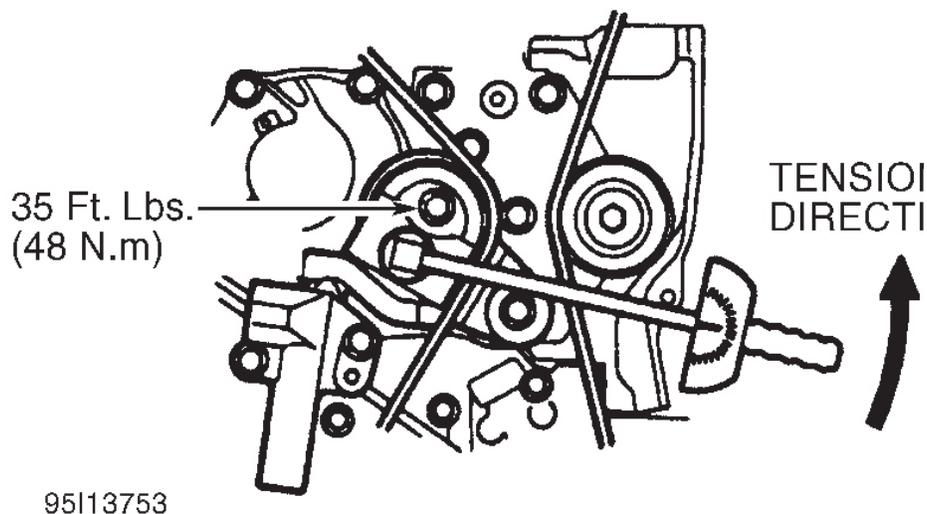
Courtesy of MITSSUBUSHI MOTOR SALES OF AMERICA .

**CAUTION:** Damage may occur to engine if started with Phillips(R) screwdriver inserted in block. Ensure Phillips(R) screwdriver has been removed plug has been reinstalled into block.



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**Fig. 31: Installing Timing Belt On Camshaft Sprockets**  
 Courtesy of MITSUBISHI MOTOR SALES OF AMERICA.



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**Fig. 32: Adjusting Timing Belt "A" Tension Pulley**  
 Courtesy of CHRYSLER CORP.

