



CHECKBALLBOOK *Import Volume II*

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Updated
April, 2004

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 occurred 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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CHECKBALL BOOK *Import Volume II*

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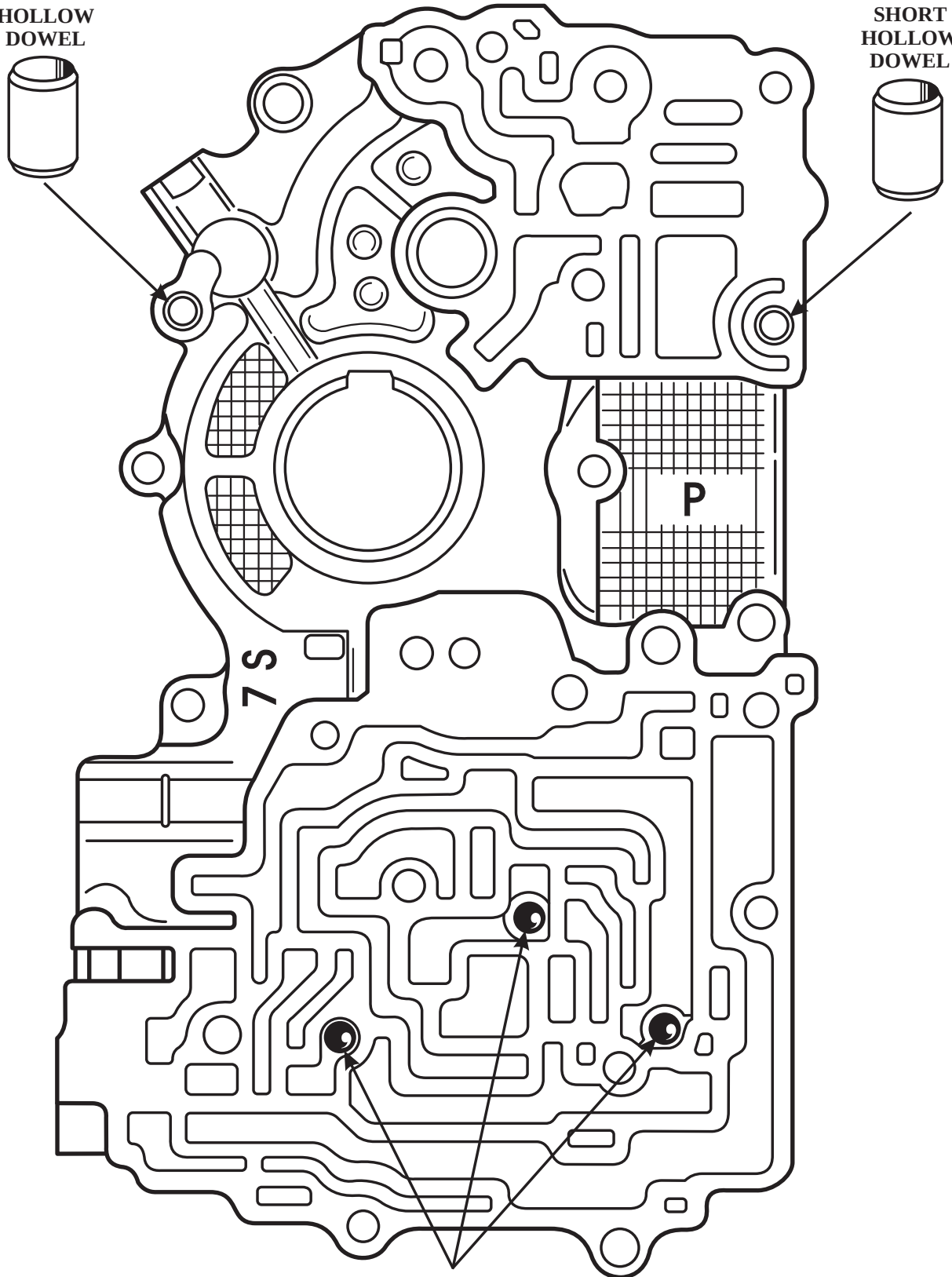
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ACURA INTEGRA MODEL "CA" MAIN VALVE BODY "TOP VIEW"

