

INDEX

ACURA INTEGRA	
Model "CA"	. 4
Model "MPRA"	. 8
ACURA LEGEND	
Model "G4"	. 12
BMW ELECTRONIC	
ZF 4HP-22 (4 Solenoid Only)	16
ZF 4HP-22 (5 Solenoid Only)	
HONDAACCORD	
Model "AS"	28
Model "F4"	
Models "PX4B", "APX4", "MPOA", "AYOA", "BOX"	
HONDA CIVIC	
Model "CA"	40
Model "L4", "ML4A" (1988 Model Only)	44
Model "L4", "ML4A" (89-90 Model Only)	
Model "M24A"	
Model "A4RA"	53
HONDA PRELUDE	
Model "F4"	32
Model "K4" (Early Model Only)	
Model "K4" (Late Model Only)	
Model "PY8A"	
HONDA PASSPORT	
M 11 H4120 FH	6 7

AUTOMATIC TRANSMISSION SERVICE GROUP 18639 SW 107TH AVENUE MIAMI, FLORIDA 33157 (305) 670-4161

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INTRODUCTION

IMPORT CHECKBALL BOOK VOLUME II

This booklet contains the checkball locations, screen locations, check valve locations, and relief valve locations, for the upper and lower valve bodies, and the accumulator housing if it contains one of the above. We have also covered any updated information and any changes that may have occured in the many different models years. This booklet contains some of the Imported transmissions that we have seen in North America. Refer to the Index page for exact transmission models covered.

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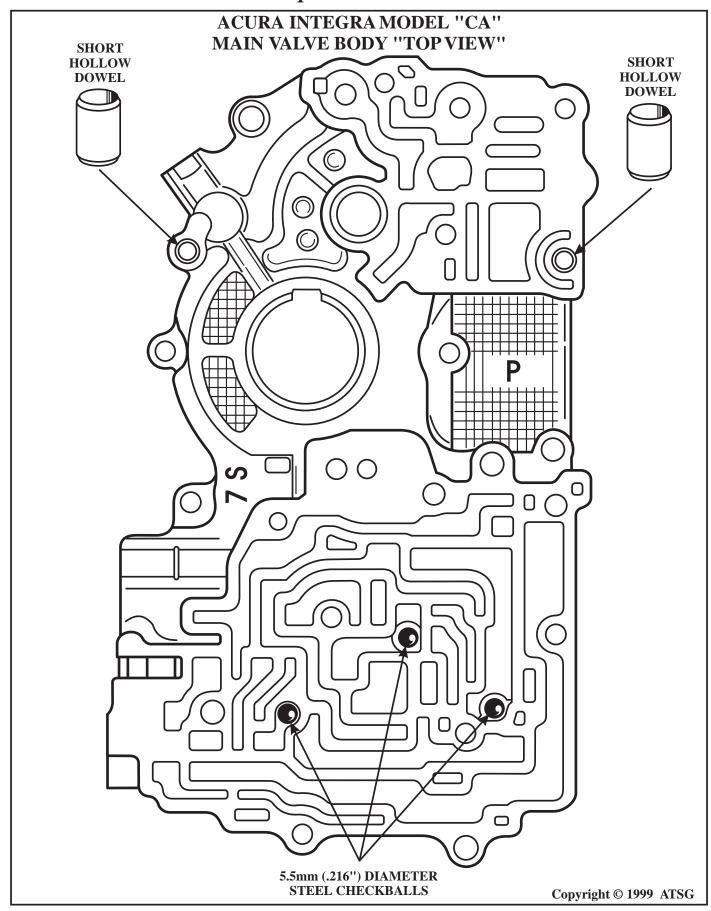
INDEX

AZDA	
Model F3A	
Model G4A-HL	
Model F4A-ELModel G4A-ELModel GF4A-EL(7 Solenoid)	
Model N4A-EL	
MITSUBISHI	
Models KM170, KM171, KM172	
Models KM175, KM176, KM177	
SPECTRUM	
Model F3A	
SPRINT, SUZUKI, GEO	
Model MX17	
SAAB	
Model ZF 4HP-18	
Model AW50-42LE	
VOLKSWAGON PASSAT	
Model 096-097	
VOLVO	
Model AW50-42LE	
VW/AUDI	
OIM	110

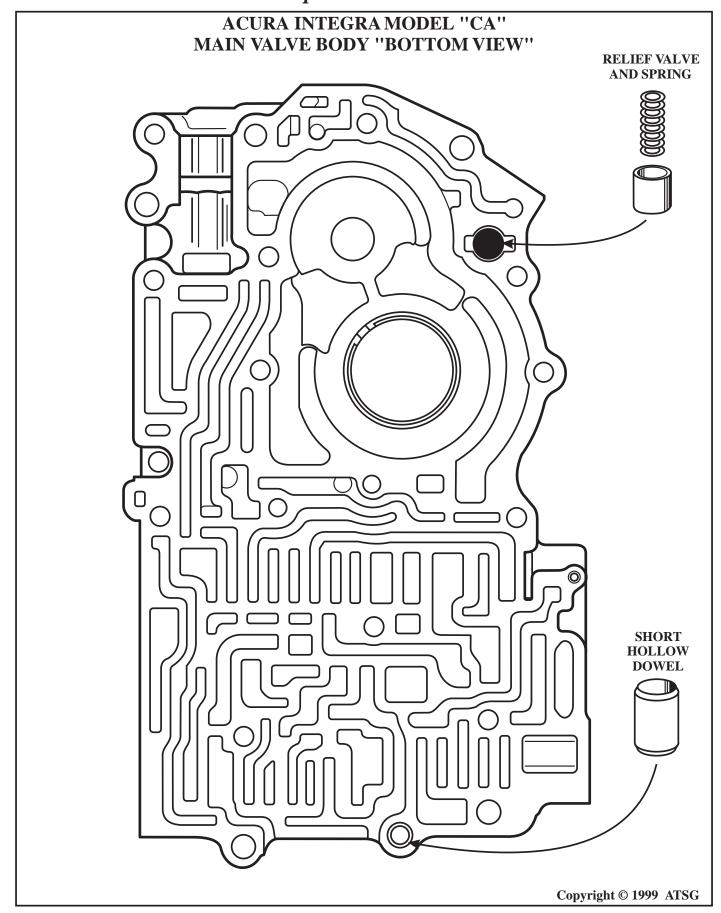
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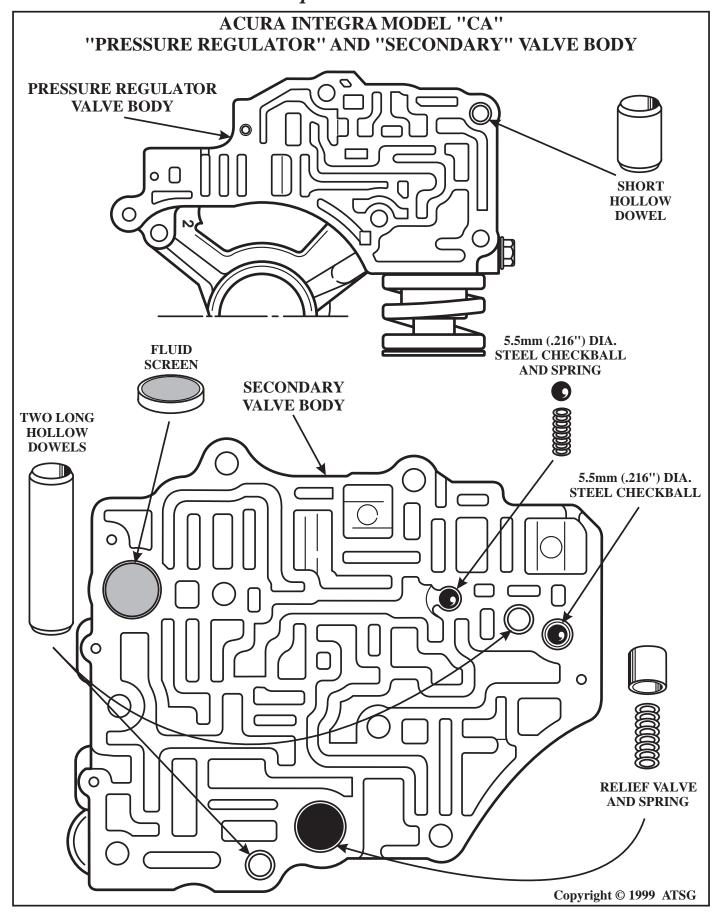




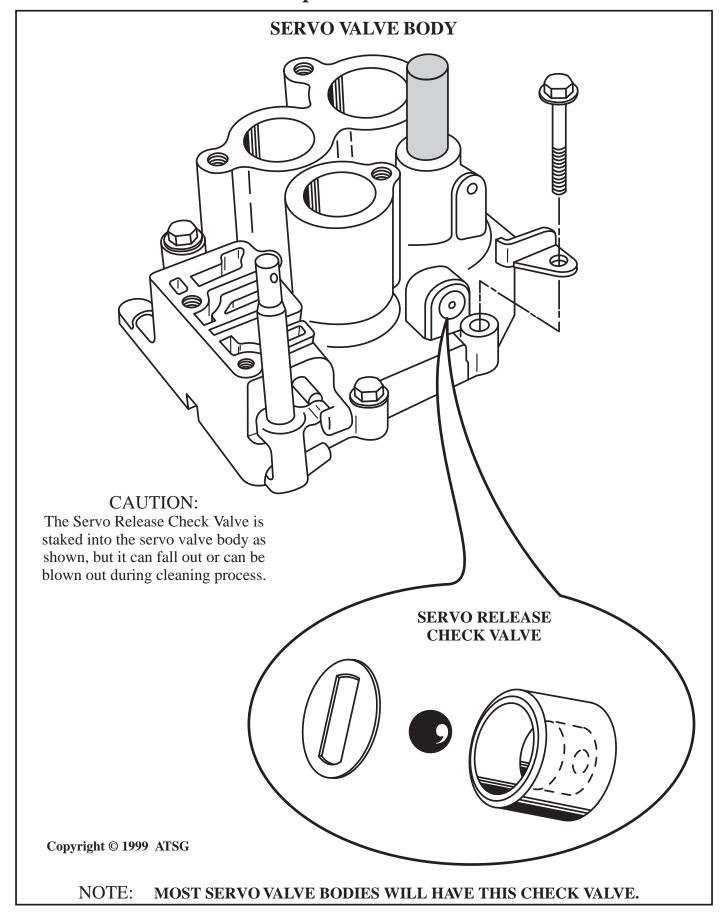




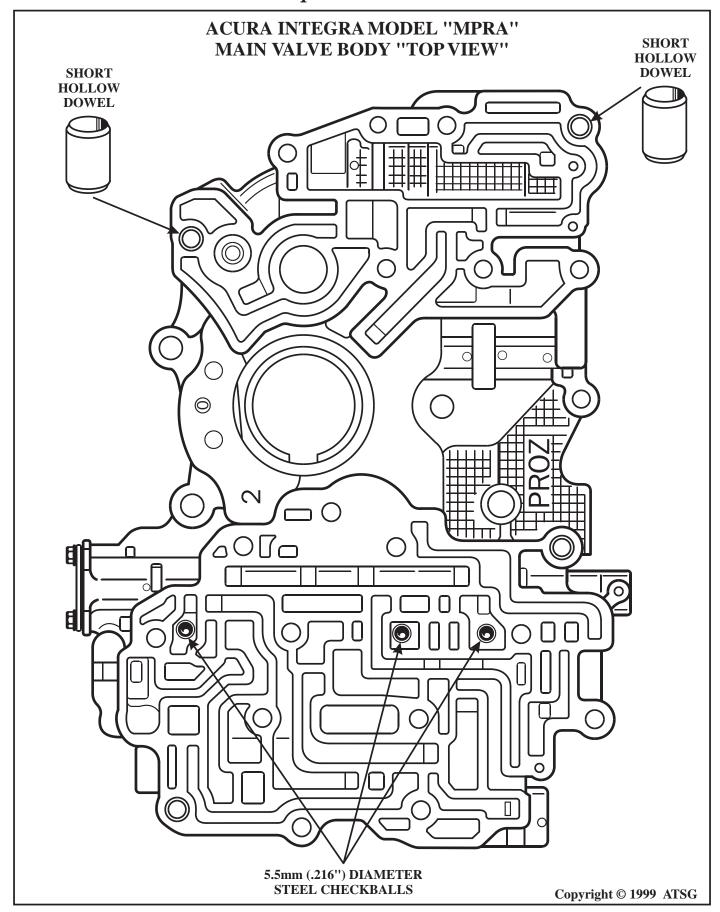




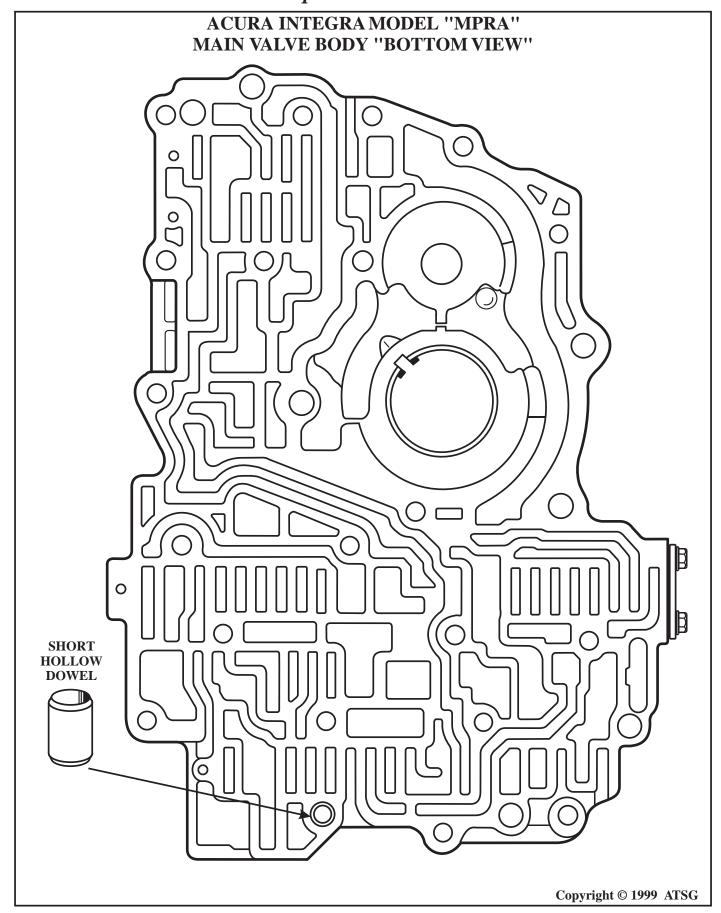








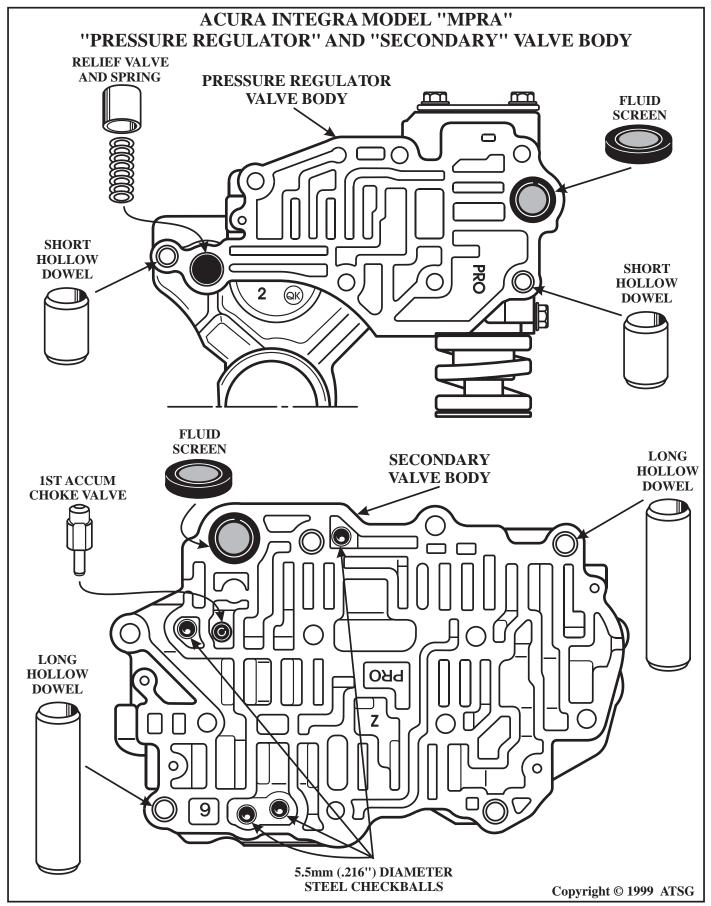






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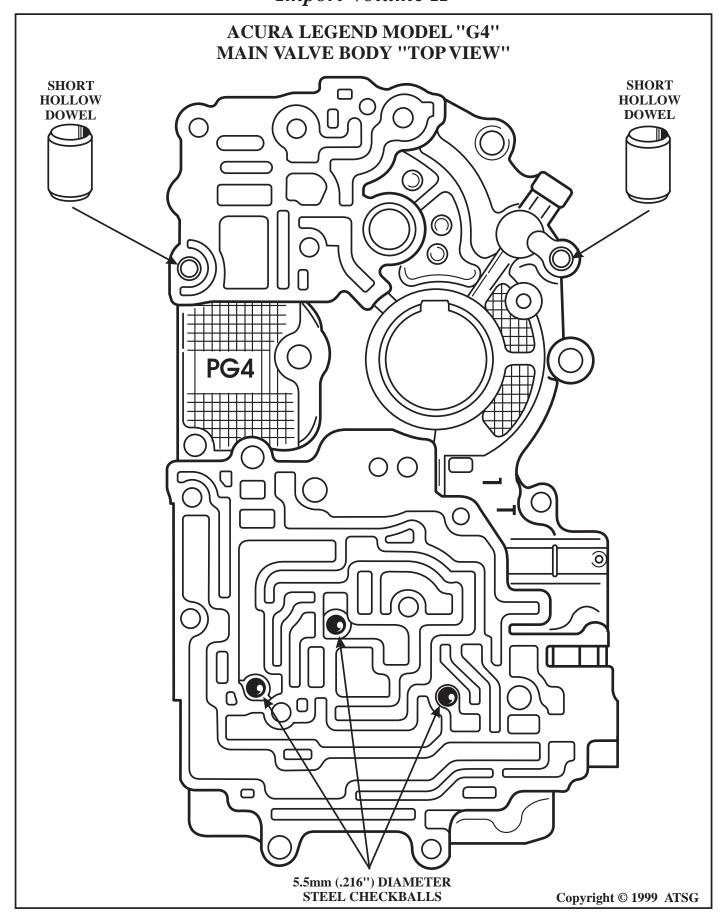




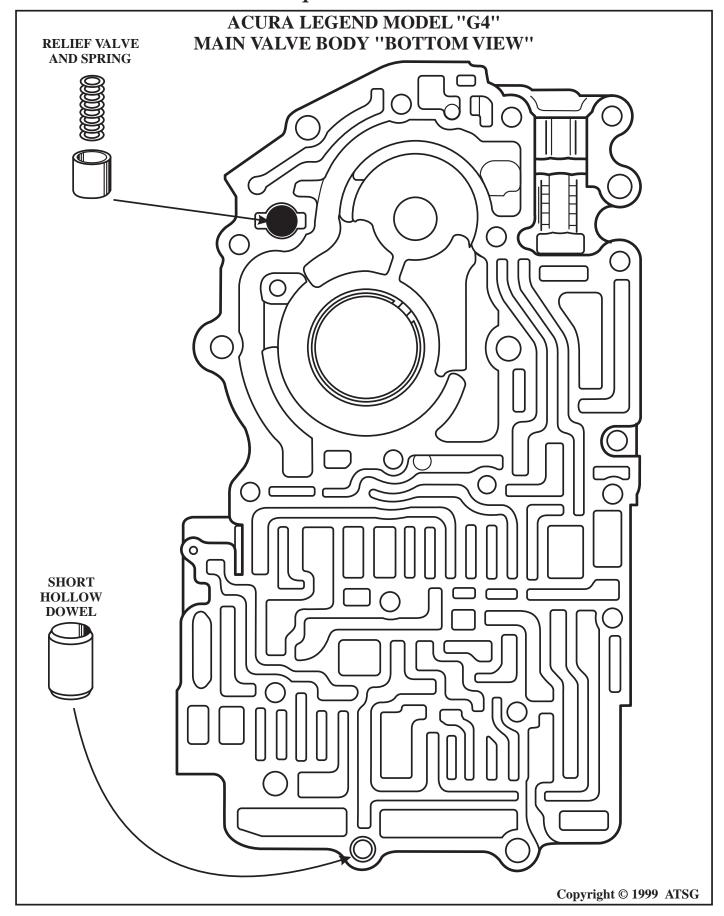
We wish to thank the following for supplying the actual valve bodies that have made these illustrations possible.



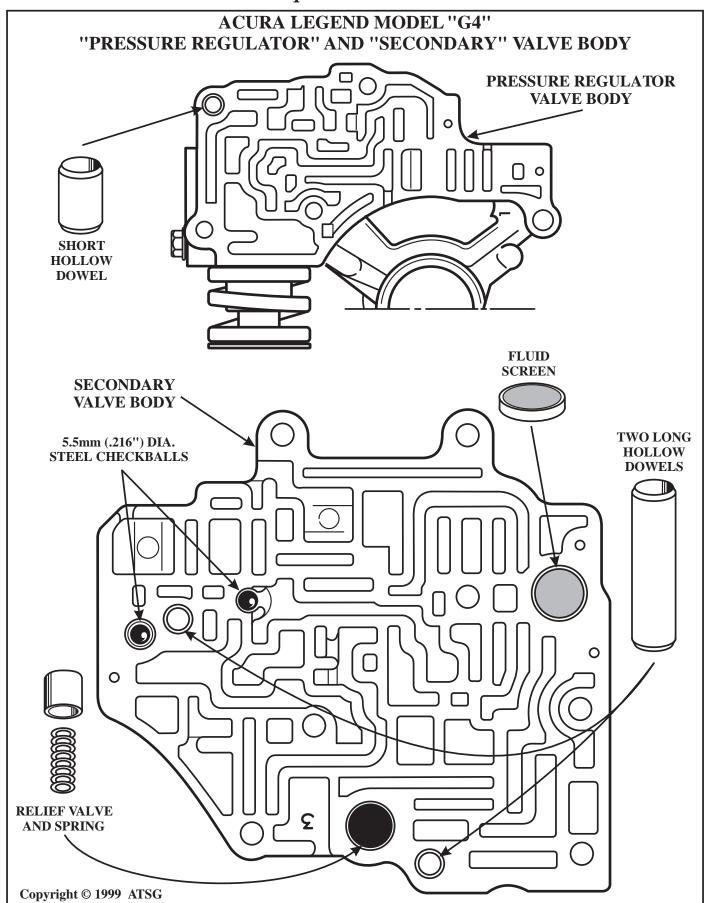
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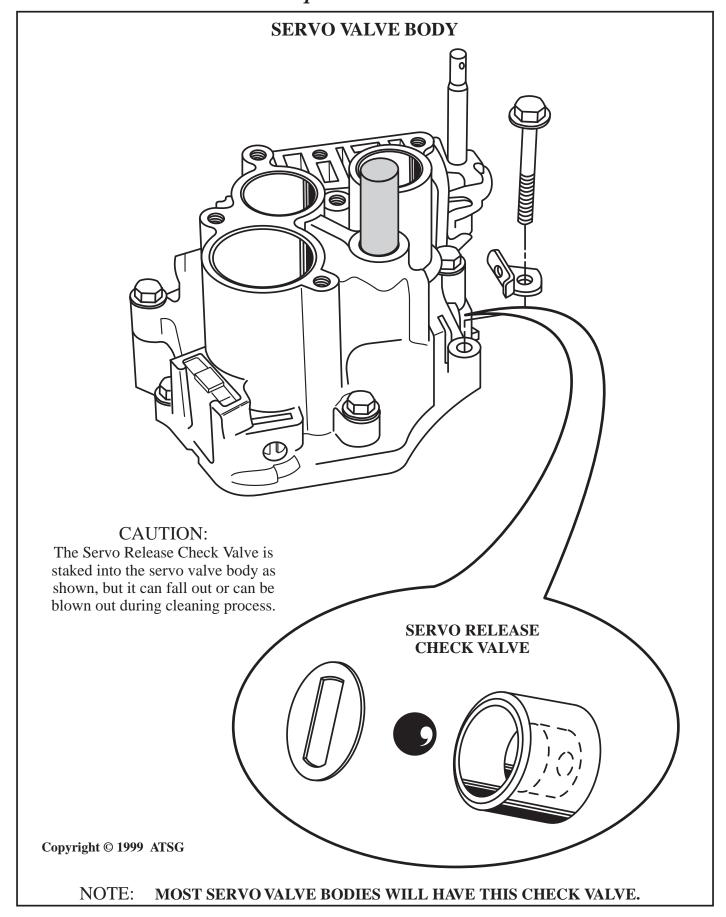








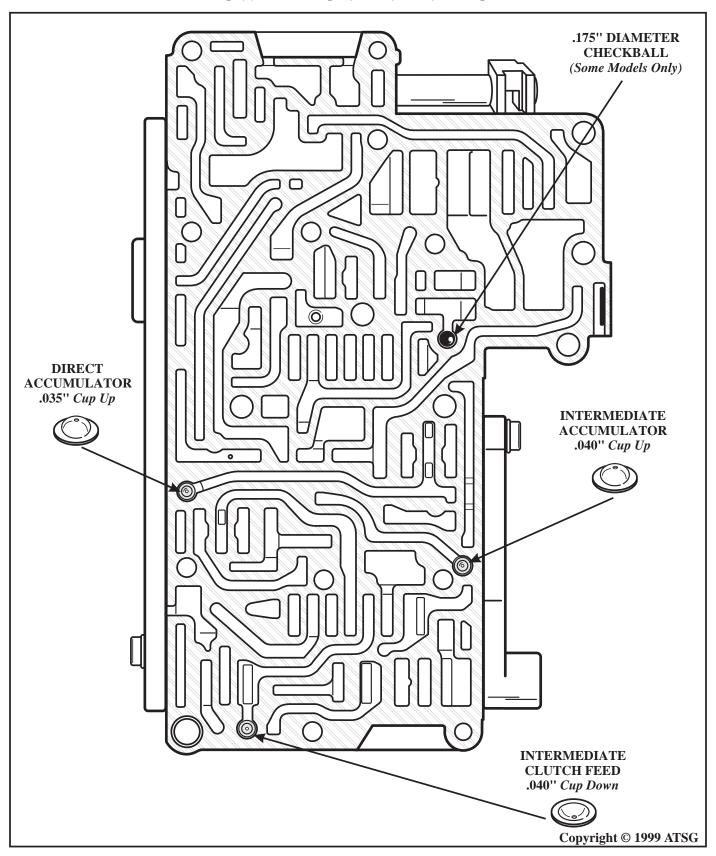






BMW ZF4HP-22 ELECTRONIC (4 Solenoid Only)