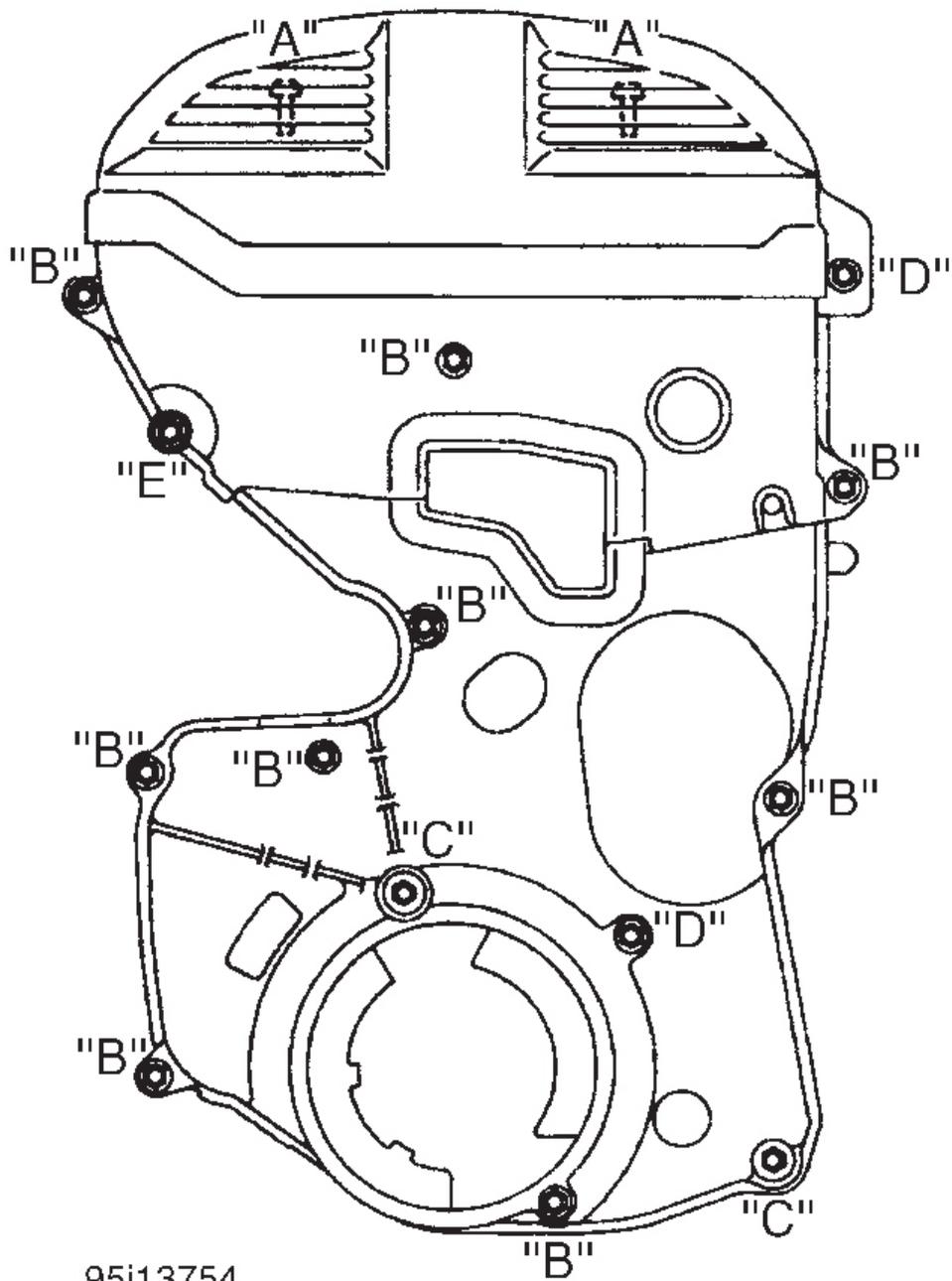
18. Reinstall Phillips(R) screwdriver into block at left silent shaft. See **Fig. 25** . Check Phillips(R) screwdriver will insert at least 2.36 in (60 mm). If insertion is as specified, remove Phillips(R) screwdriver and reinstall plug into block. If insertion is only half of that, timing is off and procedure should be redone. Remove timing belt and turn only the oil pump drive sprocket one complete

## 1997 Mitsubishi Eclipse

1997-98 ENGINES 2.0L 4-Cylinder VIN Y & F

rotation. Recheck Phillips(R) screwdriver will insert at least 2.36 in (60 mm). If insertion is as specified, proceed with reinstallation of timing belt. Go to step, 5 .

19. To complete installation, reverse removal procedure. Ensure proper length bolts are installed in designated areas in timing belt covers. See **Fig. 33** . Also see **TIMING COVER BOLT LENGTH** table. Tighten all bolts to specification. See appropriate **TORQUE SPECIFICATIONS** table.



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**Fig. 33: Identifying Timing Cover Bolts**  
 Courtesy of CHRYSLER CORP.

**TIMING COVER BOLT LENGTH**

Bolt	INCH Lbs. (N.m)
Autotronica Portugal	6988605702
domingo, 09 de junio de 2013 03:57:22 p.m.	Page 21 © 2005 Mitchell Repair Information Company, LLC.

## 1997 Mitsubishi Eclipse

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"A" (6 x 16 mm Flange Bolt)	89-106 (10-12)
"B" (6 x 18 Flange Bolt)	89-106 (10-12)
"C" (6 x 25 Loose Washer Bolt)	58 (6.5)
"D" (6 x 25 Flange Bolt)	89-106 (10-12)
"E" (6 x 45 Flange Bolt)	89-106 (10-12)