SHORT
HOLLOW
DOWEL

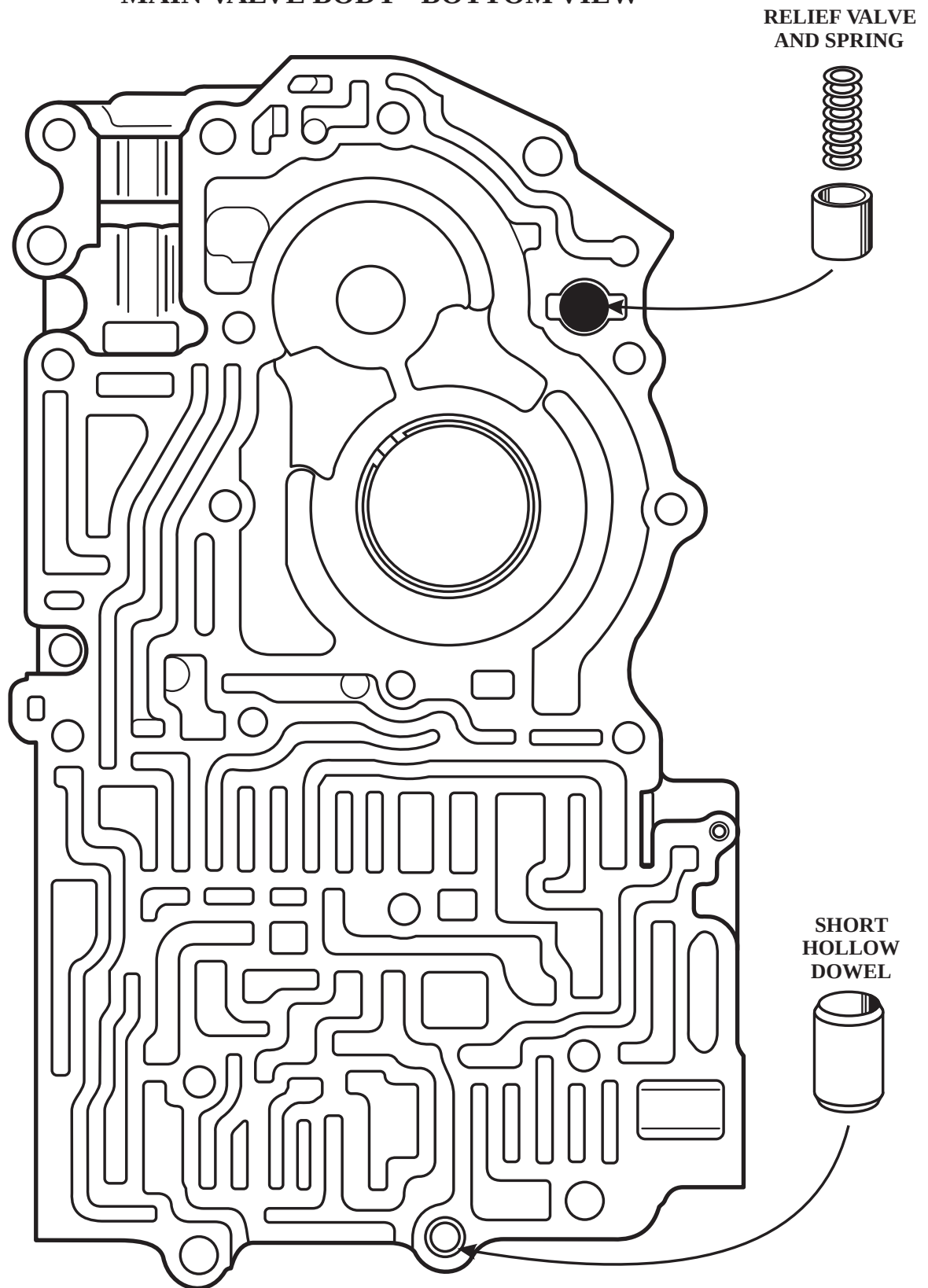
SHORT
HOLLOW
DOWEL



5.5mm (.216") DIAMETER
STEEL CHECKBALLS

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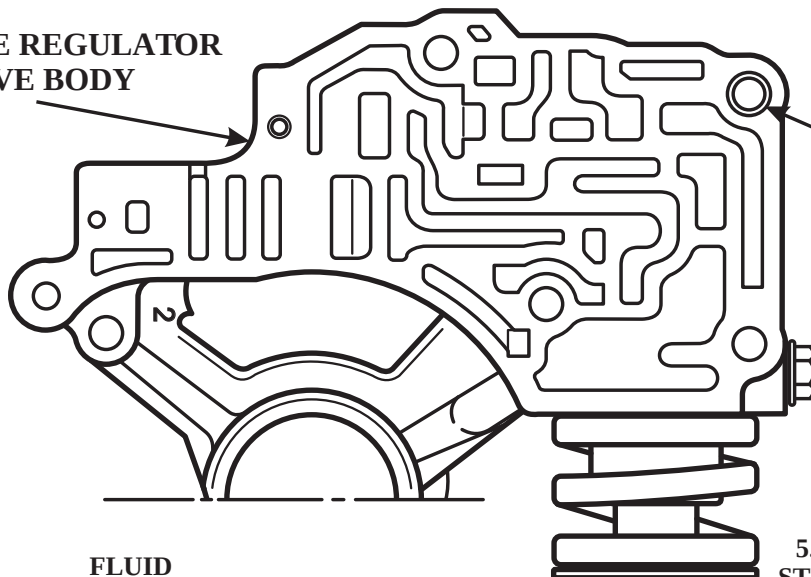
ACURA INTEGRA MODEL "CA" MAIN VALVE BODY "BOTTOM VIEW"