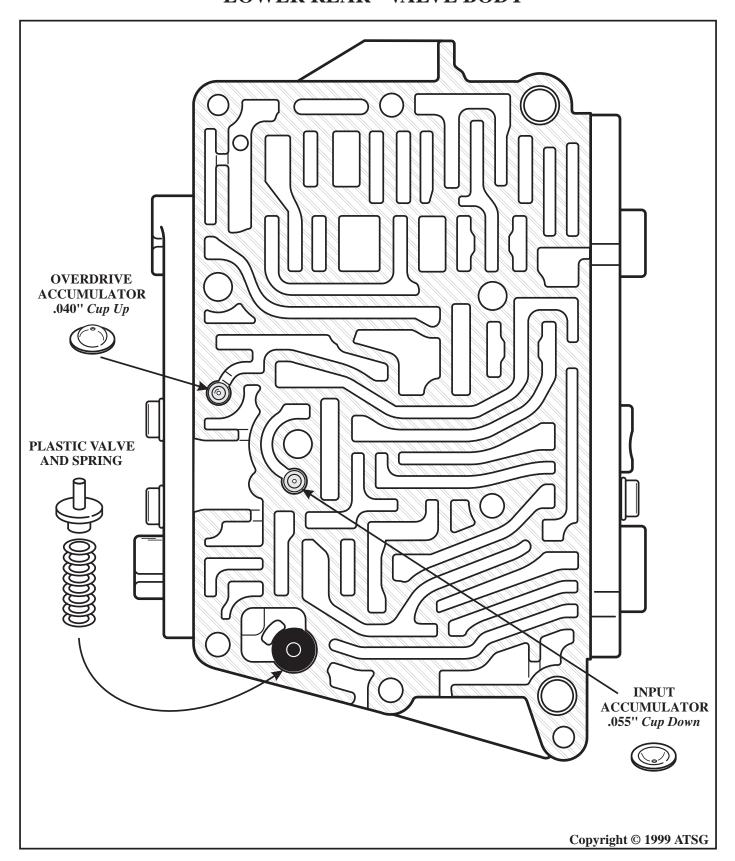
BMW ELECTRONIC ZF4HP-22 (4 SOLENOID ONLY) "LOWER FRONT" VALVE BODY





BMW ZF4HP-22 ELECTRONIC (4 Solenoid Only)

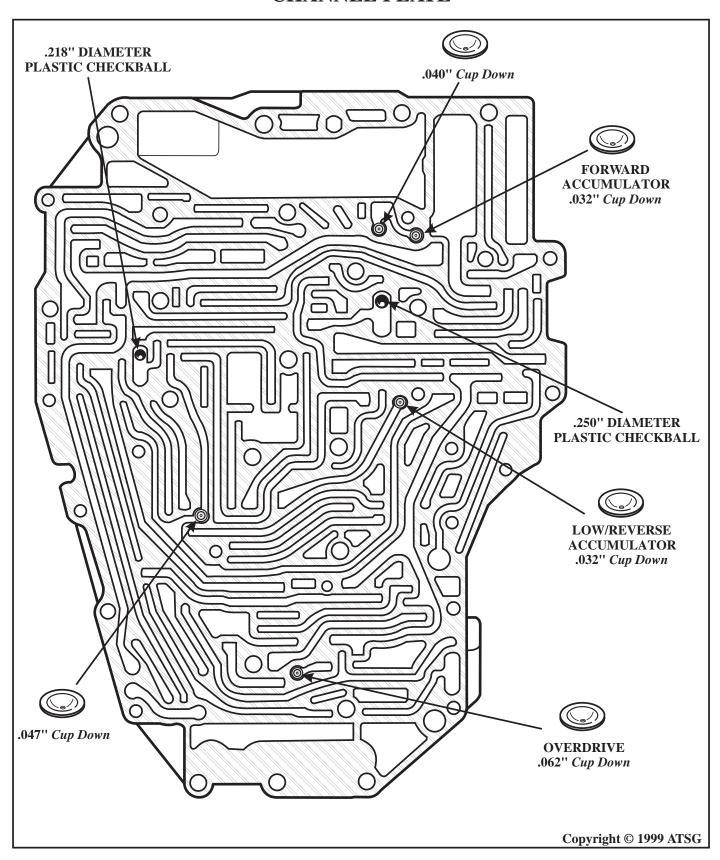
BMW ELECTRONIC ZF4HP-22 (4SOLENOID ONLY) "LOWER REAR" VALVE BODY





BMW ZF4HP-22 ELECTRONIC (4 Solenoid Only)

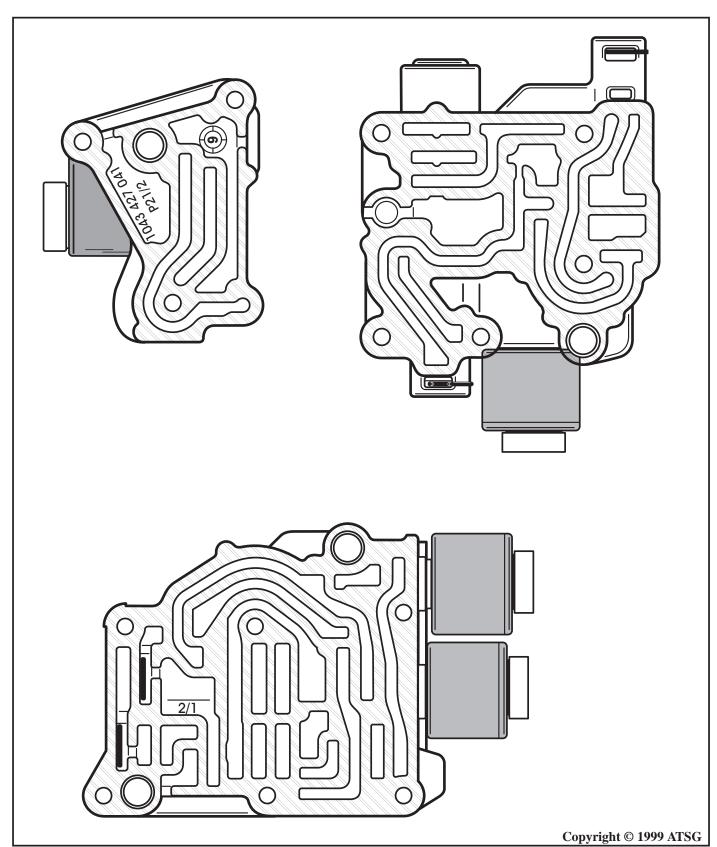
BMW ELECTRONIC ZF4HP-22 (4 SOLENOID ONLY) CHANNEL PLATE





BMW ZF4HP-22 ELECTRONIC (4 Solenoid Only)

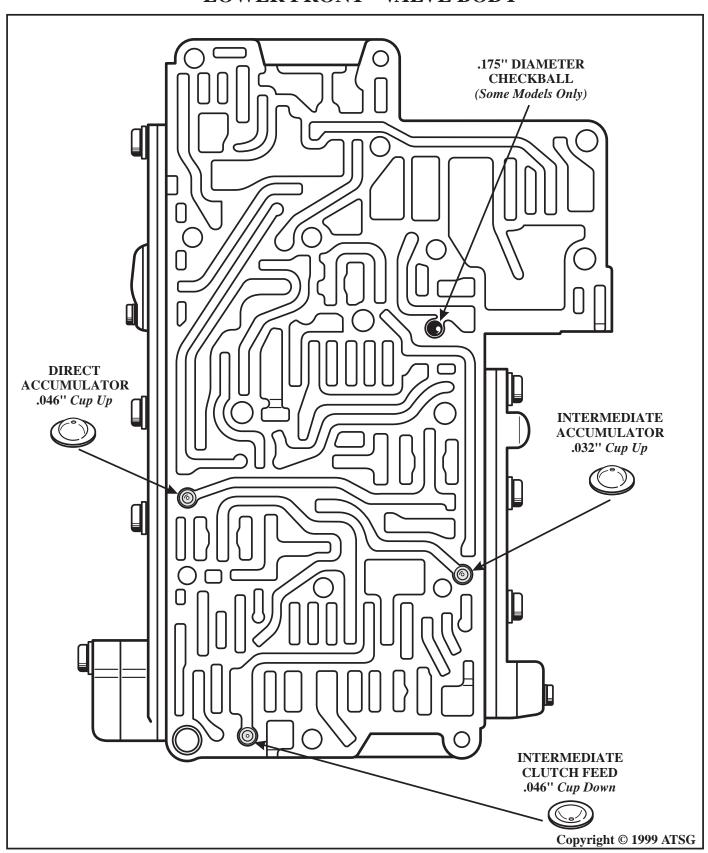
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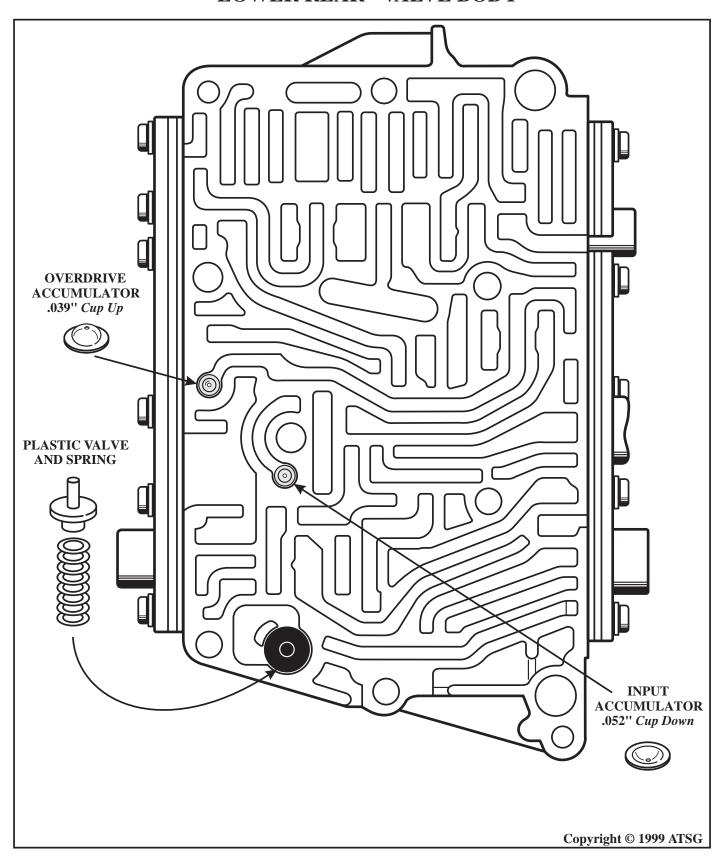
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BMW ZF4HP-22 ELECTRONIC (5 Solenoid Only)

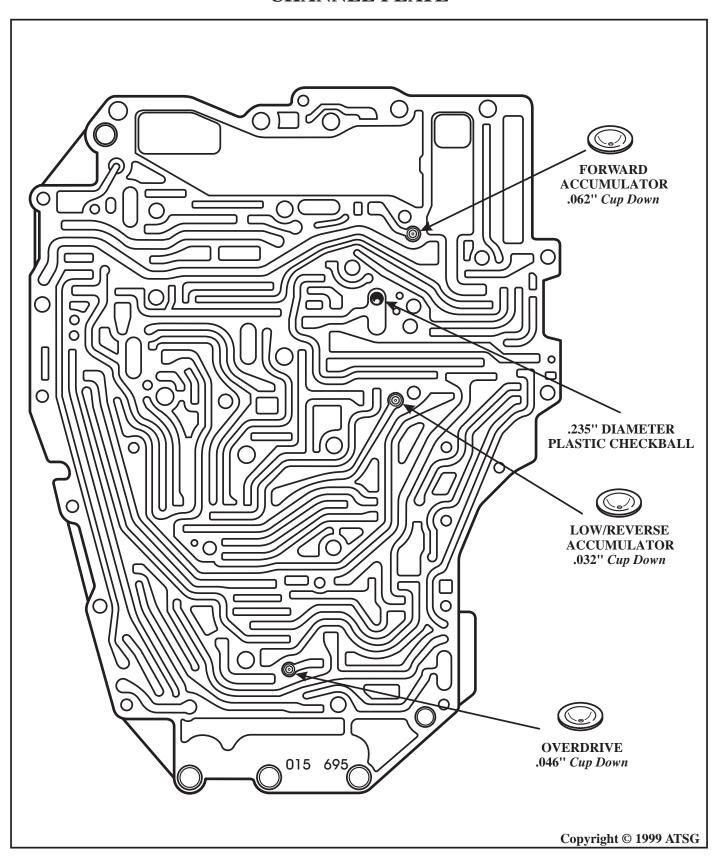
BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) "LOWER REAR" VALVE BODY





BMW ZF4HP-22 ELECTRONIC (5 Solenoid Only)

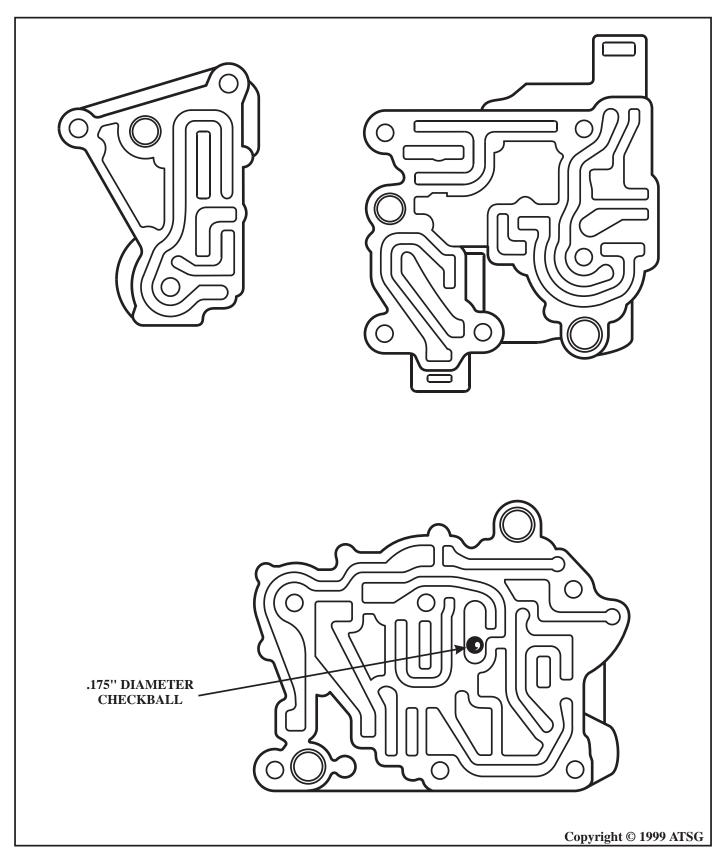
BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) CHANNEL PLATE



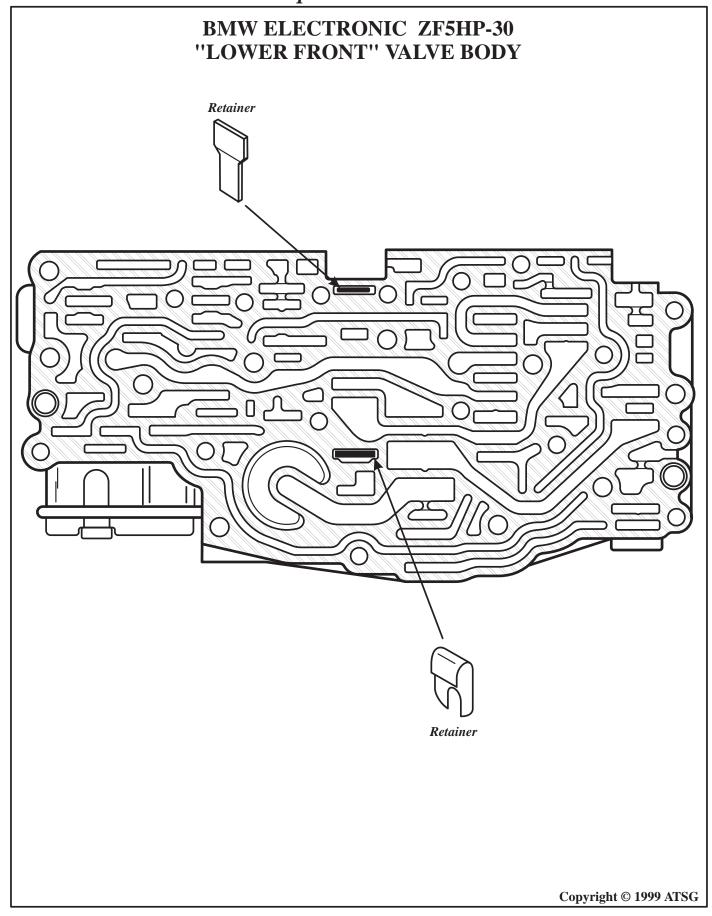


BMW ZF4HP-22 ELECTRONIC (5 Solenoid Only)

BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) "UPPER RIGHT" AND "UPPER LEFT" VALVE BODY



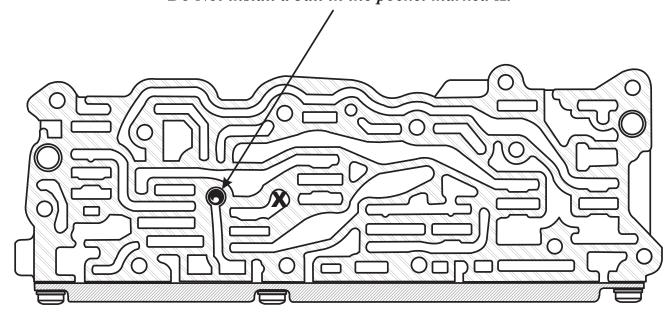






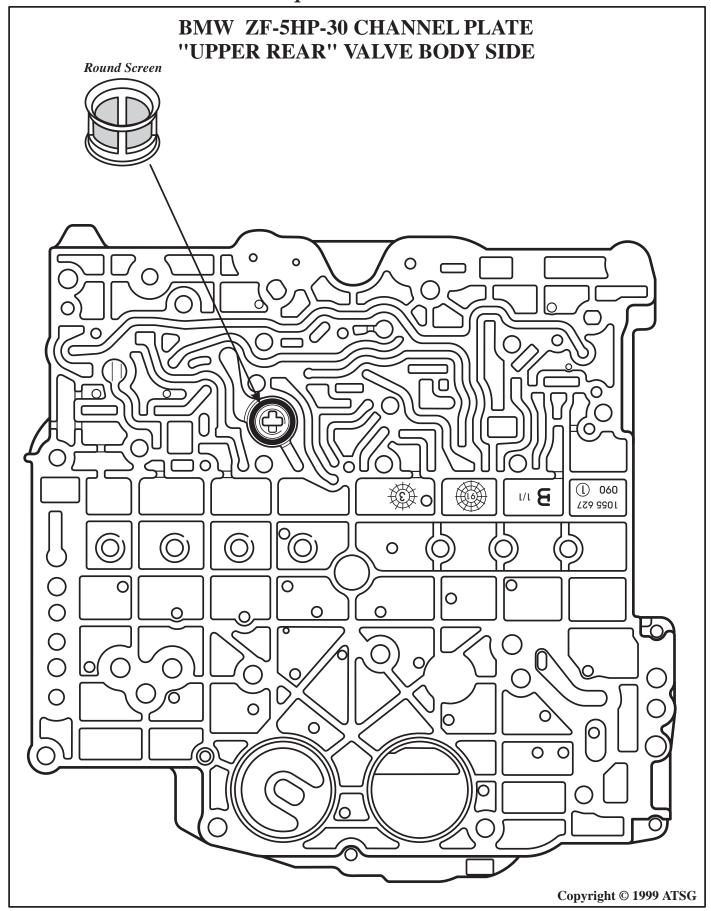
BMW ELECTRONIC ZF5HP-30 "UPPER REAR" VALVE BODY

Only One .250" (6.35mm) ball is located here. Do Not install a ball in the pocket marked X.

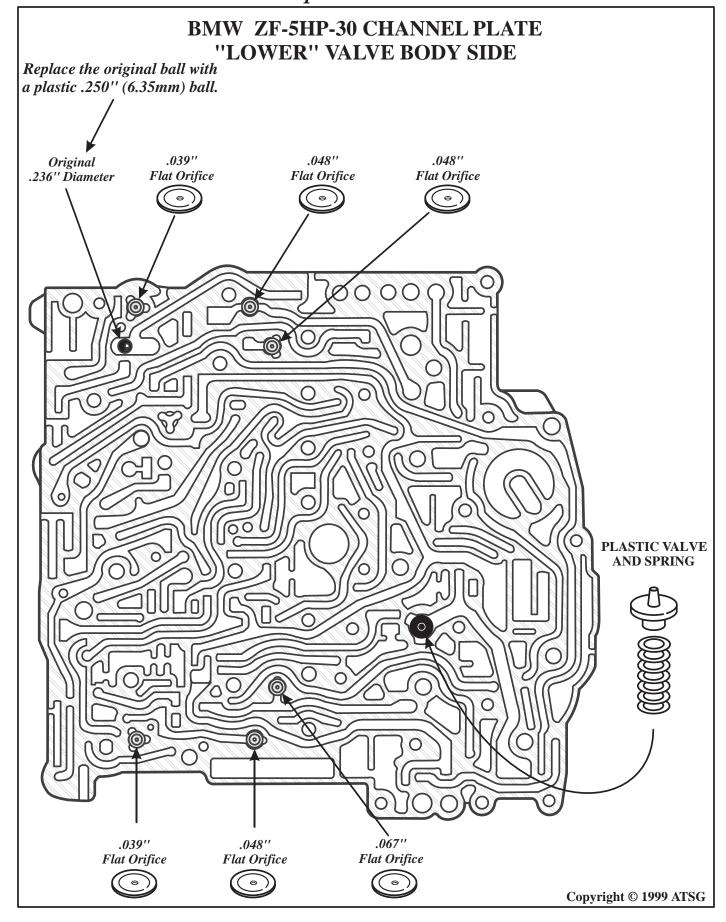


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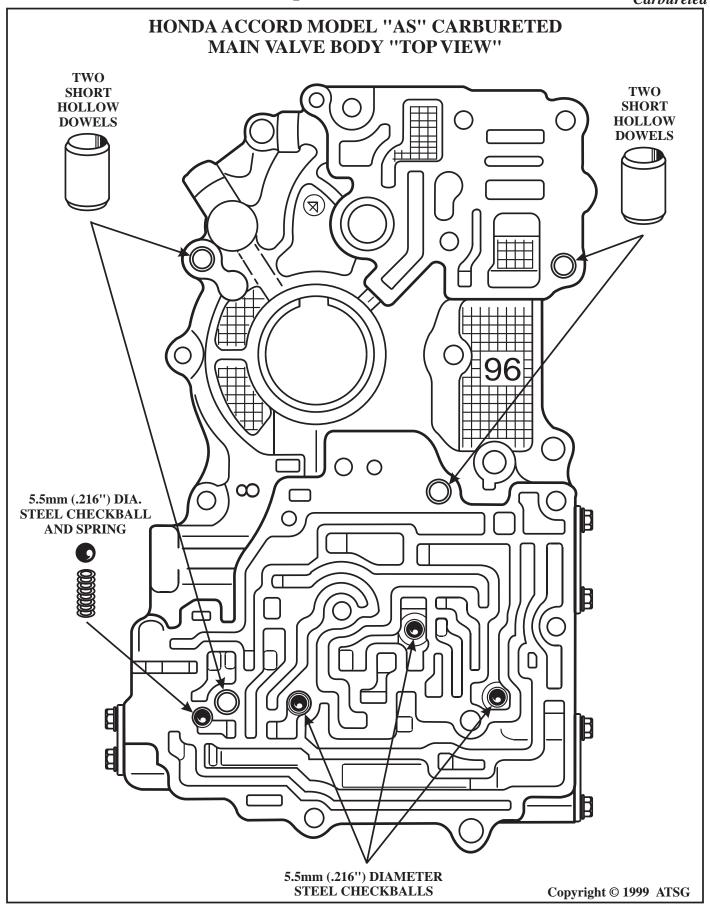






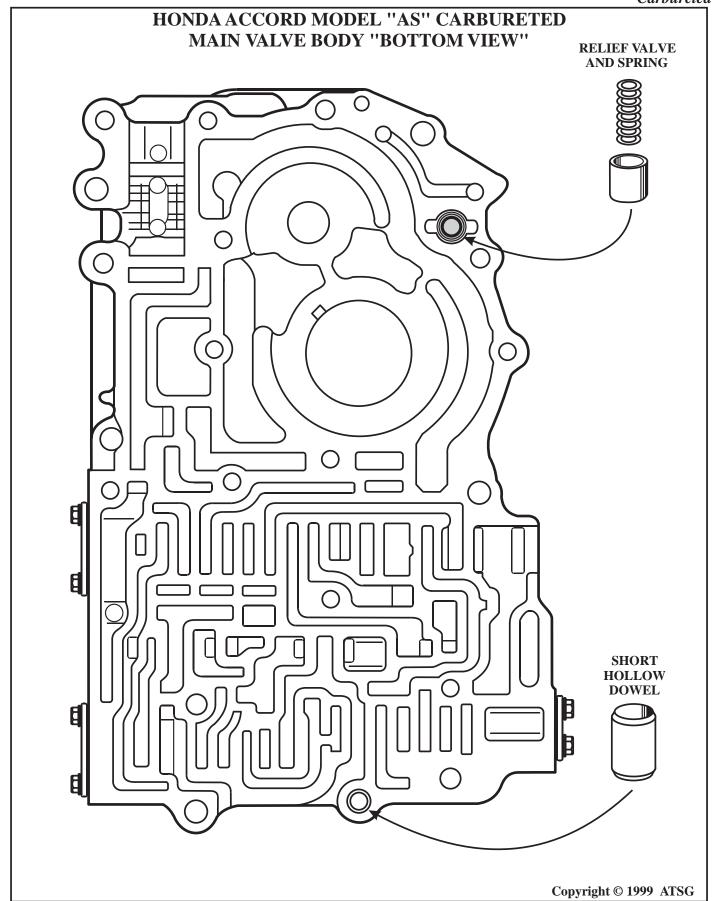


HONDA ACCORD MODEL "AS" Carbureted





HONDA ACCORD MODEL "AS" Carbureted

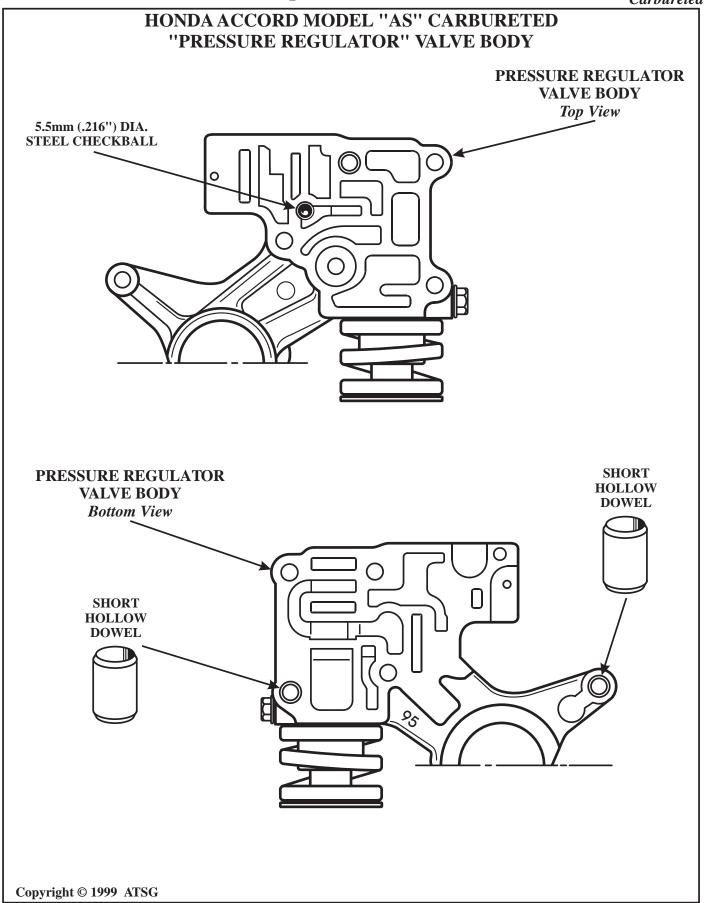




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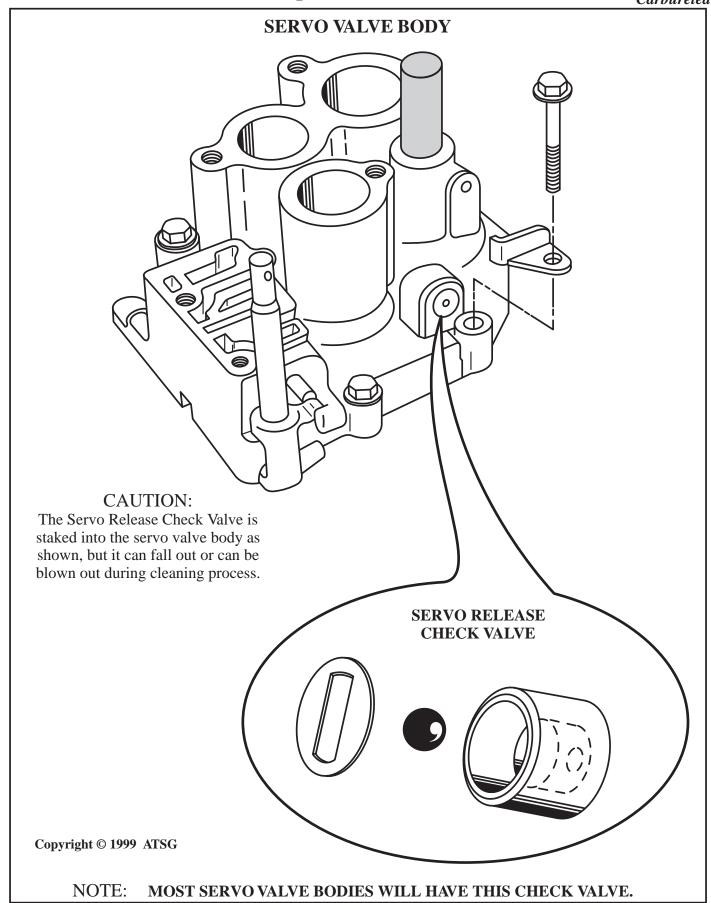
HONDA ACCORD MODEL "AS" Carbureted

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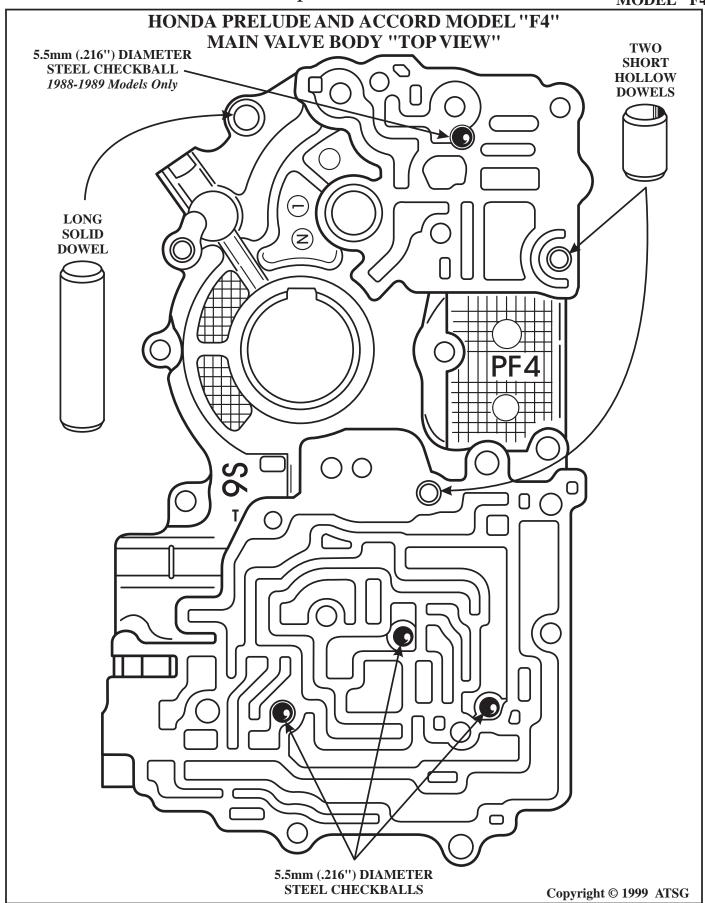
HONDA ACCORD MODEL "AS" Carbureted





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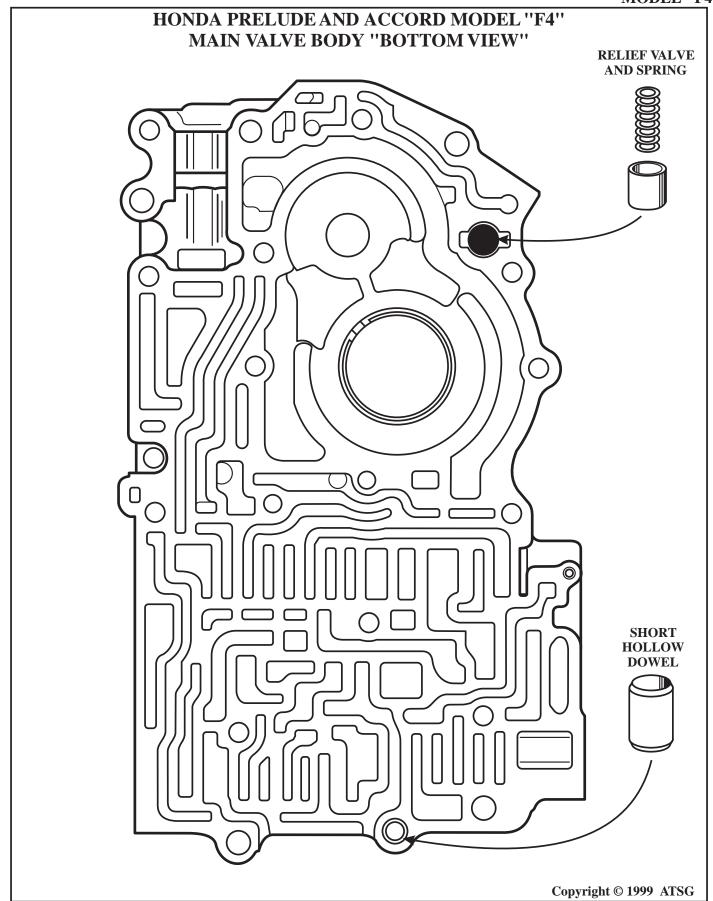
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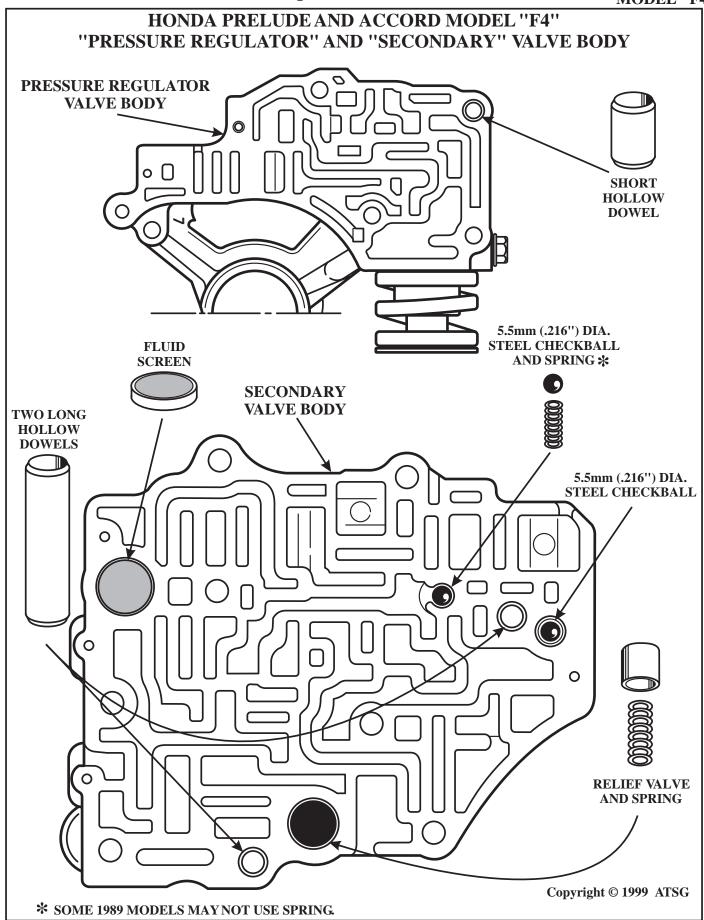
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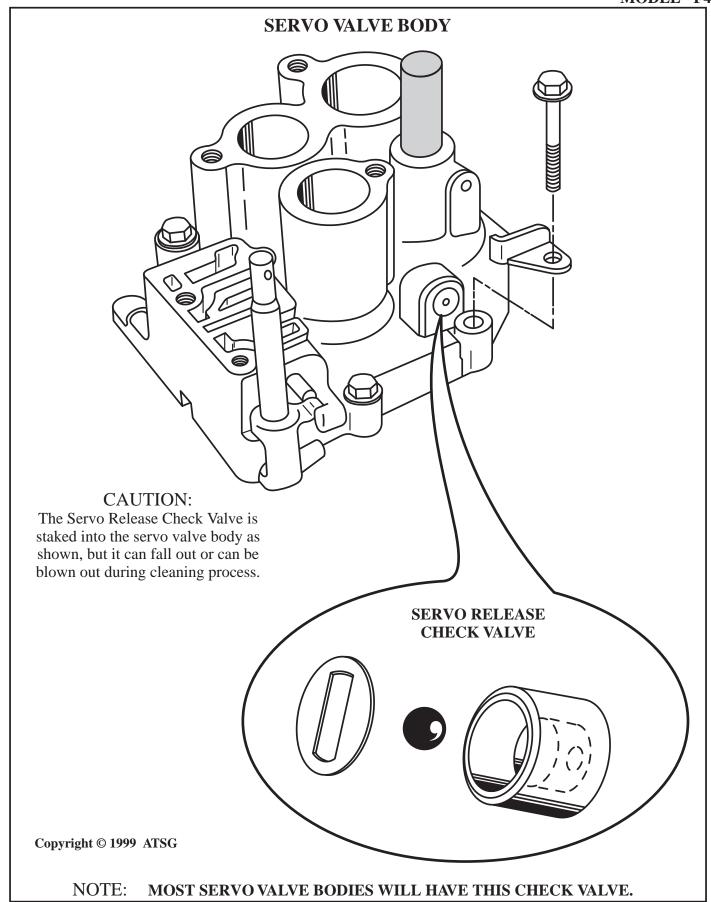
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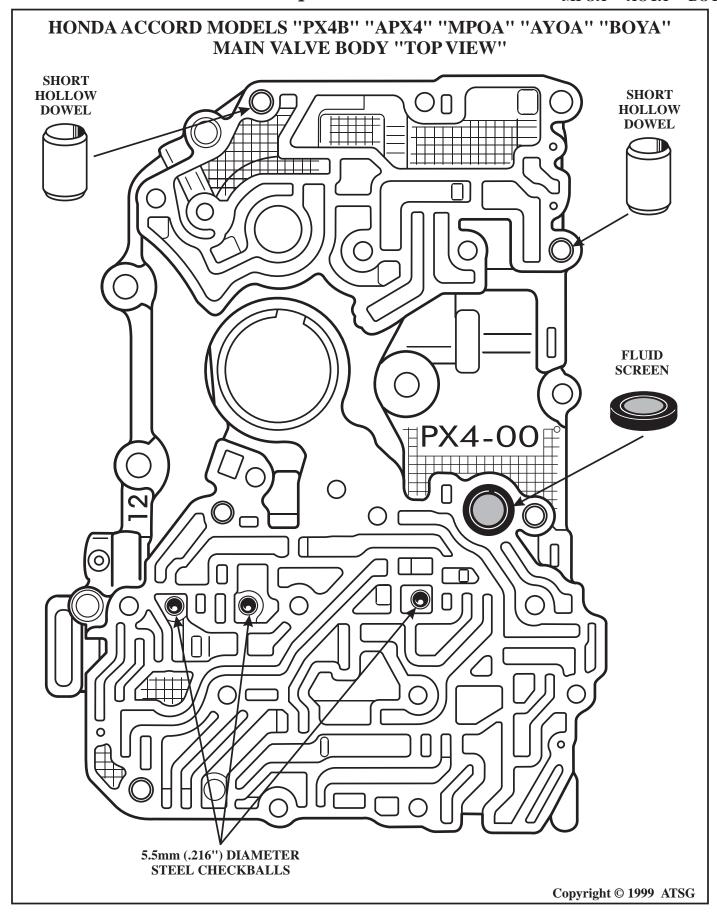
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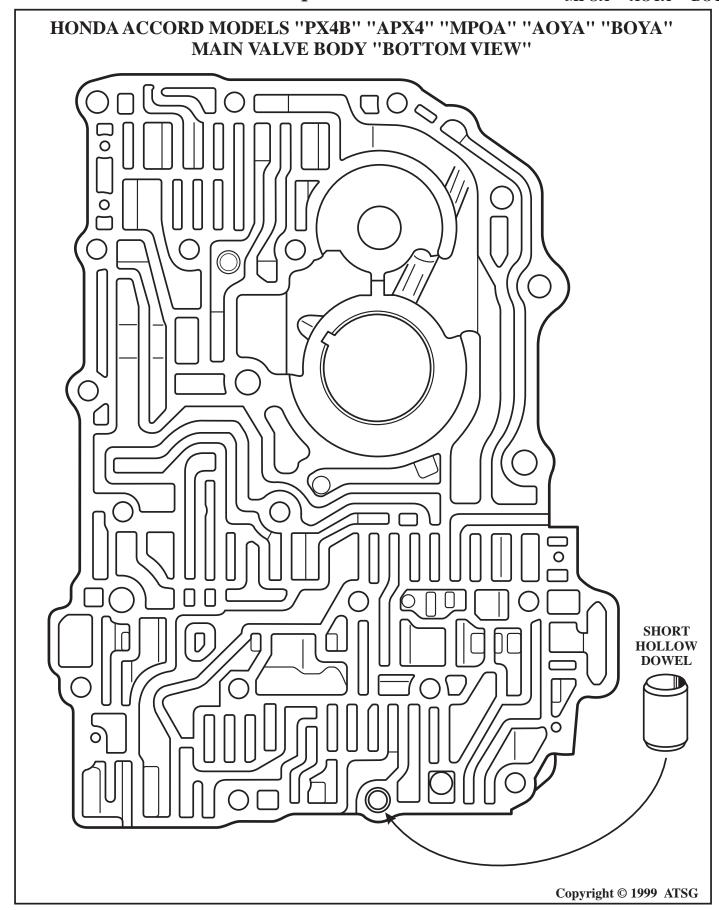


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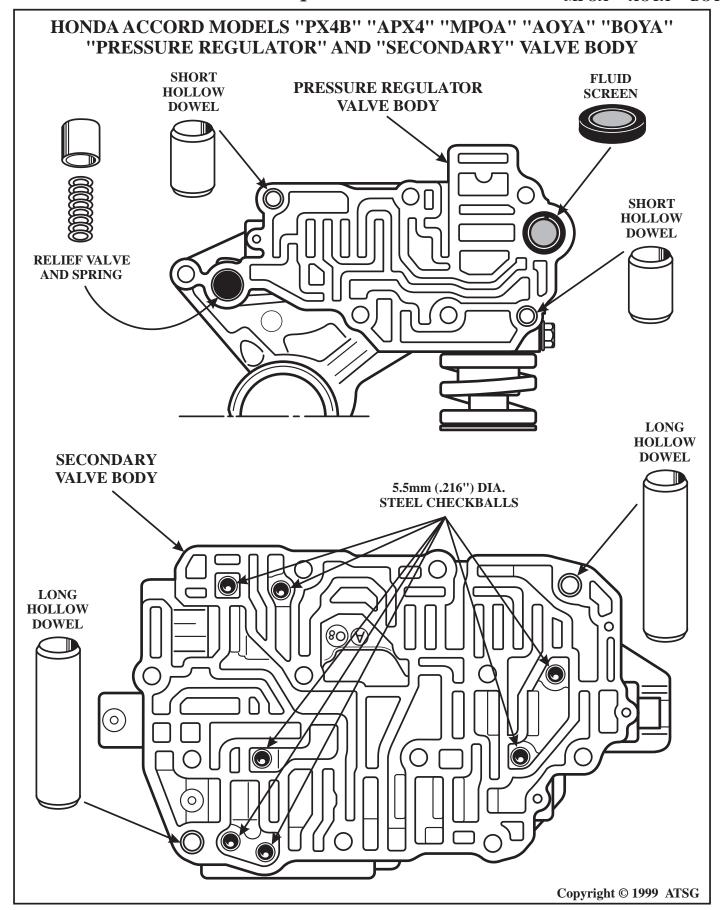


HONDA ACCORD MODELS "PX4B" "APX4" "MPOA" "AOYA" "BOYA"



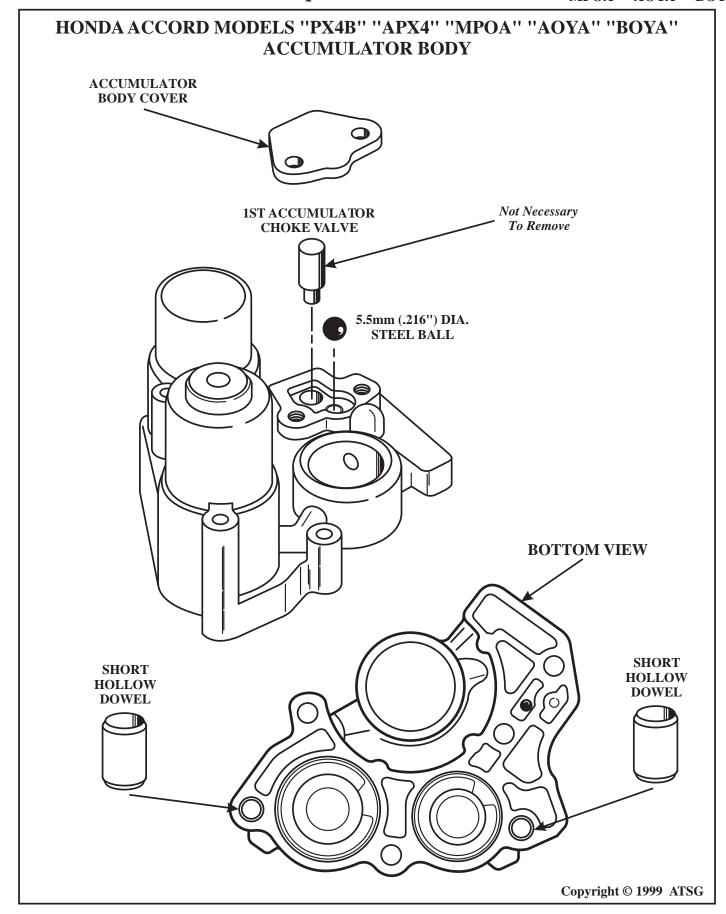


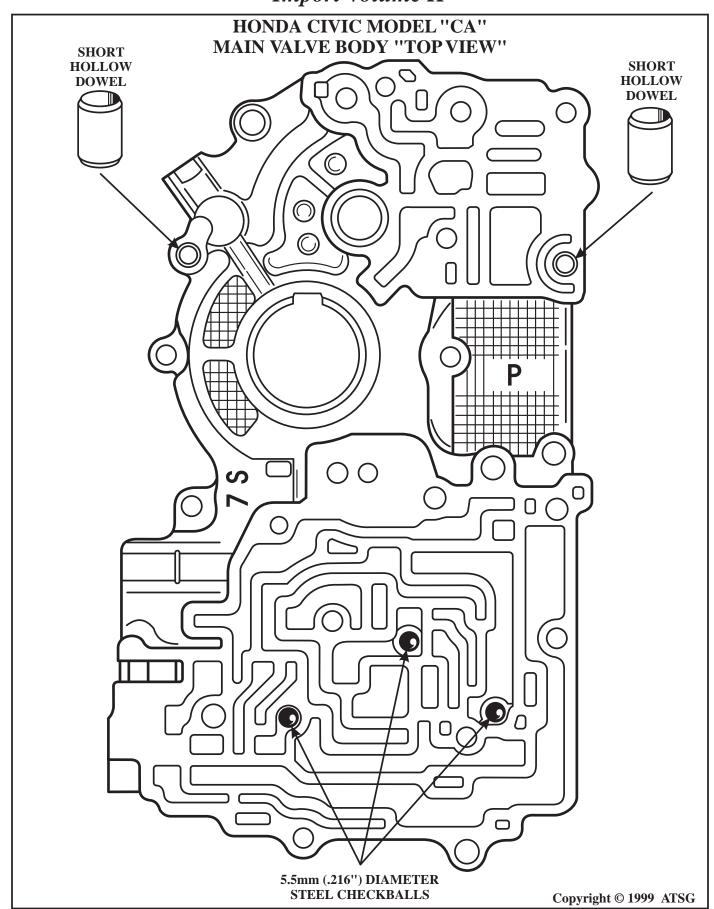
HONDA ACCORD MODELS "PX4B" "APX4" "MPOA" "AOYA" "BOYA"



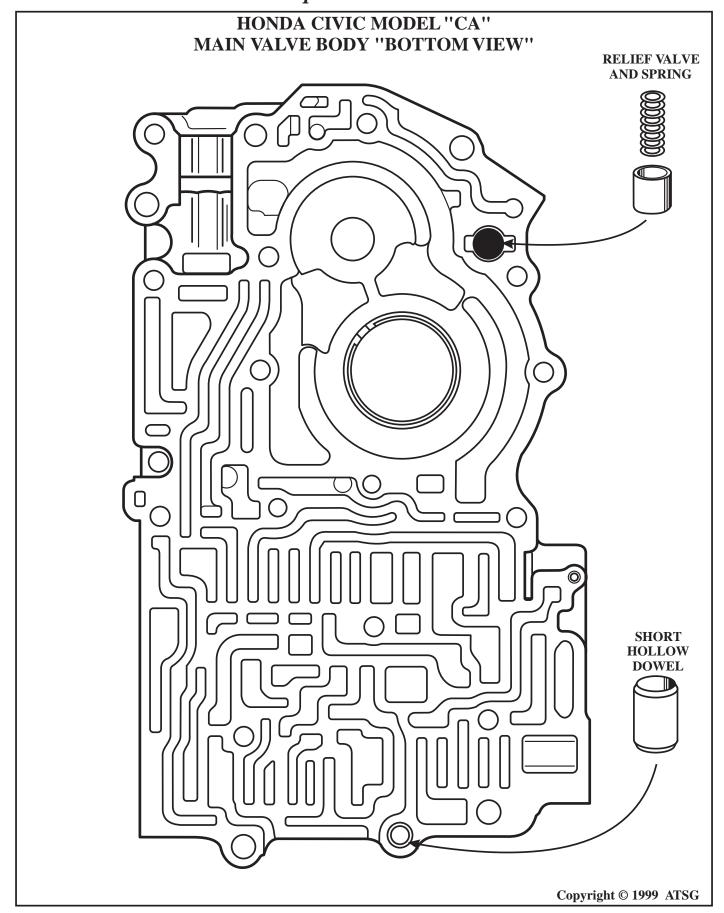


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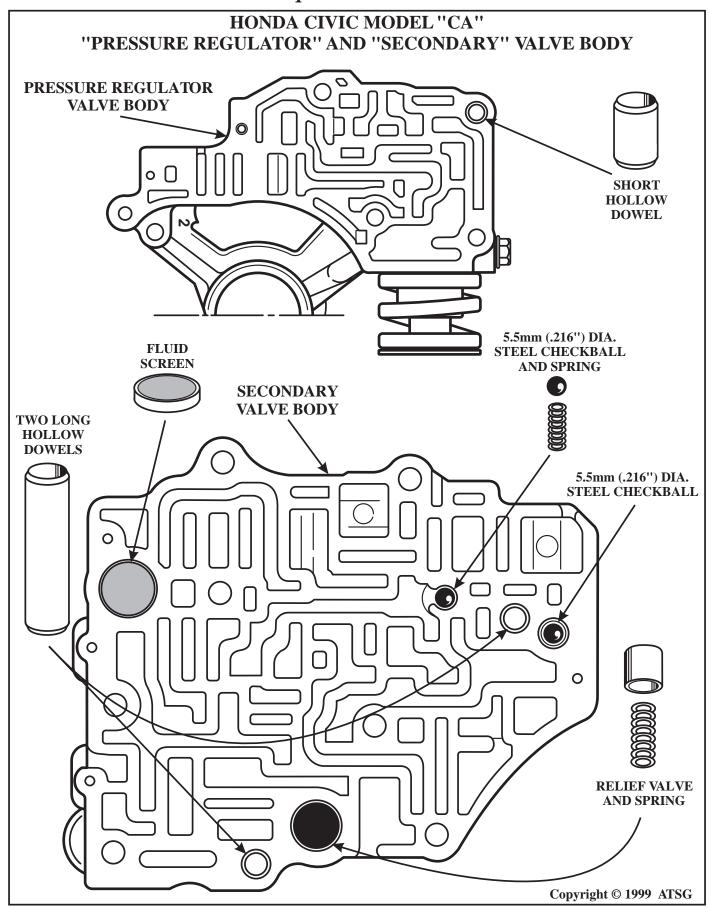