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ACURA INTEGRA MODEL "CA" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY

PRESSURE REGULATOR
VALVE BODY



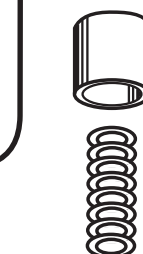
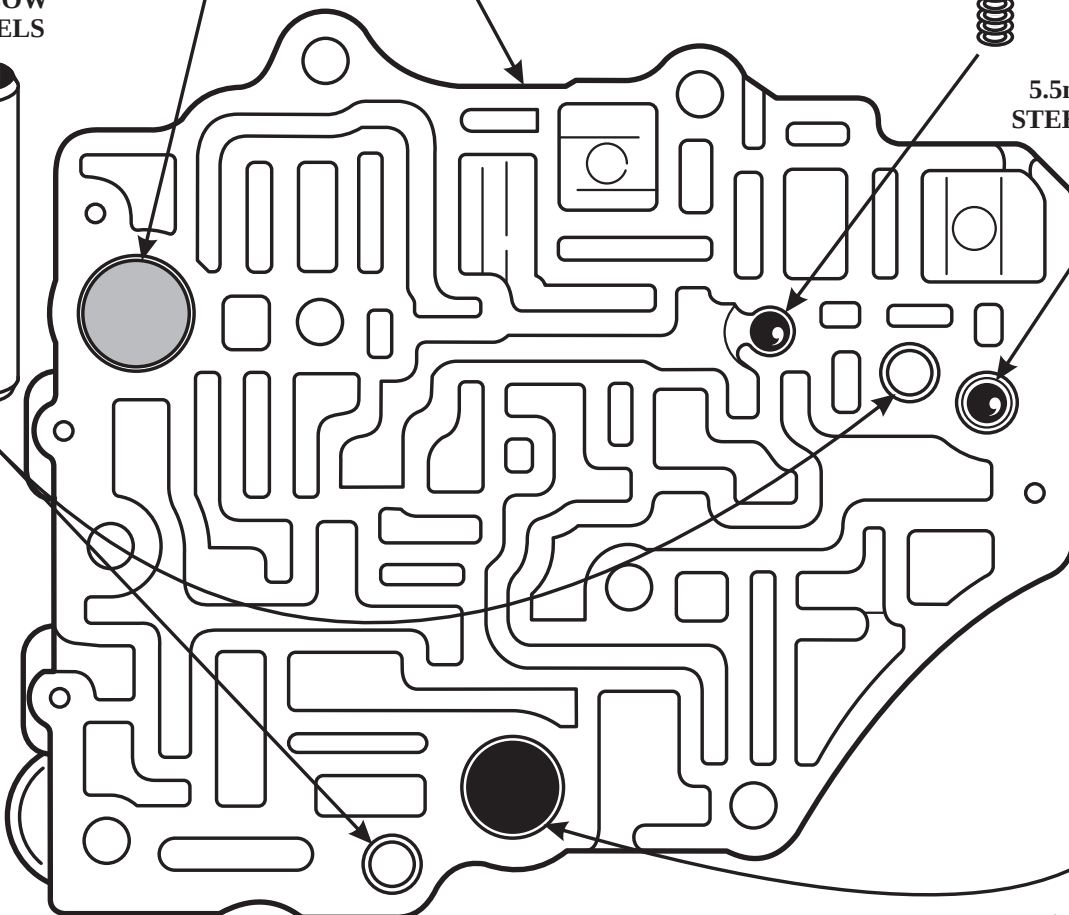
5.5mm (.216") DIA.
STEEL CHECKBALL
AND SPRING