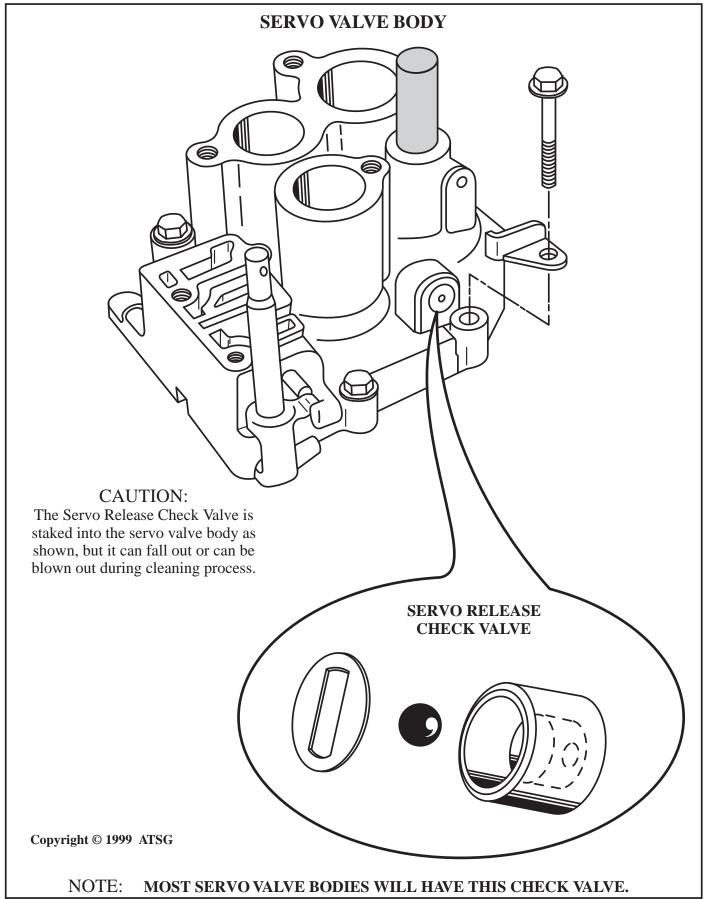






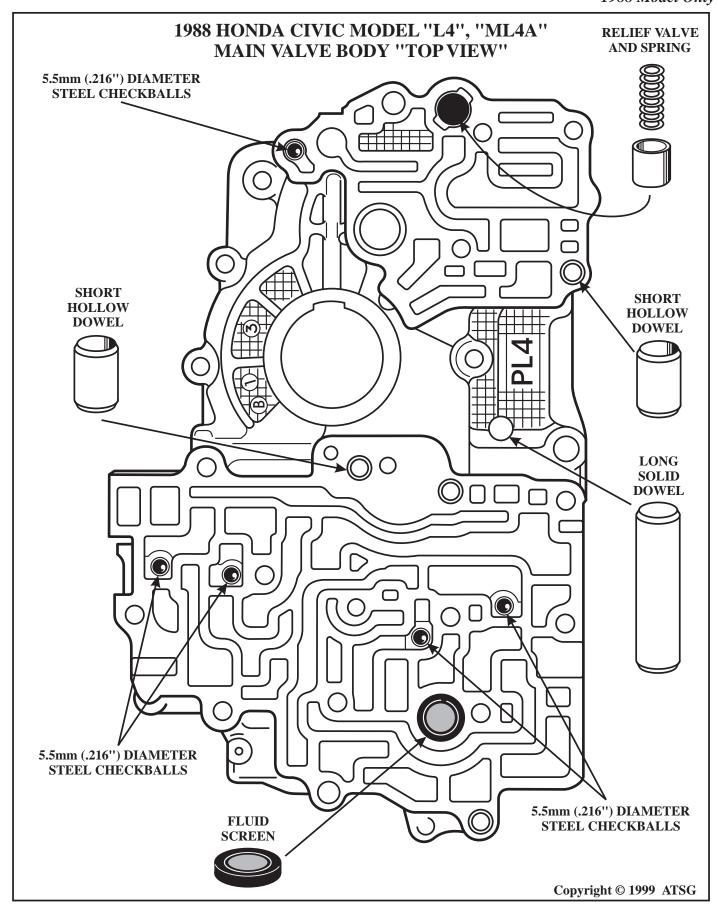






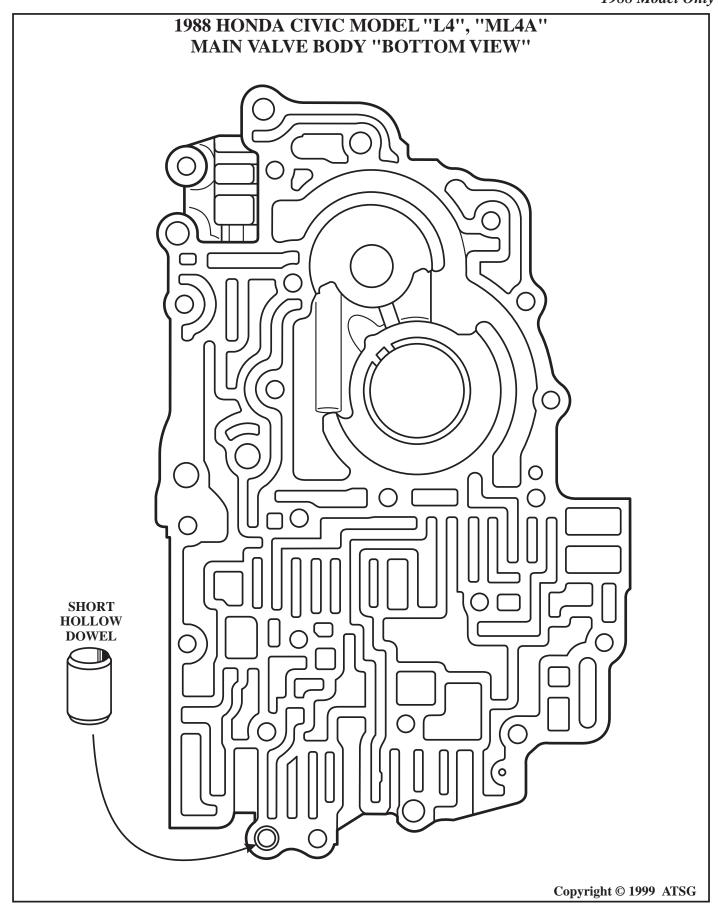


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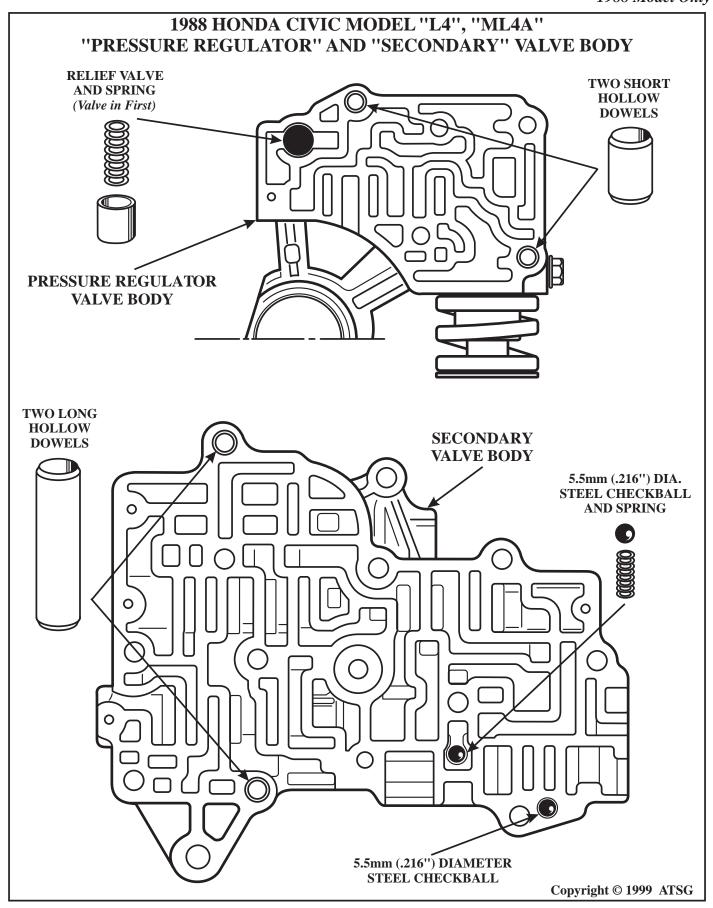


HONDA CIVIC MODEL "L4", "ML4A" 1988 Model Only



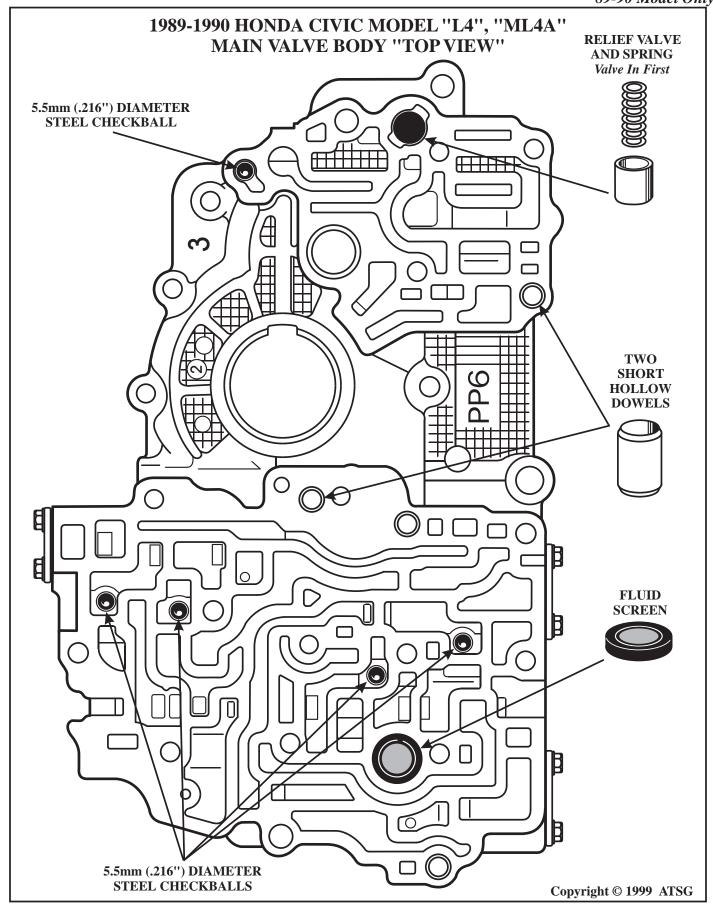


HONDA CIVIC MODEL "L4", "ML4A" 1988 Model Only



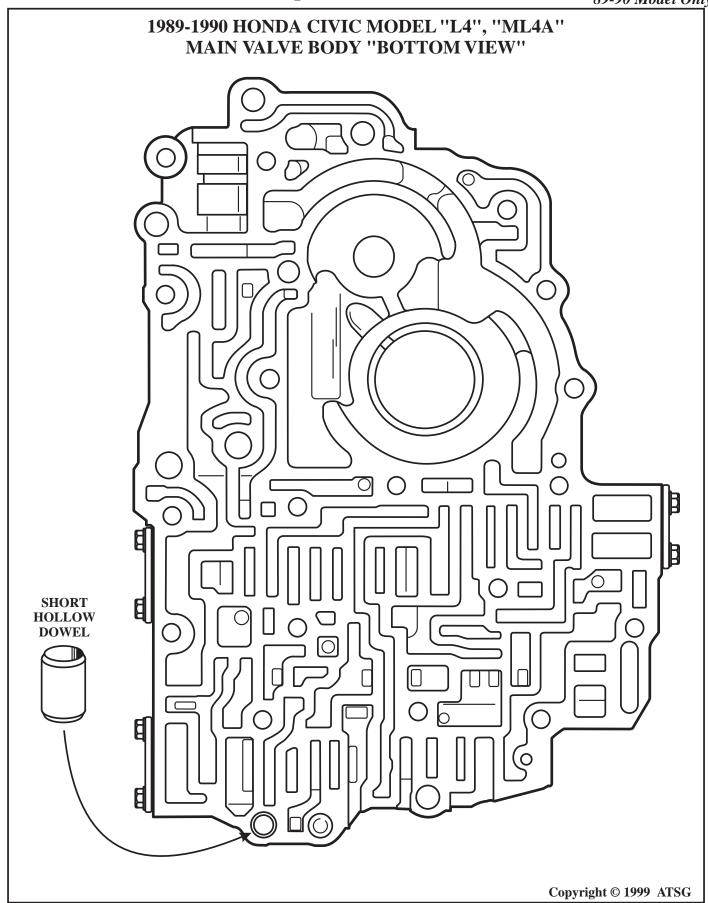


HONDA CIVIC MODEL "L4", "ML4A" 89-90 Model Only



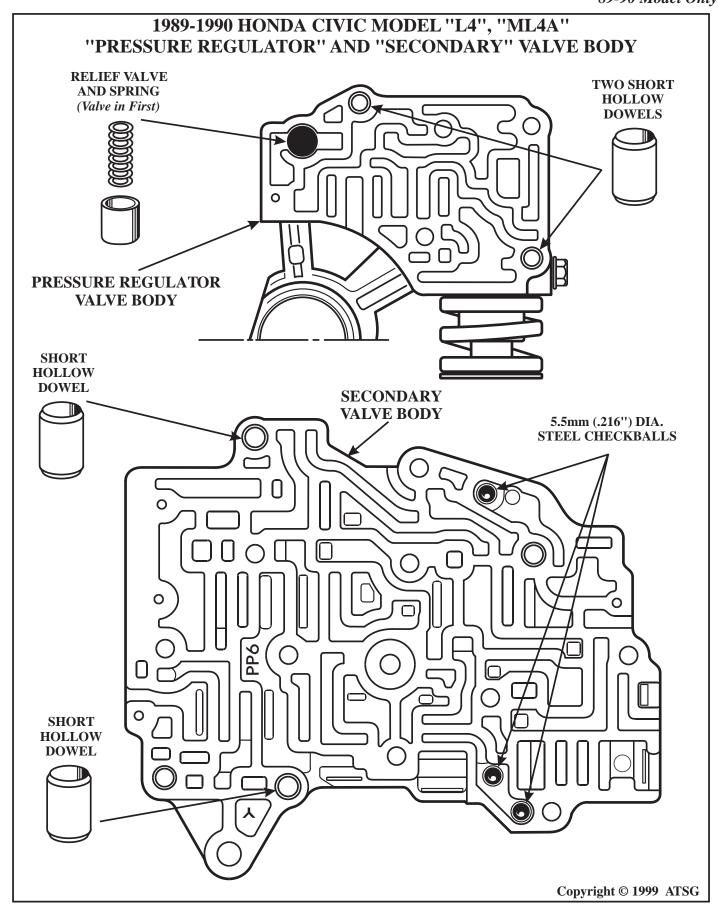


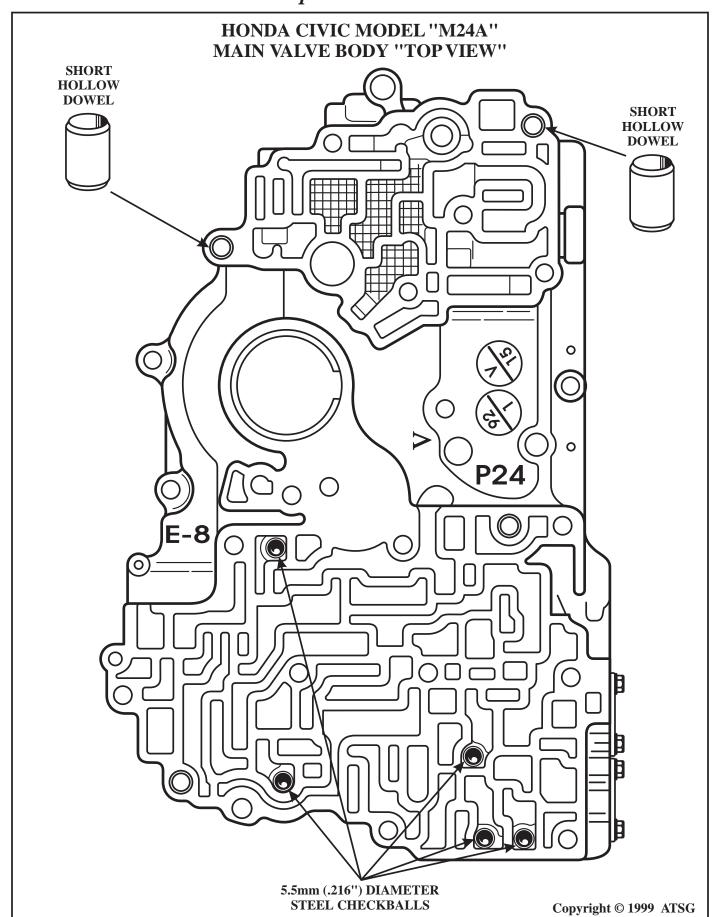
HONDA CIVIC MODEL "L4", "ML4A" 89-90 Model Only



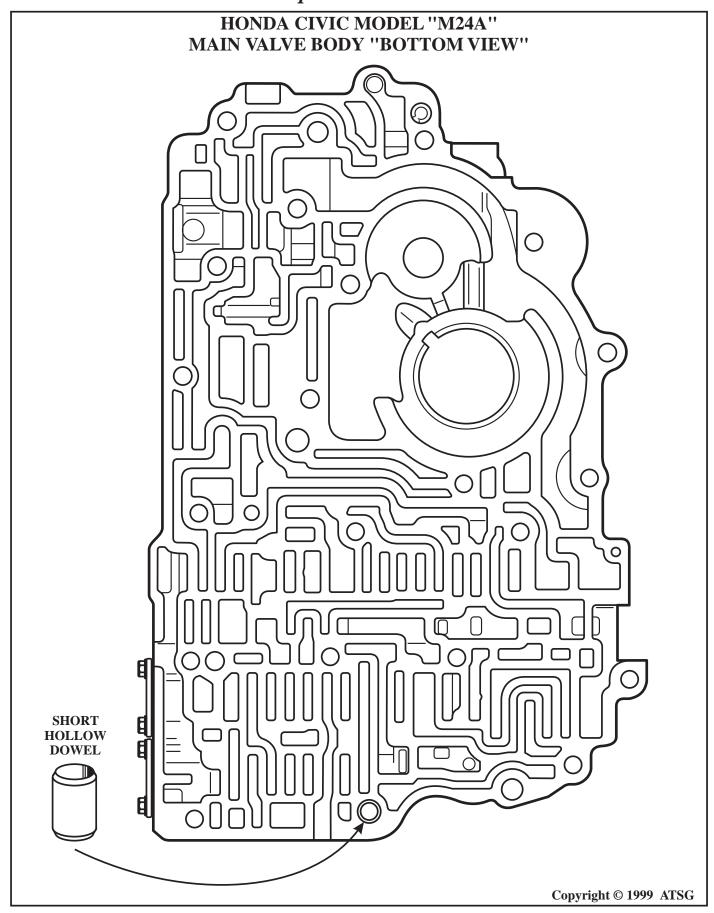


HONDA CIVIC MODEL "L4", "ML4A" 89-90 Model Only









CHECKBALLBOOK

HONDA CIVIC MODEL "M24A"

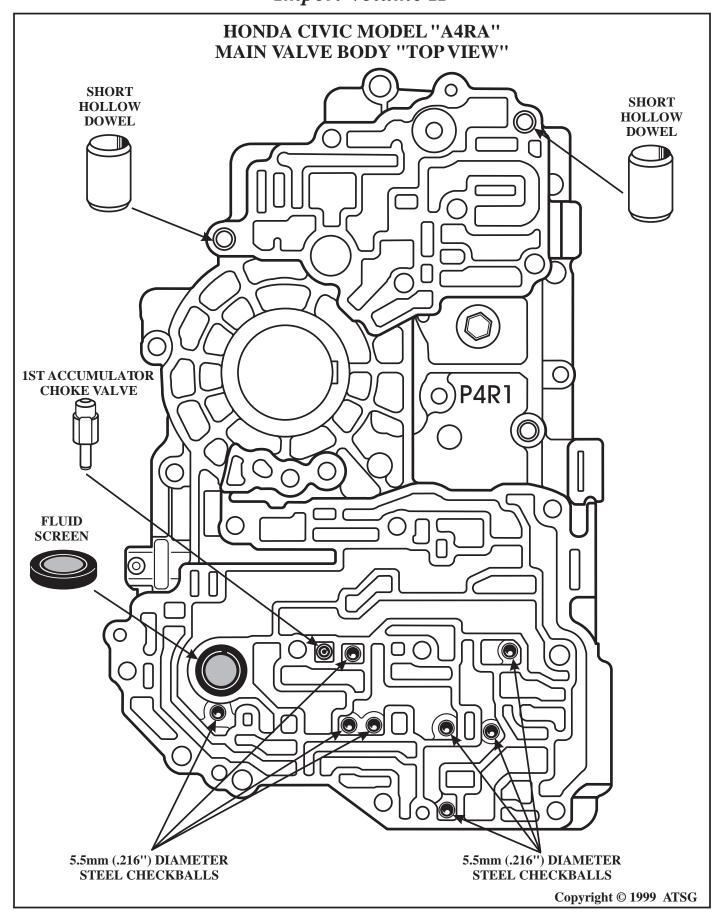
Import Volume II HONDA CIVIC MODEL "M24A" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY PRESSURE REGULATOR **RELIEF VALVES** AND SPRINGS **VALVE BODY SHORT HOLLOW DOWEL** ō **SHORT HOLLOW DOWEL** 1ST ACCUM. **CHOKE VALVE** 5.5mm (.216") DIA. **SECONDARY** STEEL CHECKBALLS VALVE BODY 0 LONG **HOLLOW DOWEL** LONG **HOLLOW DOWEL FLUID**

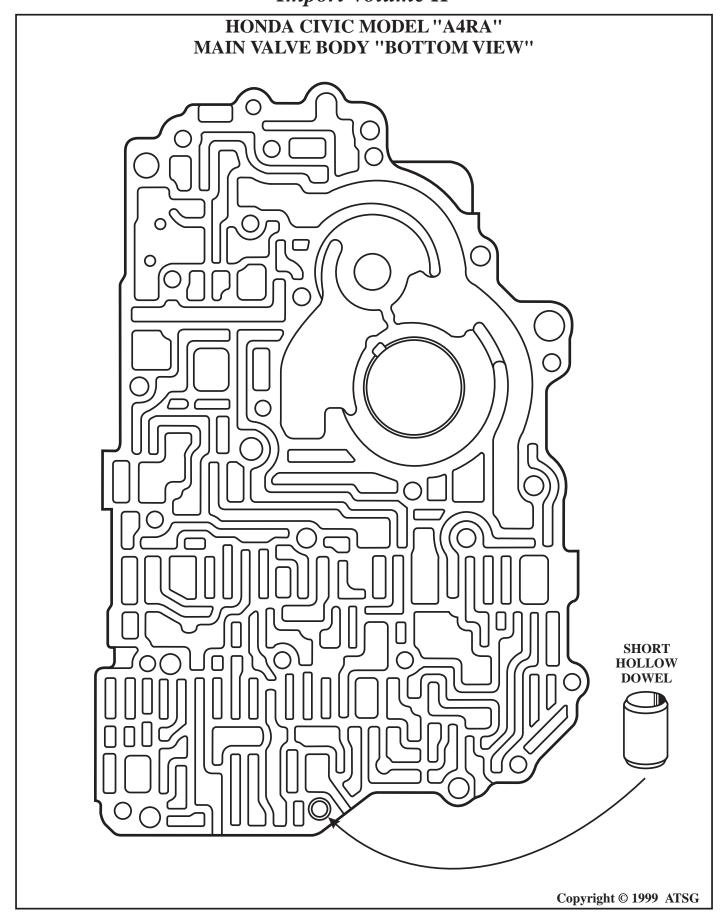
SCREEN

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HONDA CIVIC MODEL "A4RA"





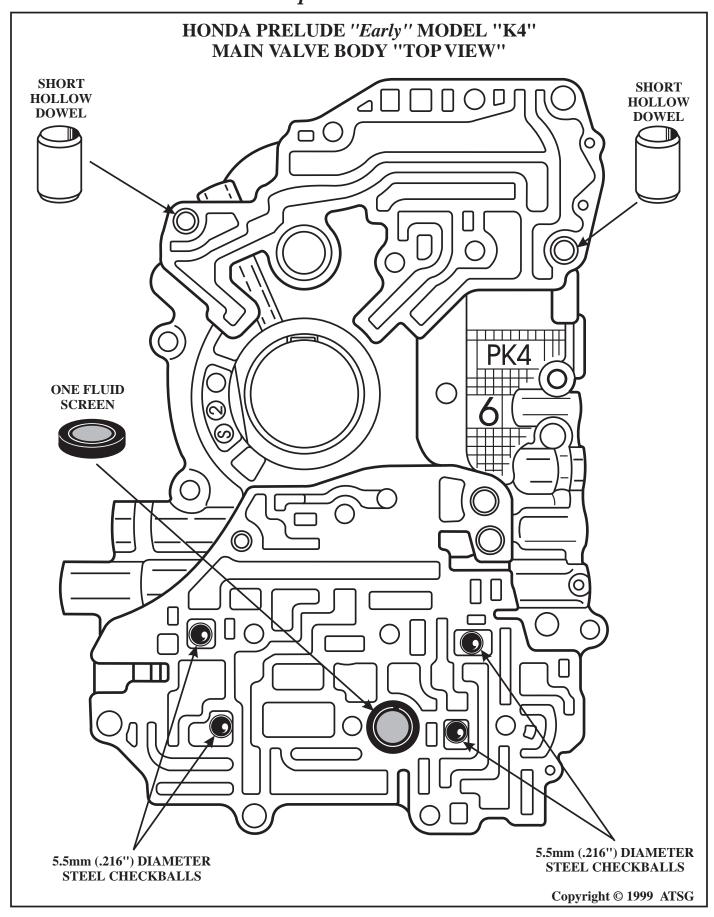


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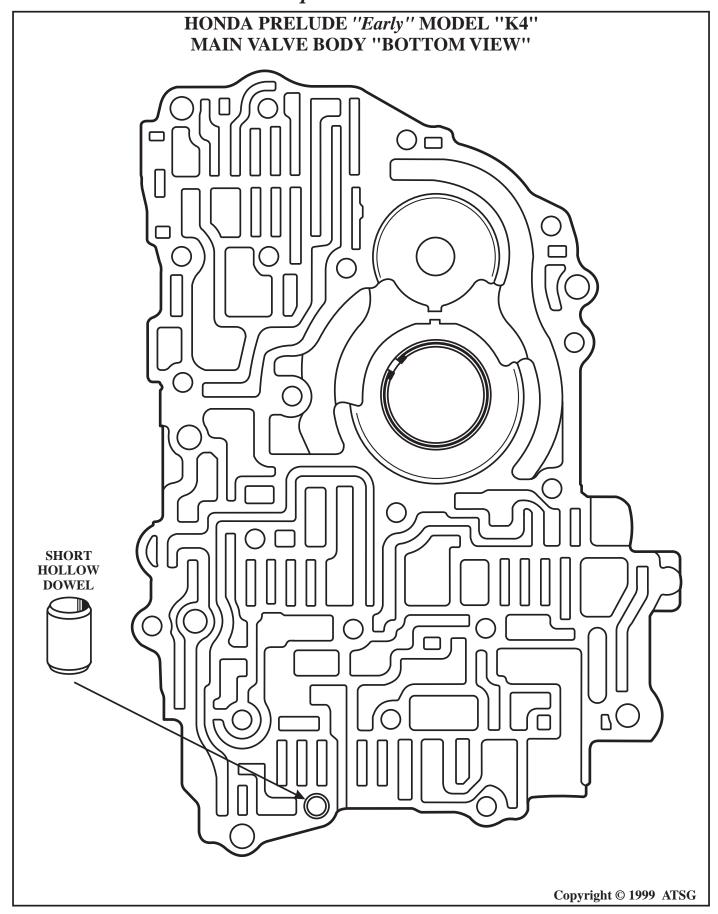
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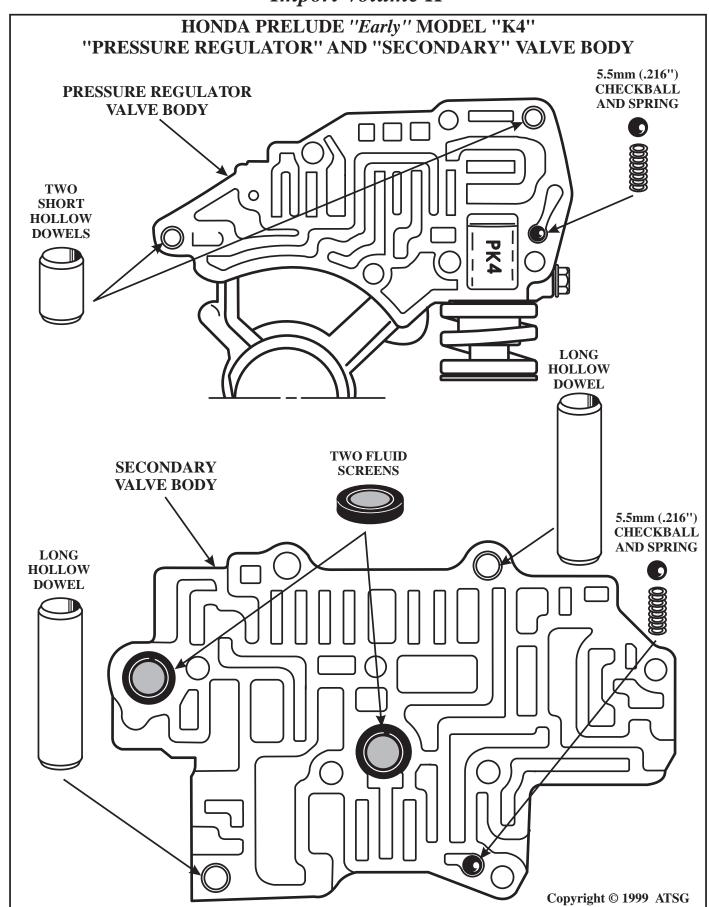
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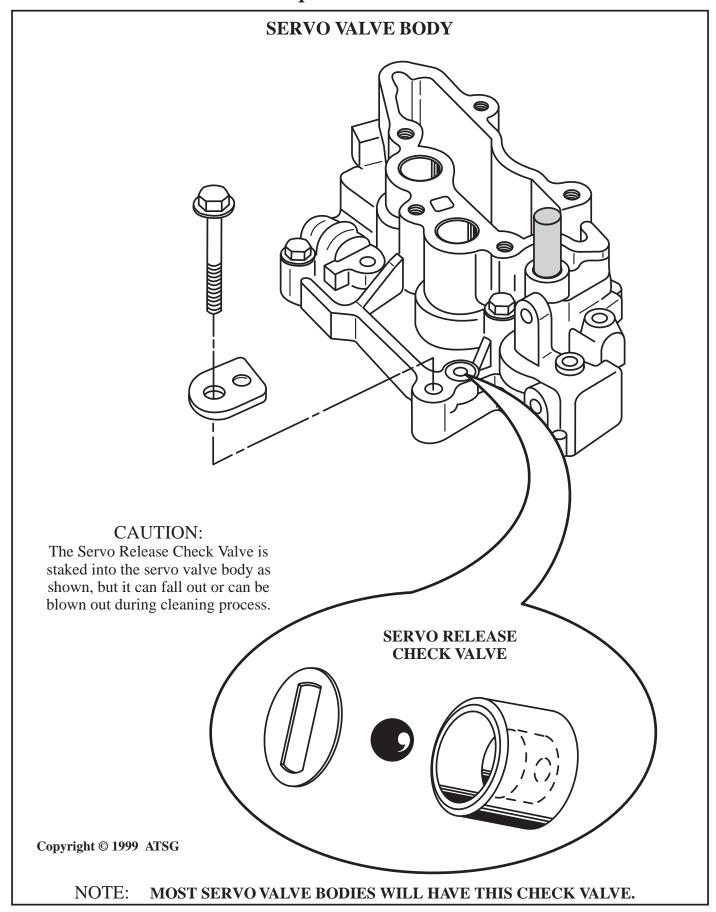




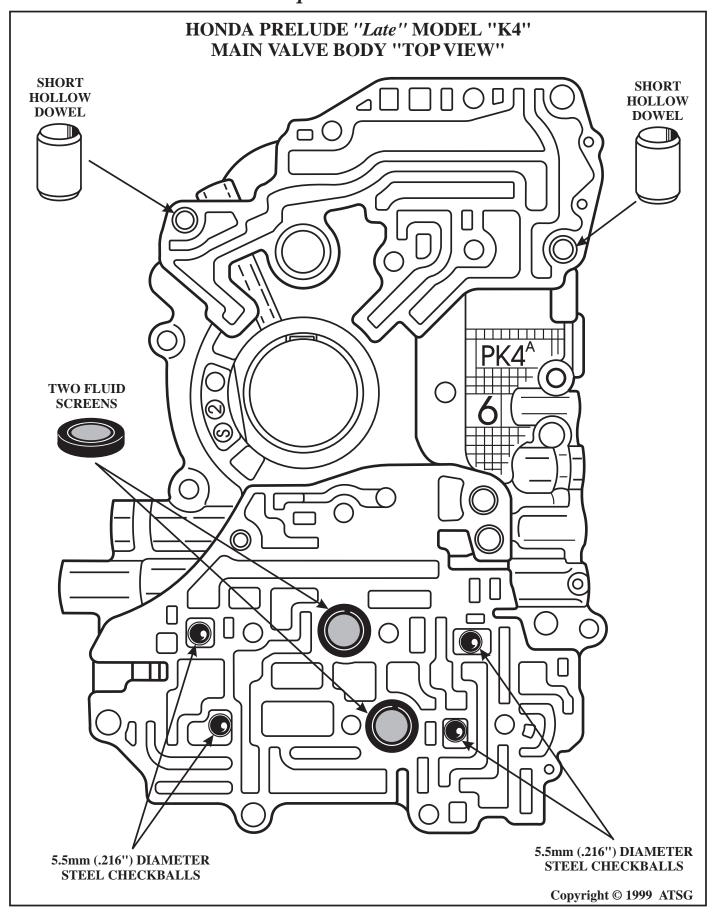




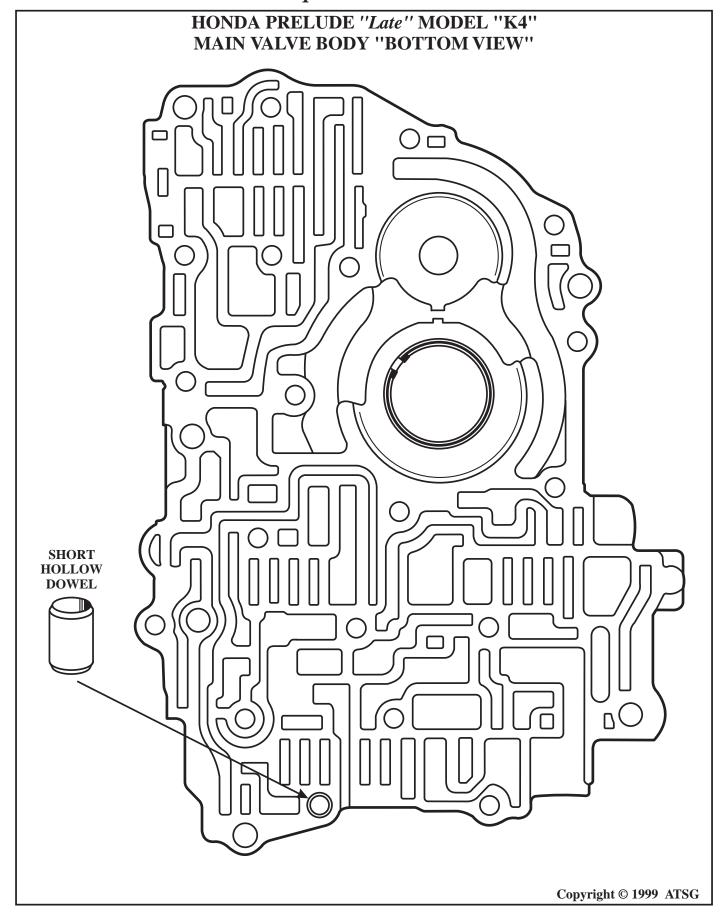




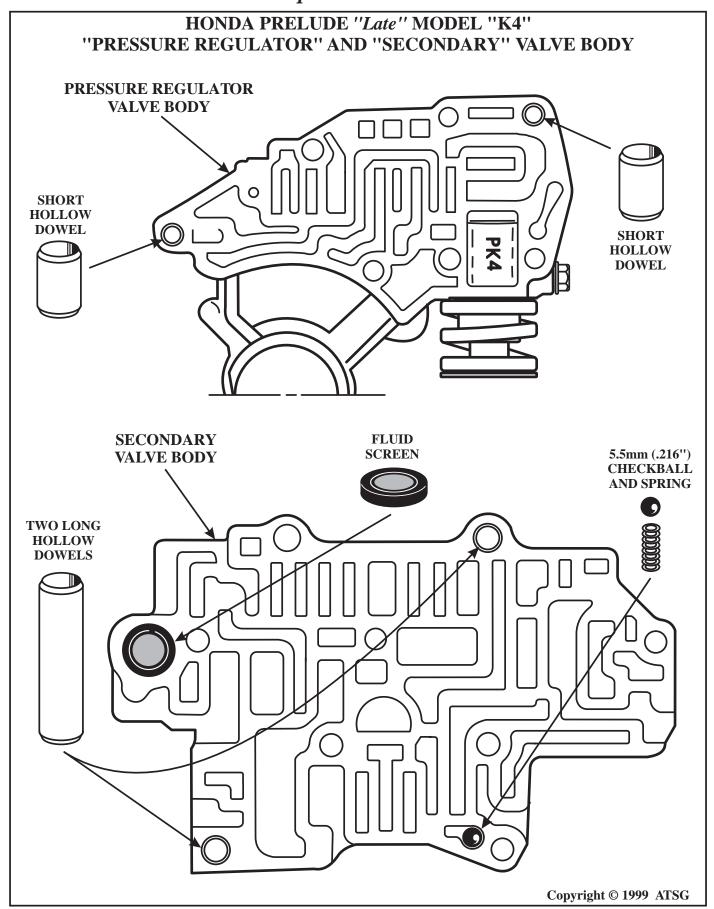




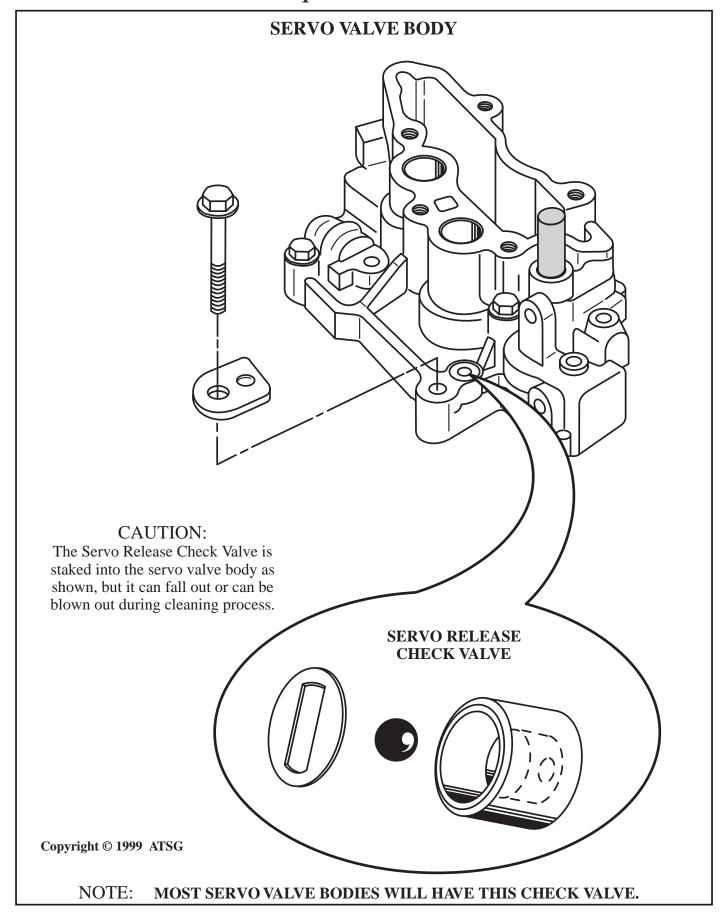


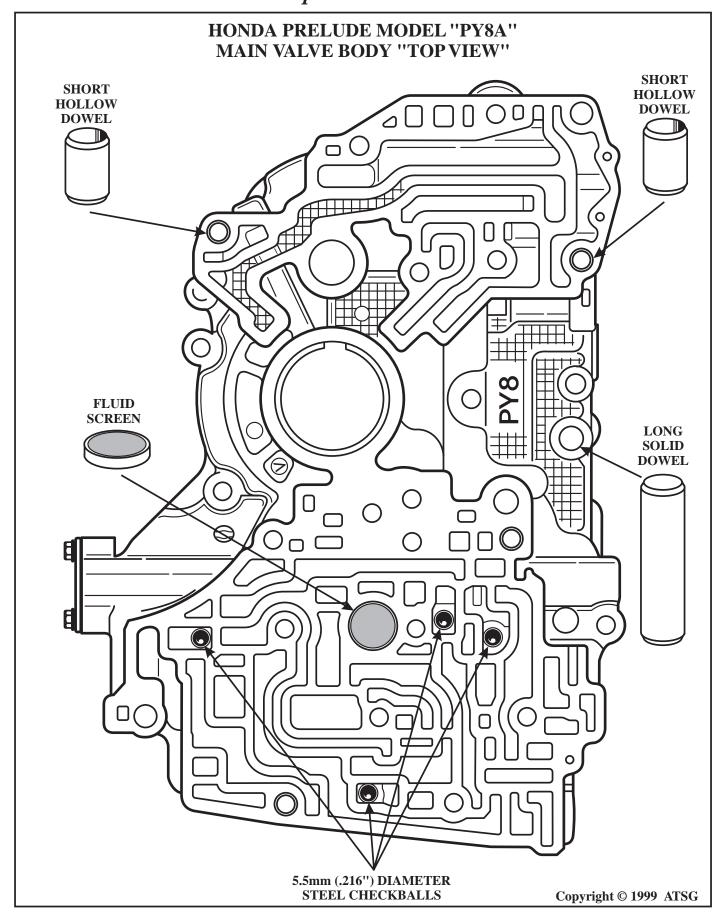




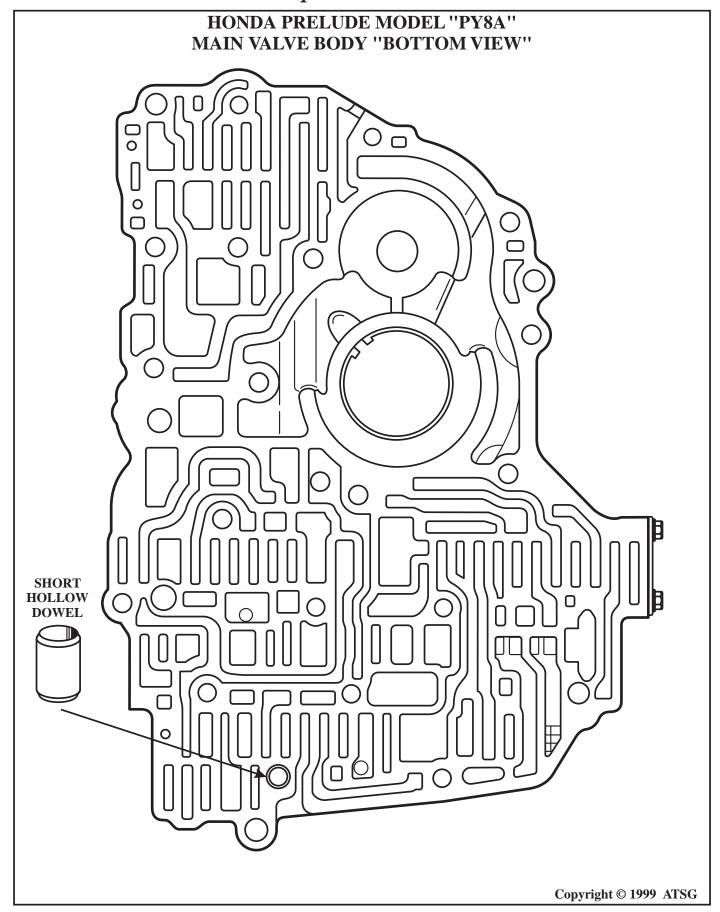


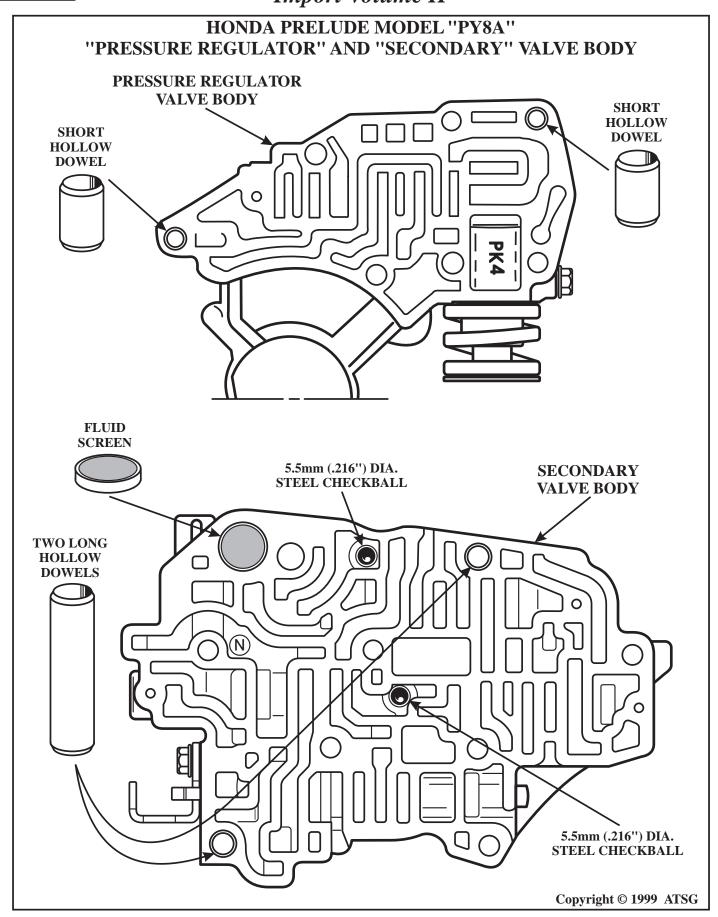






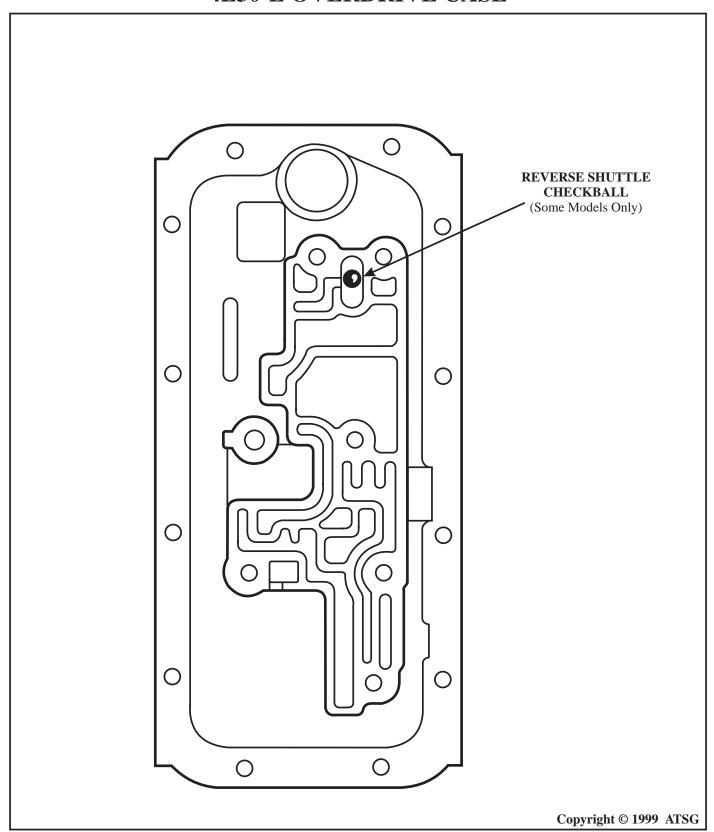




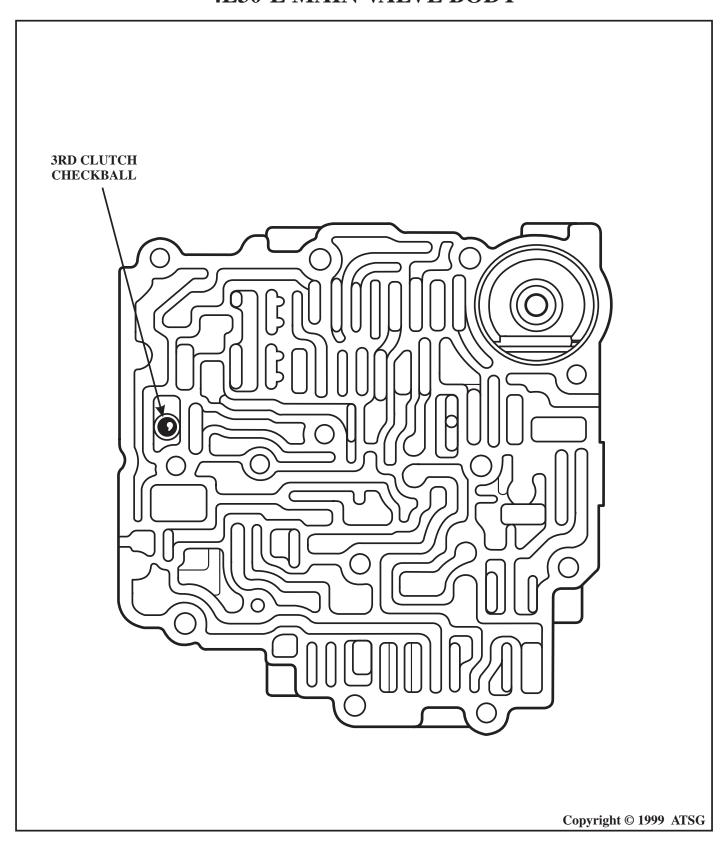


HONDA PASSPORT (4L30-E)

HONDA PASSPORT CHECKBALL LOCATIONS 4L30-E OVERDRIVE CASE

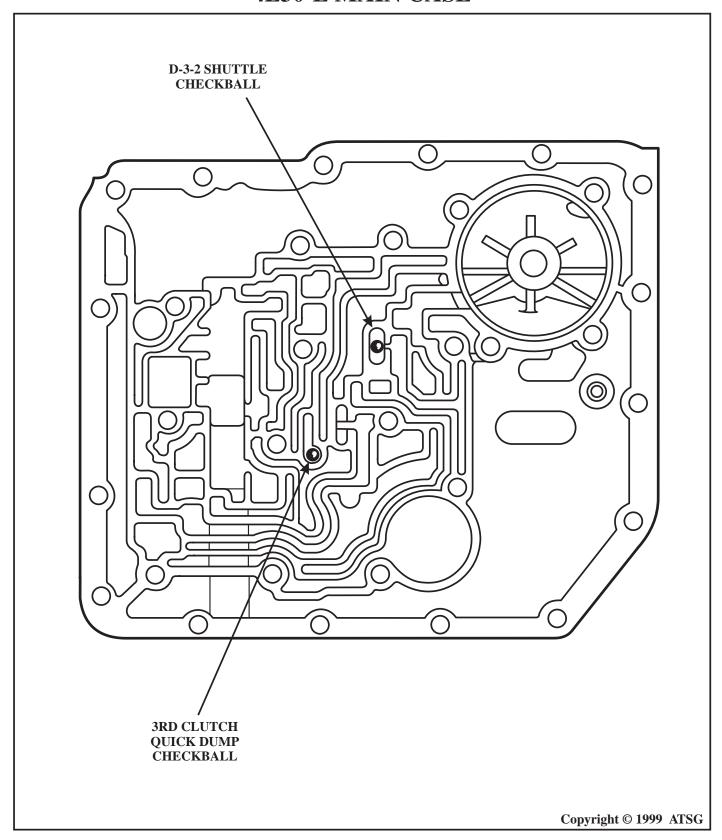


HONDA PASSPORT CHECKBALL LOCATIONS 4L30-E MAIN VALVE BODY

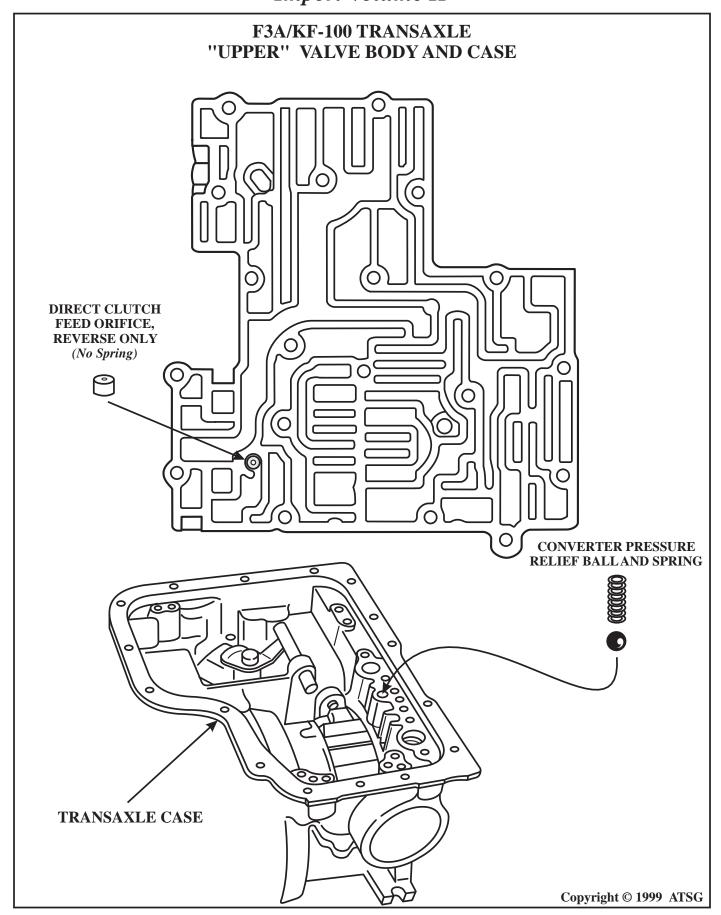


HONDA PASSPORT (4L30-E)

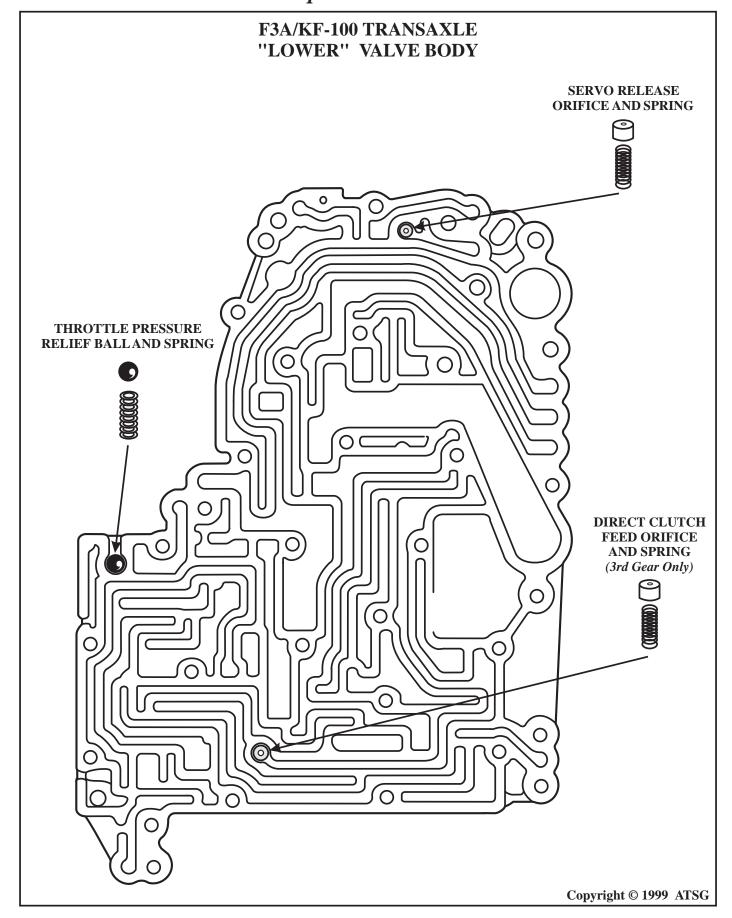
HONDA PASSPORT CHECKBALL LOCATIONS 4L30-E MAIN CASE





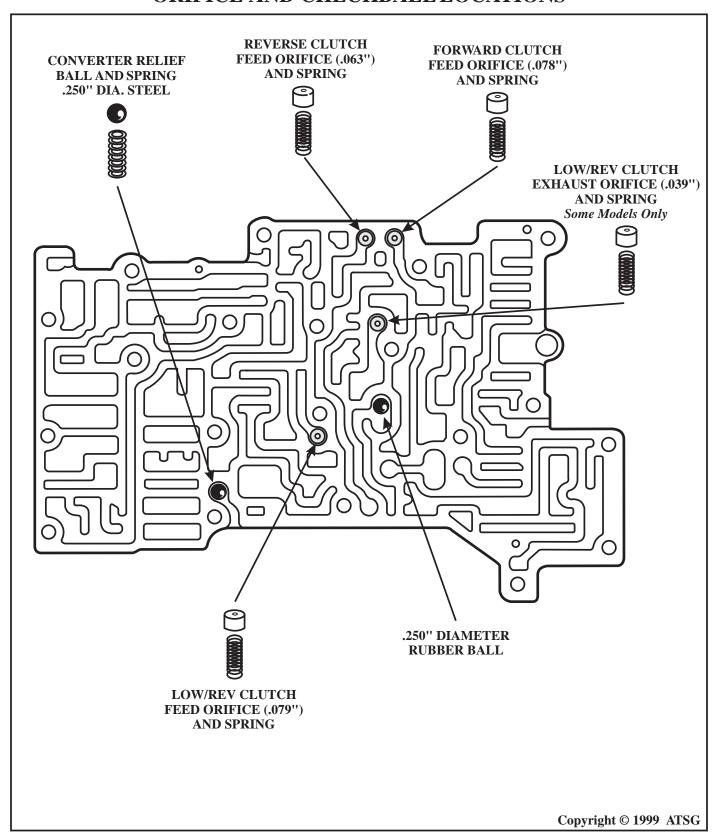






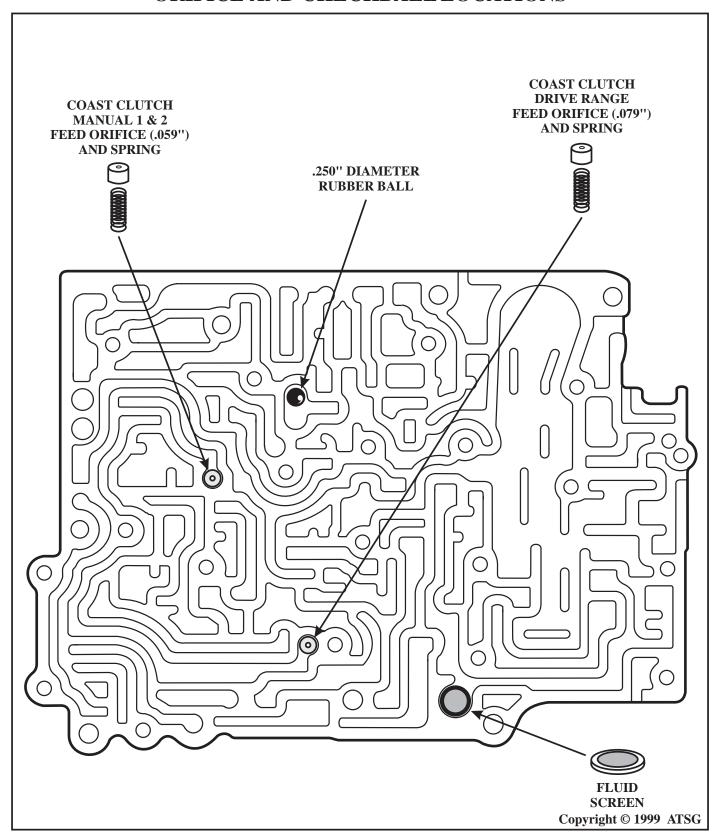


MAZDA G4A-HL "REAR" CONTROL VALVE BODY ORIFICE AND CHECKBALL LOCATIONS



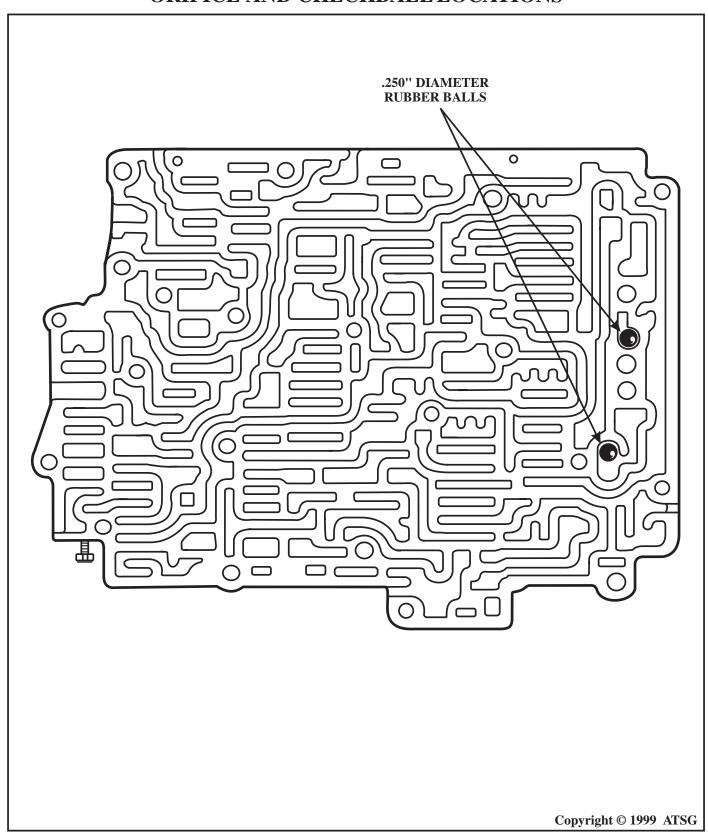


MAZDA G4A-HL "MAIN" CONTROL VALVE BODY, REAR BODY SIDE ORIFICE AND CHECKBALL LOCATIONS



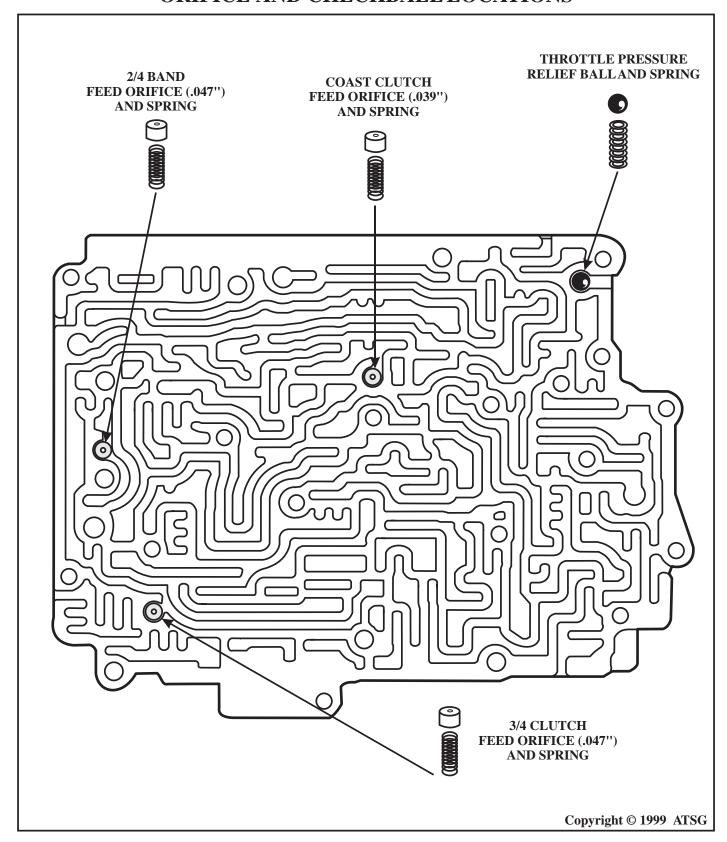


MAZDA G4A-HL "MAIN" CONTROL VALVE BODY, PREMAIN BODY SIDE ORIFICE AND CHECKBALL LOCATIONS



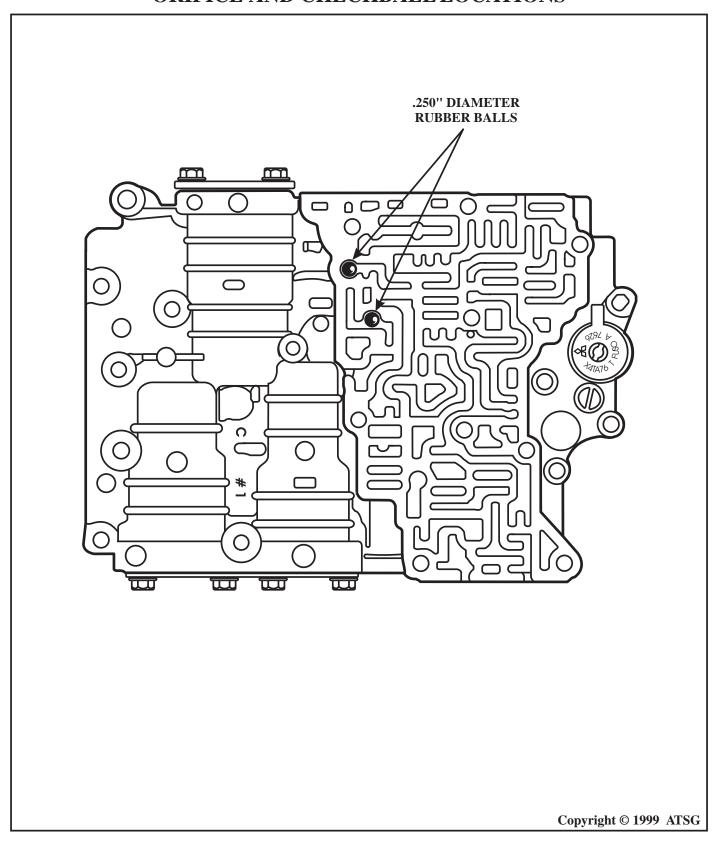


MAZDA G4A-HL "PREMAIN" CONTROL VALVE BODY, MAIN BODY SIDE ORIFICE AND CHECKBALL LOCATIONS





MAZDA G4A-HL "PREMAIN" CONTROL VALVE BODY, FRONT BODY SIDE ORIFICE AND CHECKBALL LOCATIONS





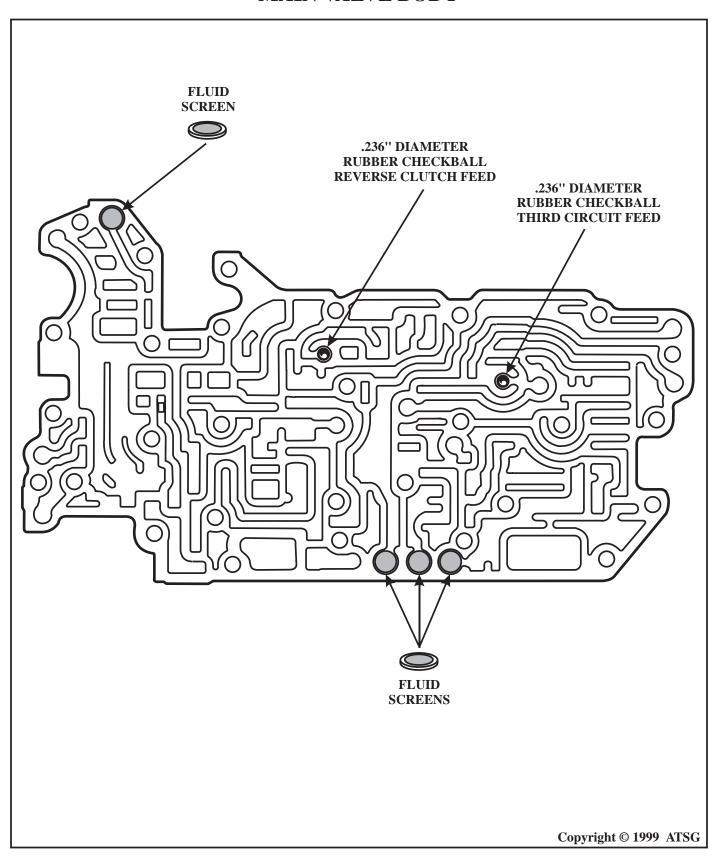
We wish to thank the following for supplying the actual valve bodies that have made these illustrations possible.



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MIAMI, FLORIDA 33135
TOLL FREE (800) 966-4621
PHONE (305) 642-4621
FAX (305) 541-1444

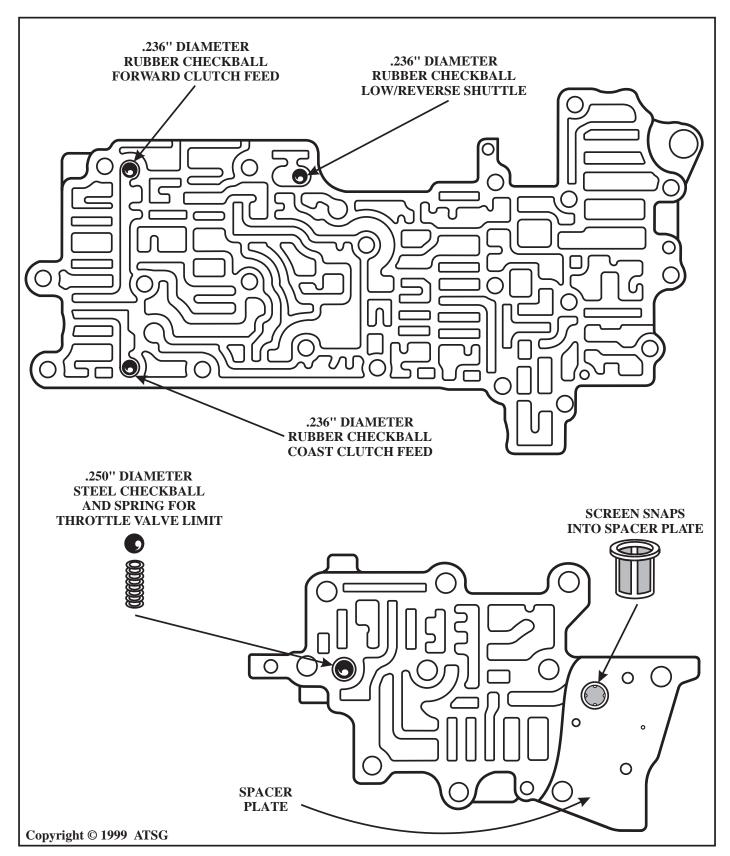


MAZDA F4A-EL MAIN VALVE BODY



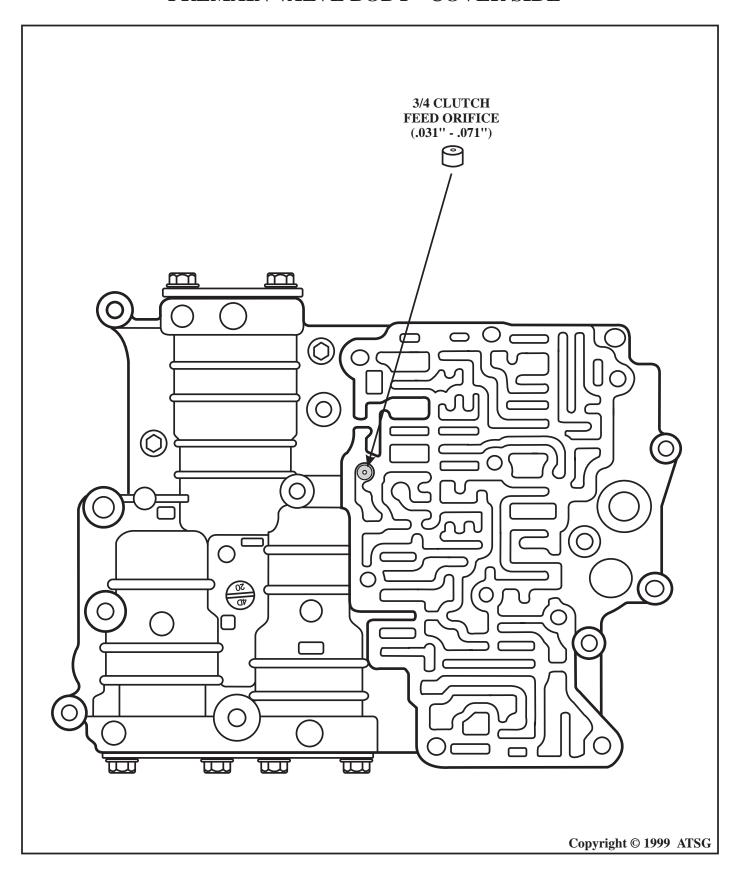


MAZDA F4A-EL LOWER VALVE BODY AND THROTTLE VALVE BODY



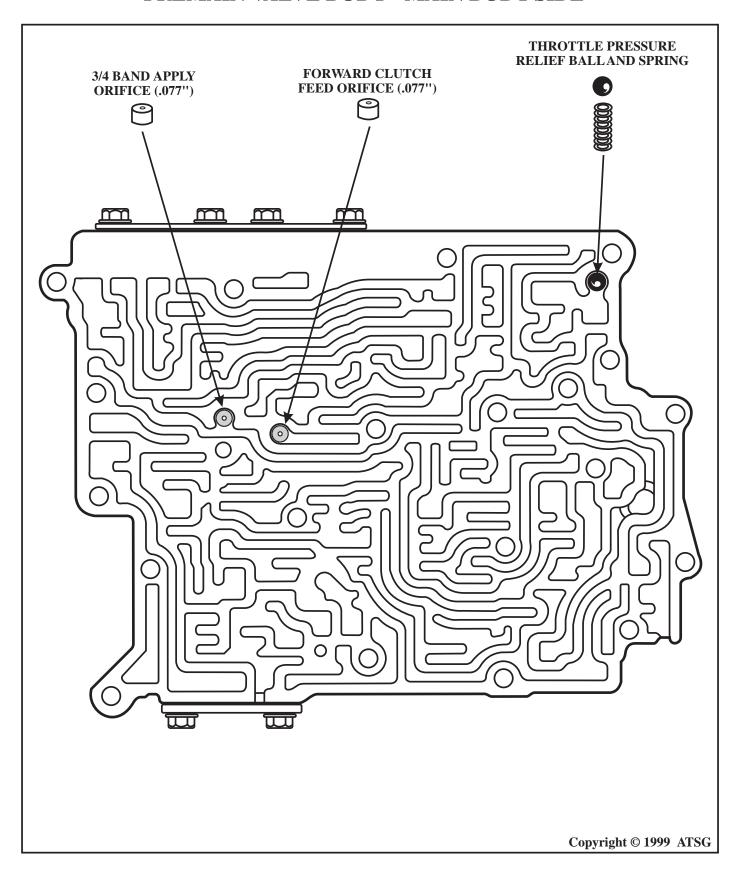


MAZDA G4A-EL PREMAIN VALVE BODY "COVER SIDE"





MAZDA G4A-EL PREMAIN VALVE BODY "MAIN BODY SIDE"

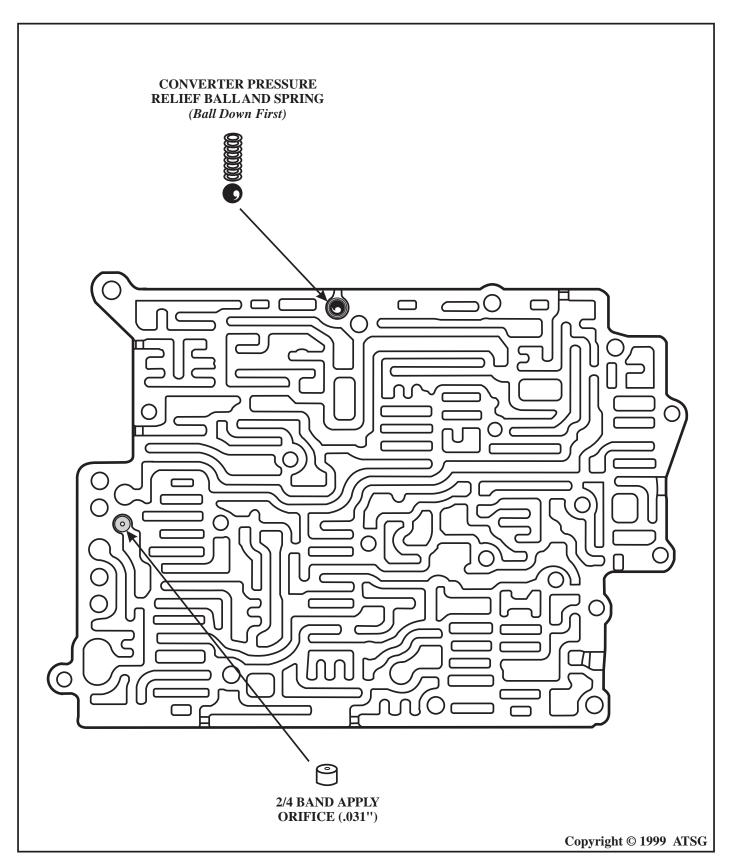




CHECKBALL BOOK

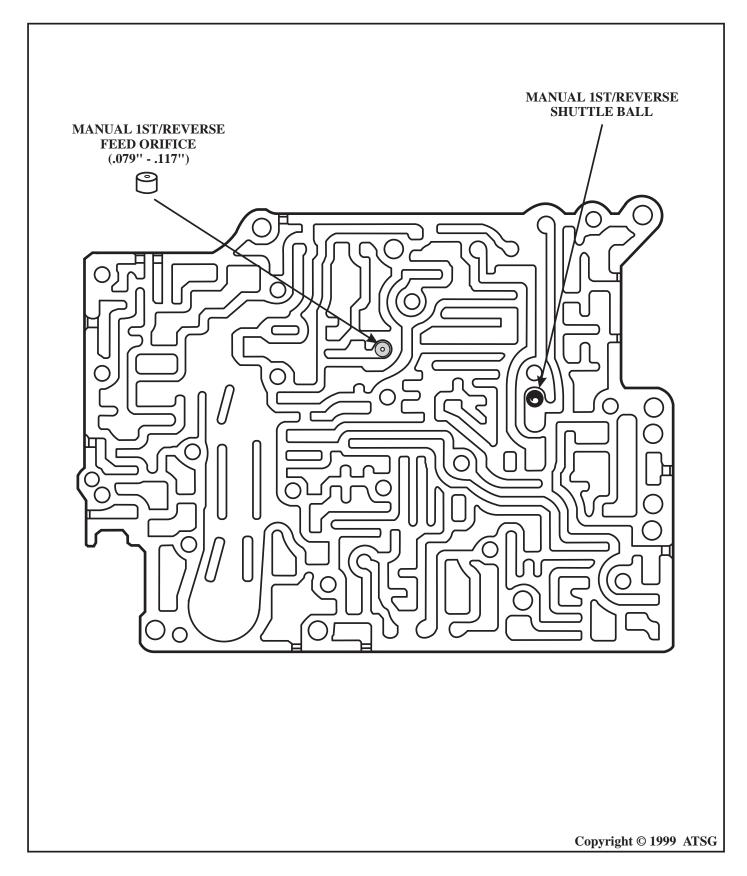
Import Volume II

MAZDA G4A-EL MAIN VALVE BODY "PREMAIN BODY SIDE"





MAZDA G4A-EL MAIN VALVE BODY "REAR BODY SIDE"

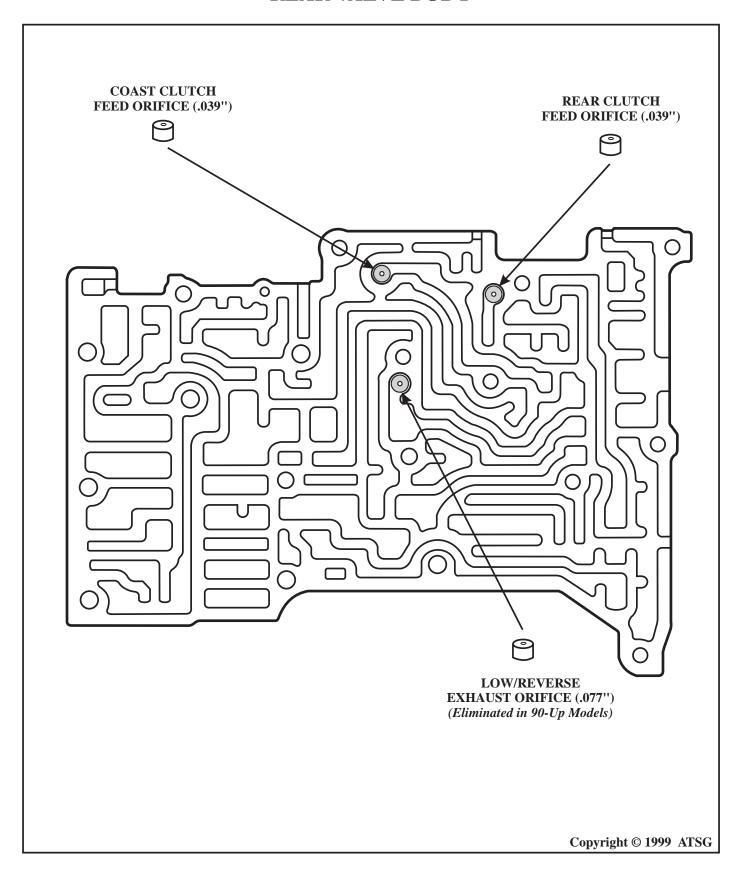




CHECKBALL BOOK

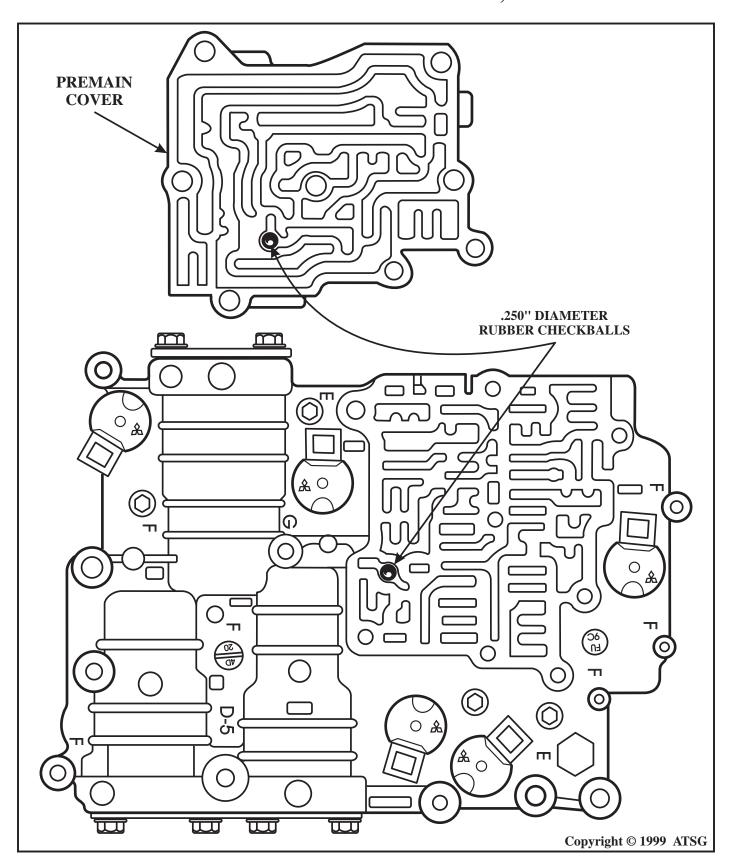
Import Volume II

MAZDA G4A-EL REAR VALVE BODY



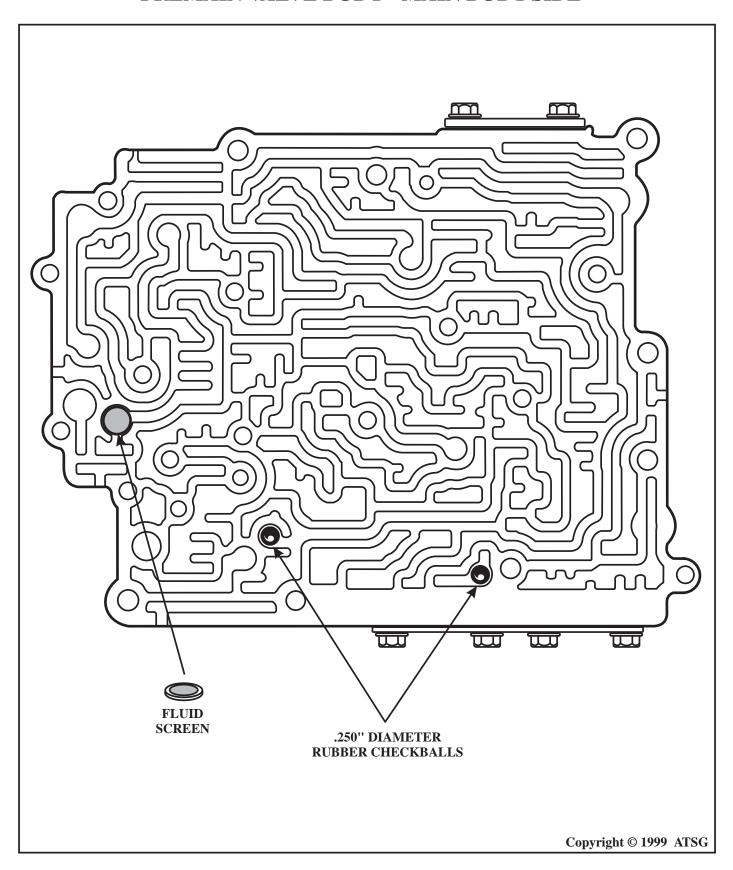
MAZDA GF4A-EL 7 Solenoid

MAZDA GF4A-EL, 7 SOLENOID PREMAIN VALVE BODY "COVER SIDE", AND COVER



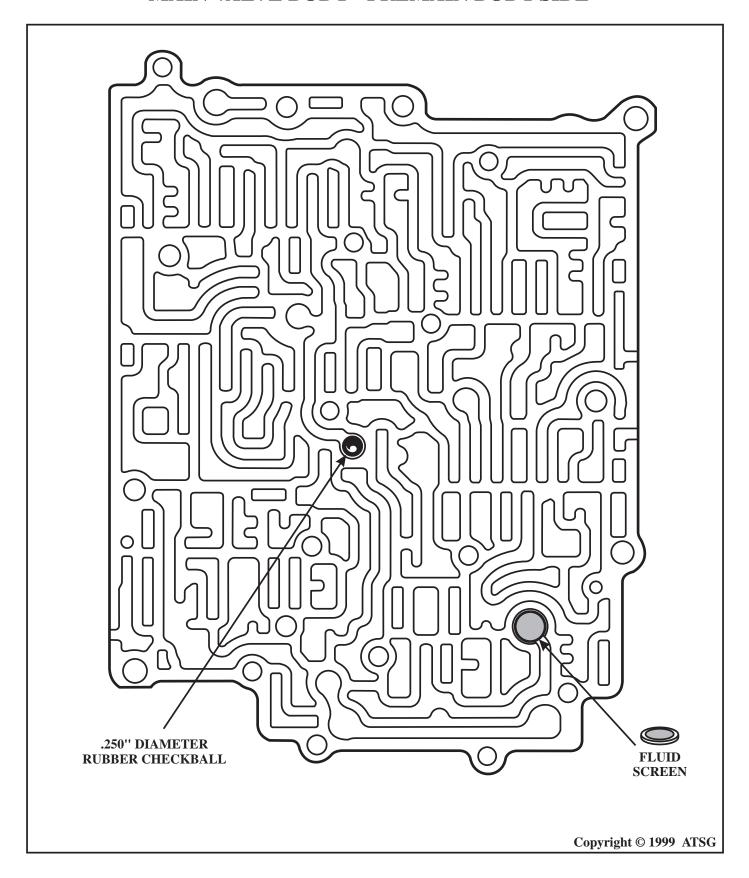
MAZDA GF4A-EL 7 Solenoid

MAZDA GF4A-EL, 7 SOLENOID PREMAIN VALVE BODY "MAIN BODY SIDE"



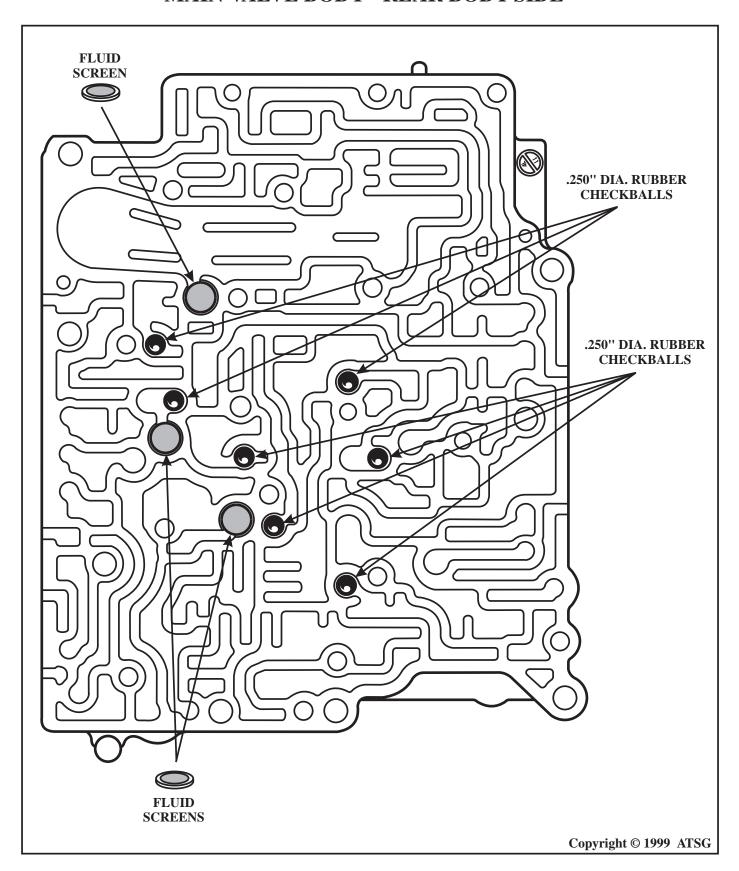
MAZDA GF4A-EL 7 Solenoid

MAZDA GF4A-EL, 7 SOLENOID MAIN VALVE BODY "PREMAIN BODY SIDE"



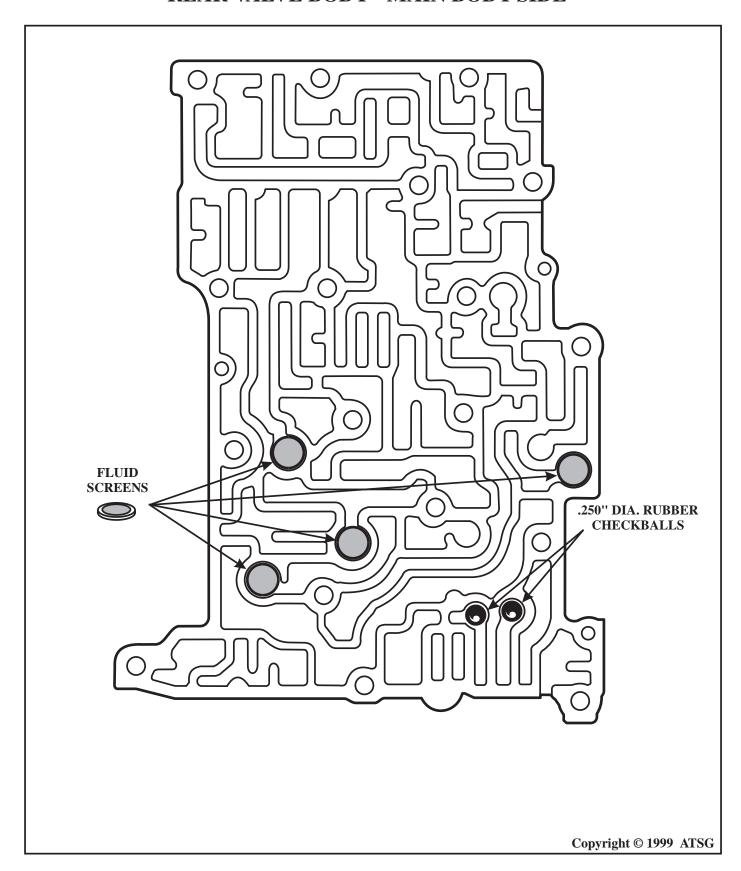
MAZDA GF4A-EL 7 Solenoid

MAZDA GF4A-EL, 7 SOLENOID MAIN VALVE BODY "REAR BODY SIDE"



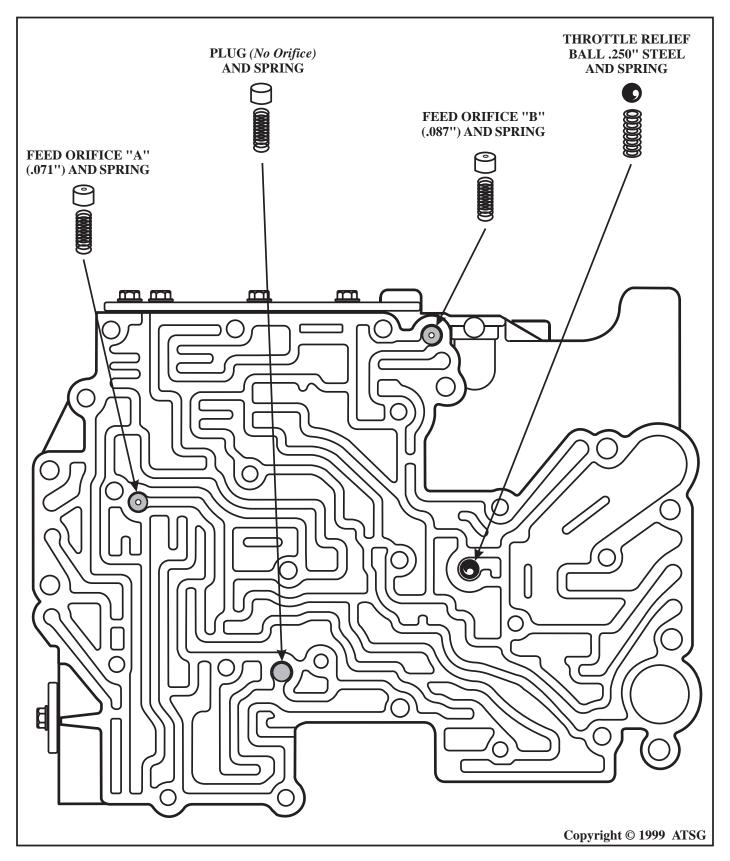
MAZDA GF4A-EL 7 Solenoid

MAZDA GF4A-EL, 7 SOLENOID REAR VALVE BODY "MAIN BODY SIDE"



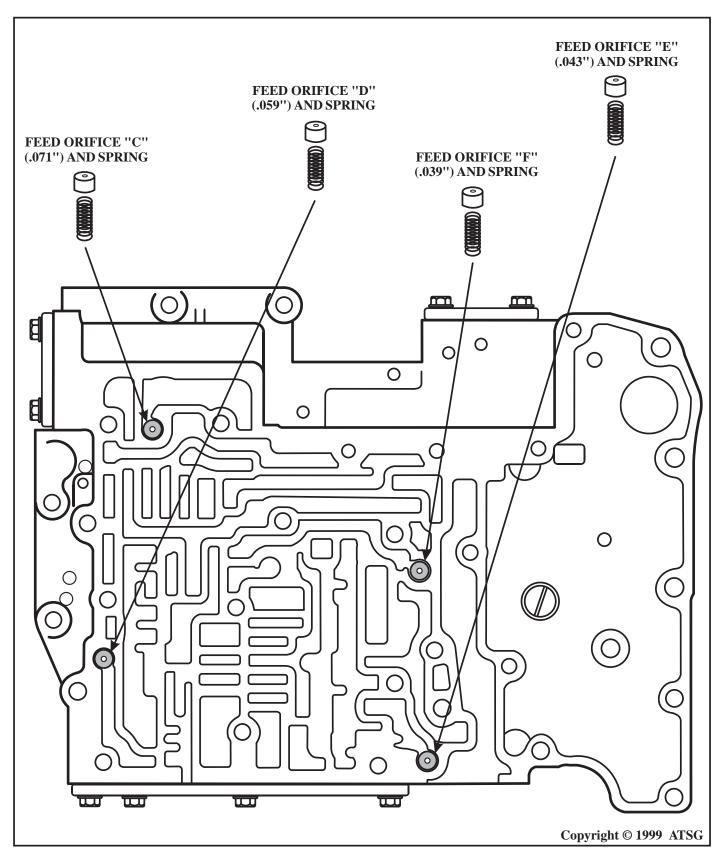


MAZDA N4A-EL LOWER VALVE BODY "UPPER BODY SIDE"





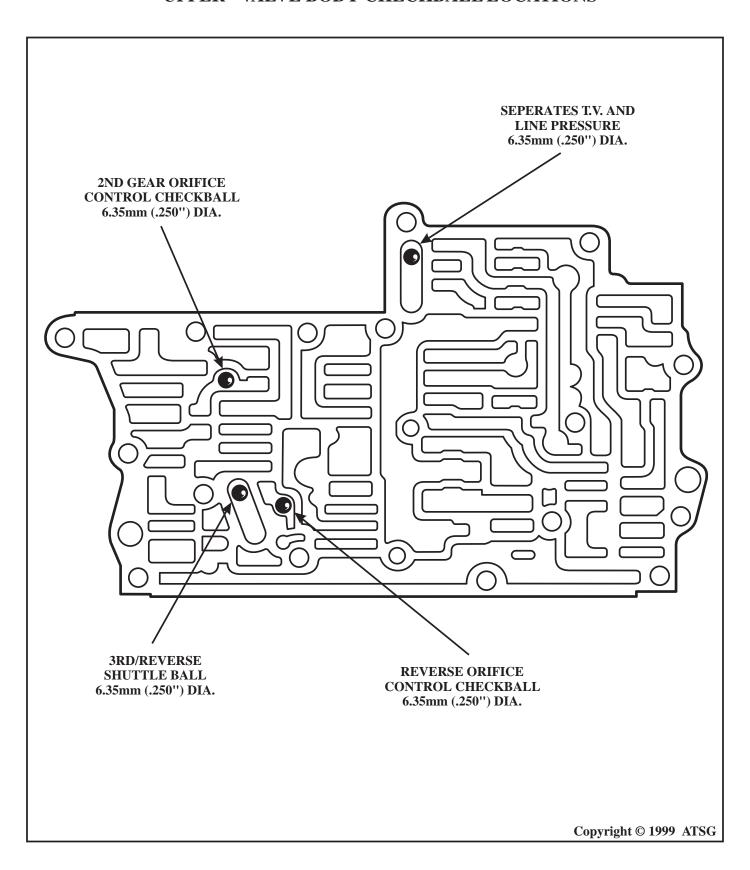
MAZDA N4A-EL LOWER VALVE BODY "COVER SIDE"





MITSUBISHI KM 170 KM 171 KM 172

MITSUBISHI KM171 "UPPER" VALVE BODY CHECKBALL LOCATIONS

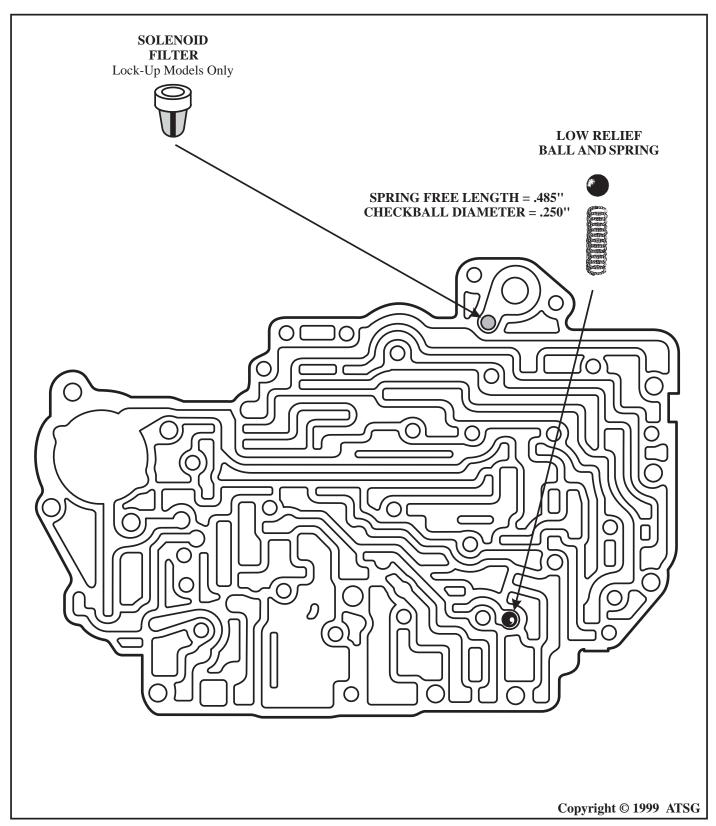




MITSUBISHI KM 170 KM 171 KM 172

MITSUBISHI KM171

INTERMEDIATE PLATE "UPPER" VALVE BODY SIDE CHECKBALL LOCATIONS

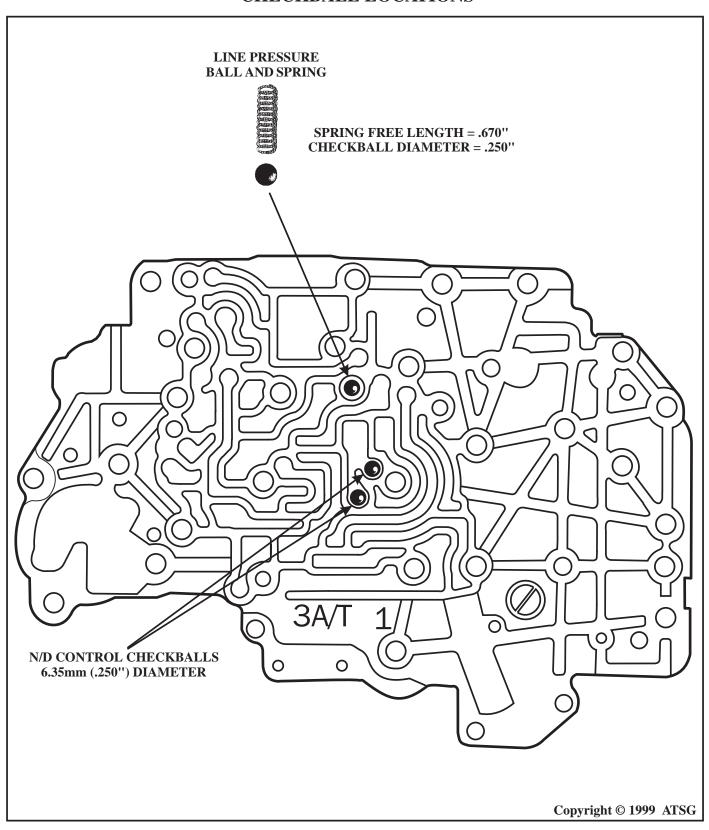




MITSUBISHI KM 170 KM 171 KM 172

MITSUBISHI KM171

INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE CHECKBALL LOCATIONS





We wish to thank the following for supplying the actual valve bodies that have made these illustrations possible.

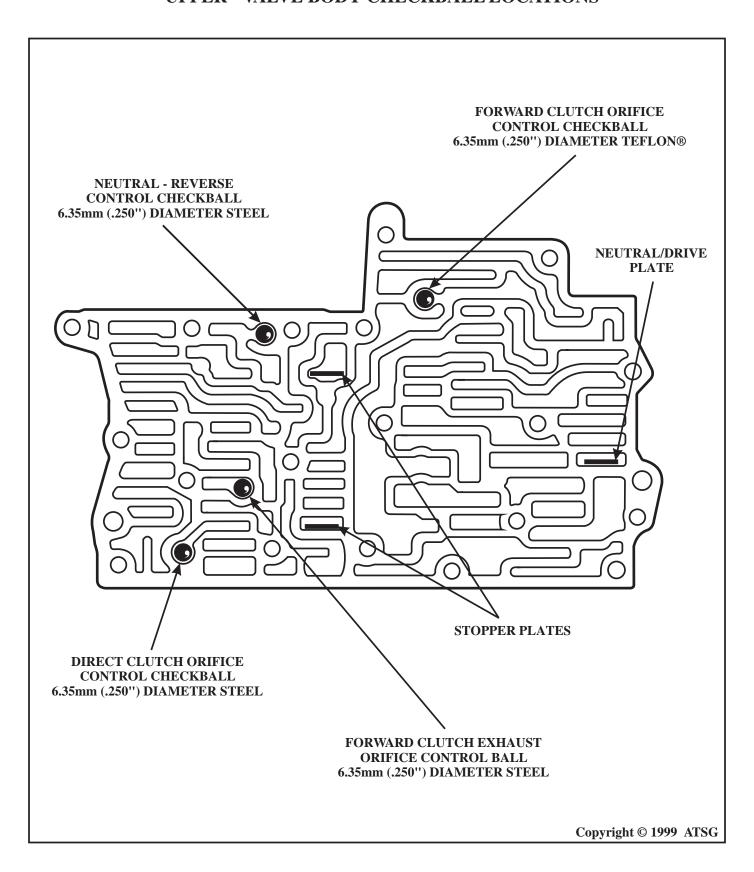


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MITSUBISHI KM 175 KM 176 KM 177

MITSUBISHI KM175, KM176, KM177 "UPPER" VALVE BODY CHECKBALL LOCATIONS

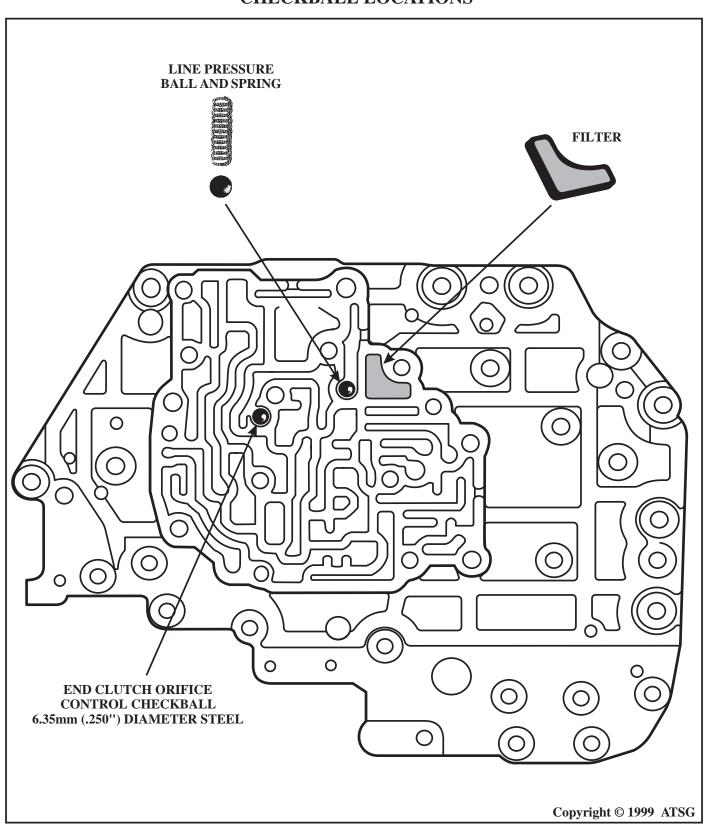




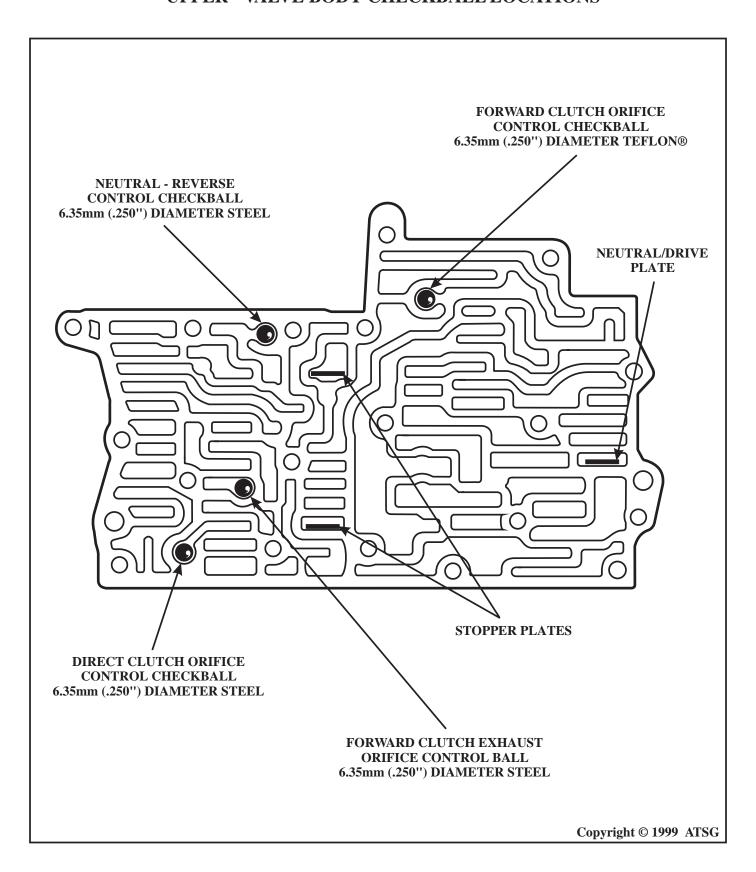
MITSUBISHI KM 175 KM 176 KM 177

MITSUBISHI KM175, KM176, KM177

INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE CHECKBALL LOCATIONS



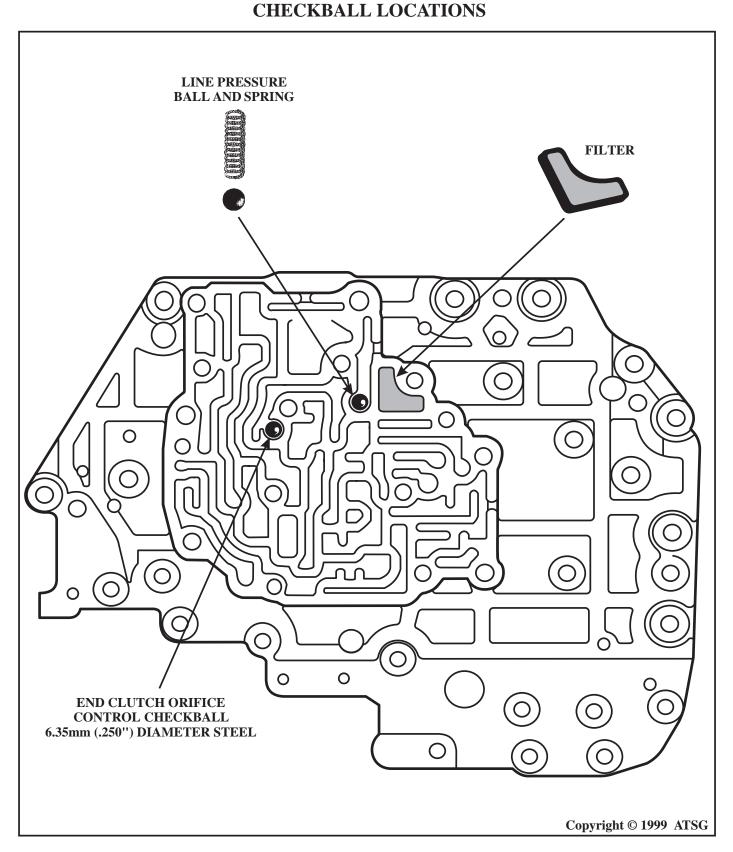
MITSUBISHI F4A3, W4A3 "UPPER" VALVE BODY CHECKBALL LOCATIONS





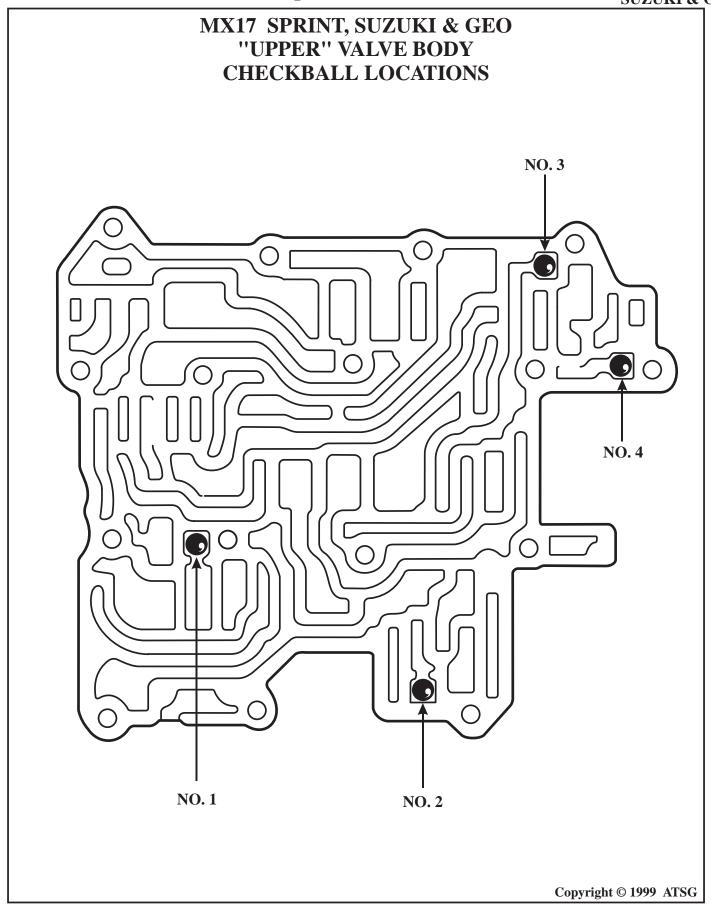
MITSUBISHI F4A3 W4A3

MITSUBISHI F4A3, W4A3 INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE



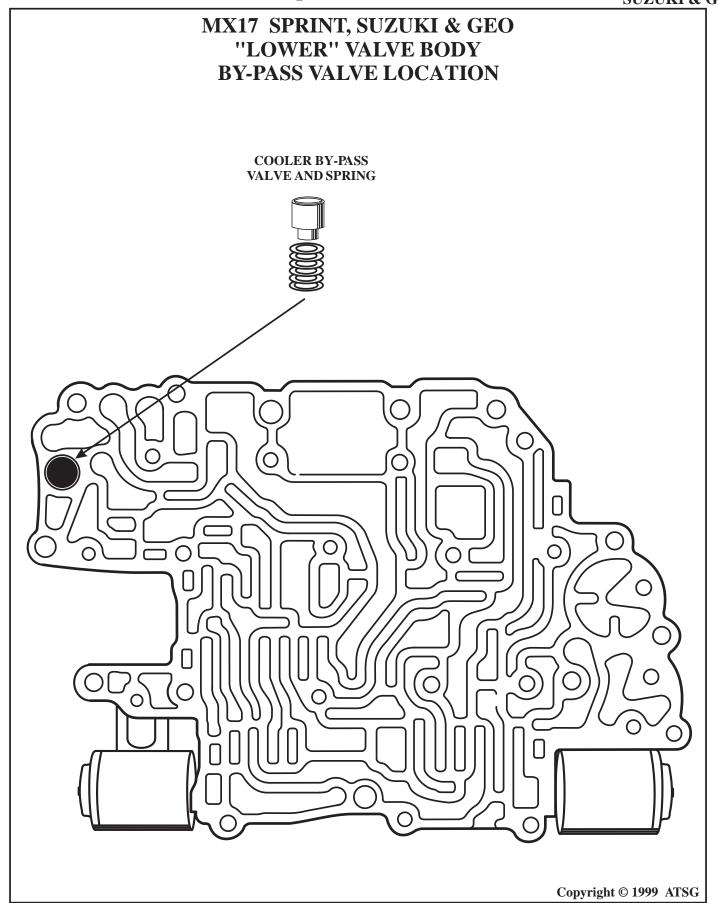


MXI7 SPRINT SUZUKI & GEO



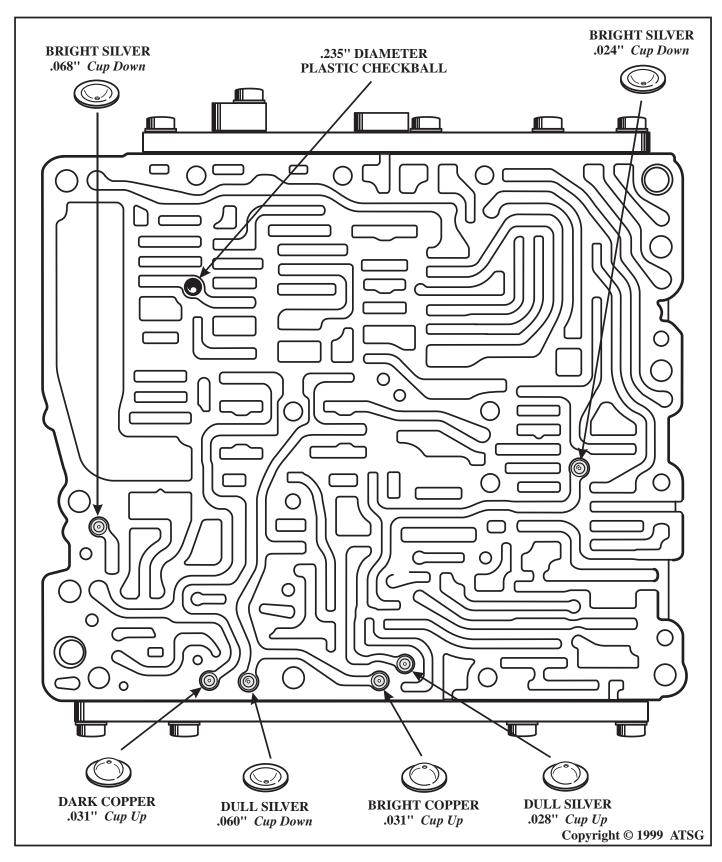


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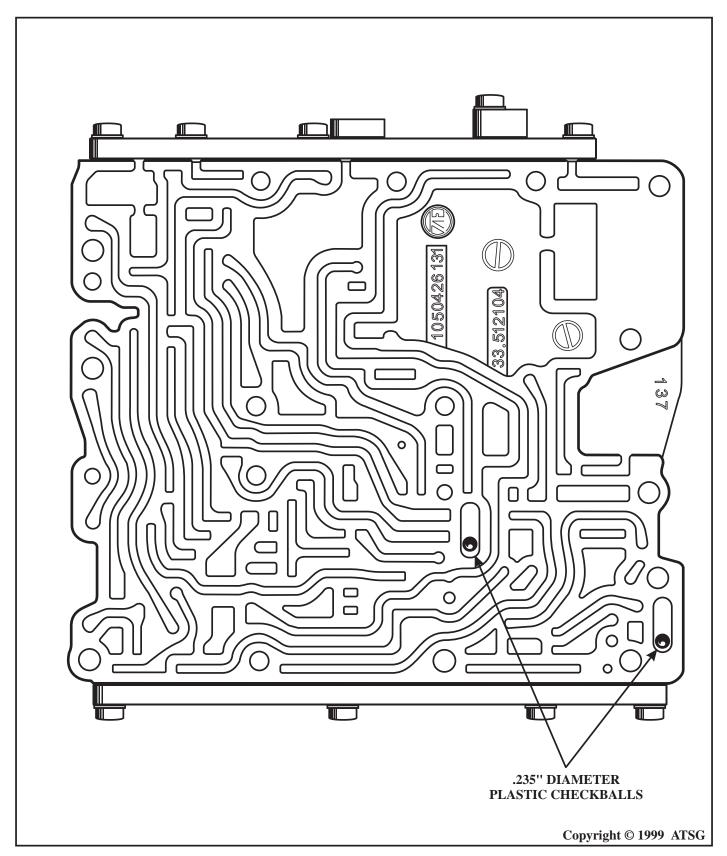
SAAB ZF4HP-18

SAAB HYDRAULIC ZF4HP-18 MAIN VALVE BODY "TRANSFER PLATE SIDE"



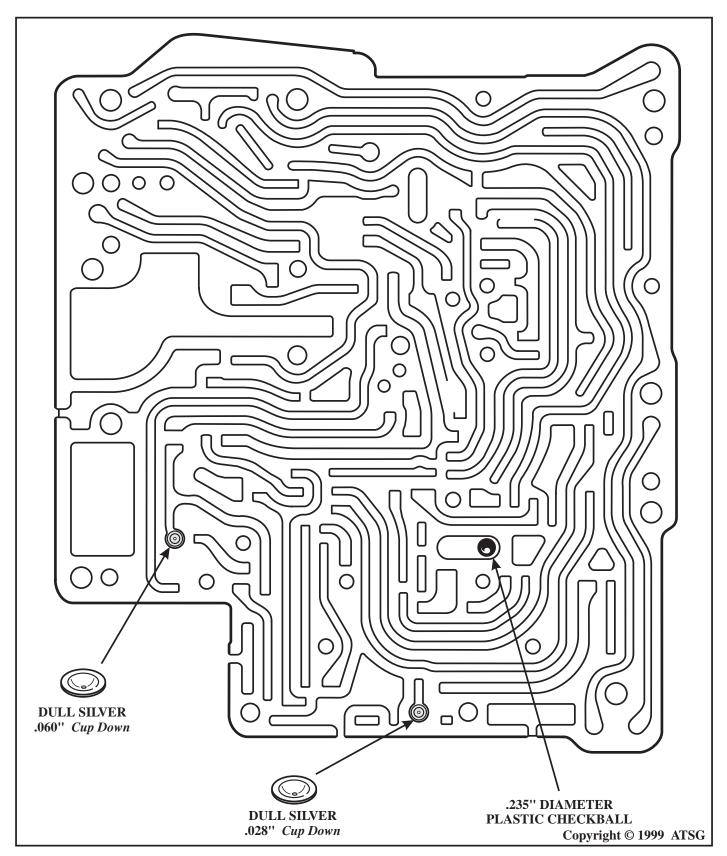


SAAB HYDRAULIC ZF4HP-18 MAIN VALVE BODY "LOWER BODY SIDE"

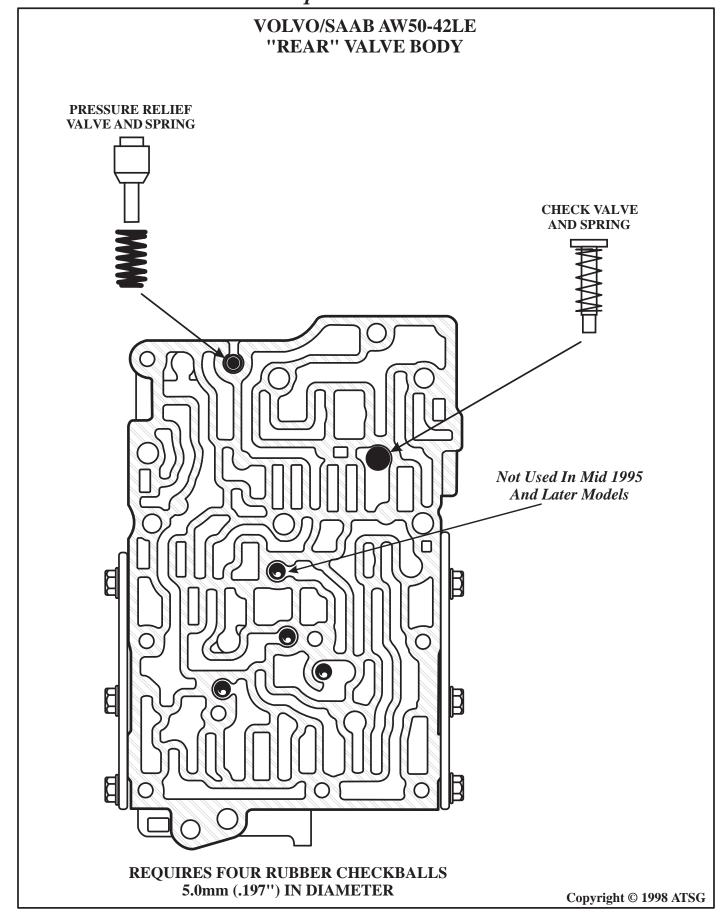


SAAB ZF4HP-18

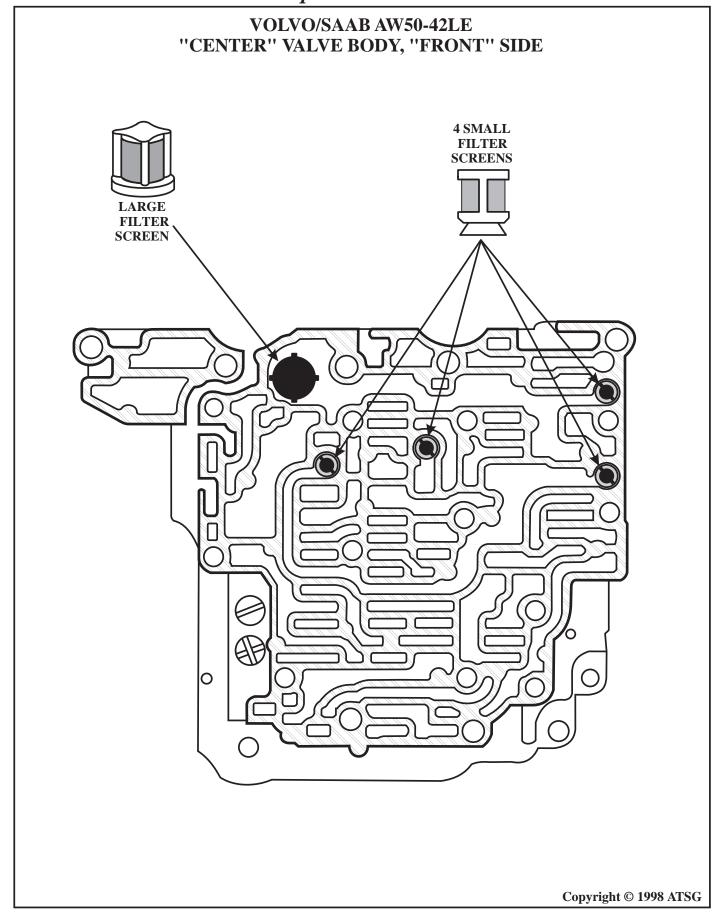
SAAB HYDRAULIC ZF4HP-18 CHANNEL PLATE "MAIN BODY SIDE"



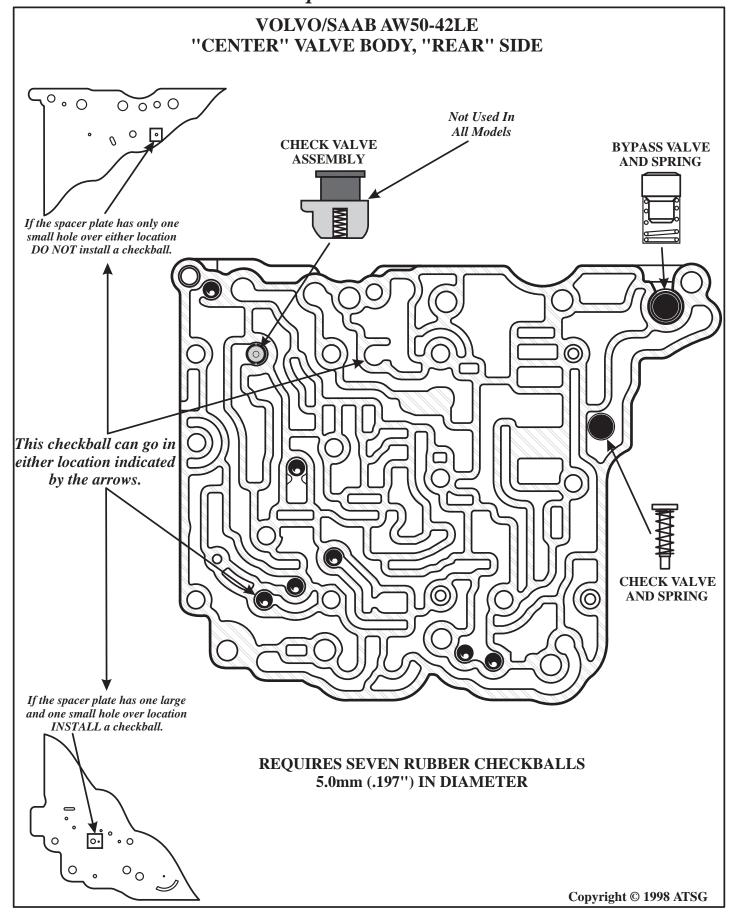






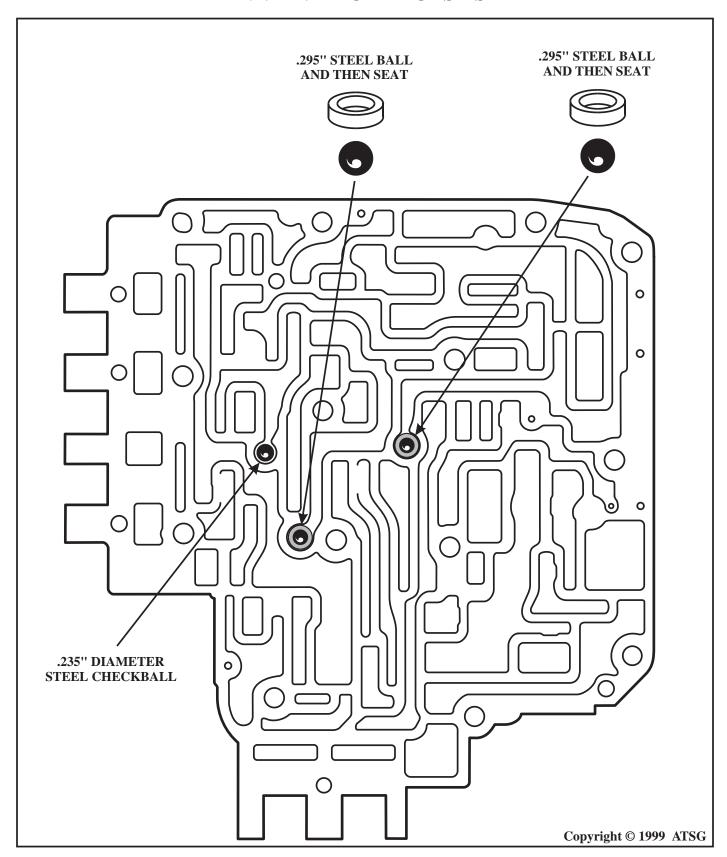








VOLKSWAGON PASSAT 096-097 MAIN VALVE BODY "CASE SIDE"





VOLKSWAGON PASSAT 096-097 MAIN VALVE BODY TRANSFER PLATE