SECONDARY
VALVE BODY

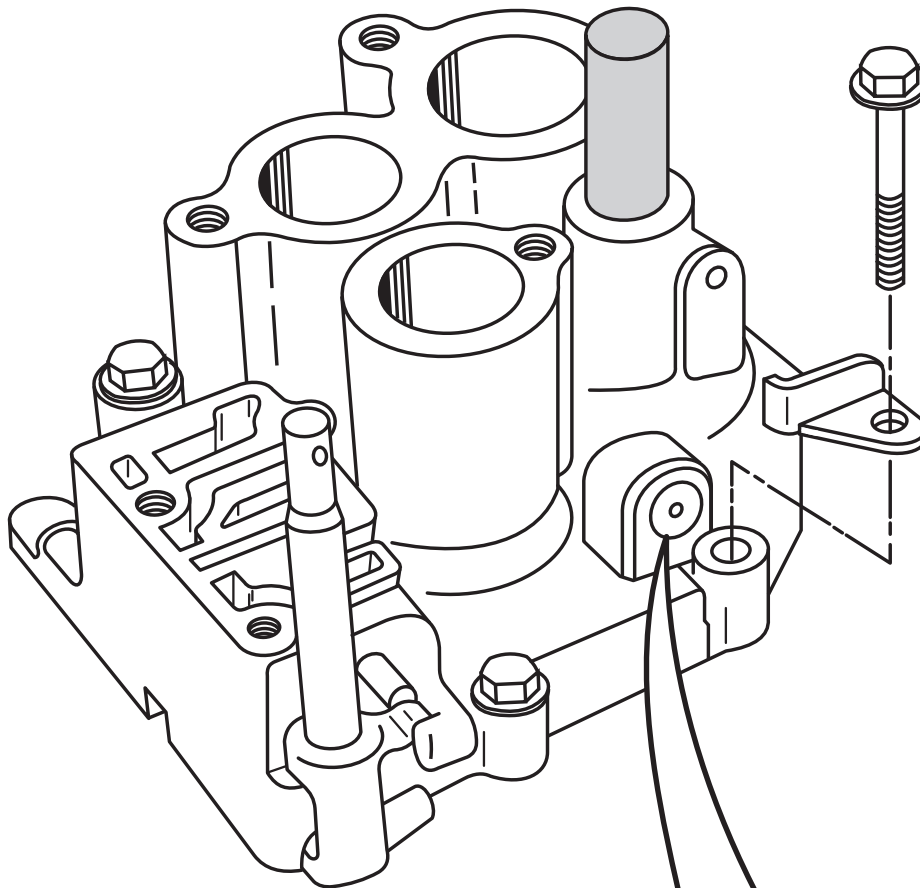
TWO LONG
HOLLOW
DOWELS

5.5mm (.216") DIA.
STEEL CHECKBALL



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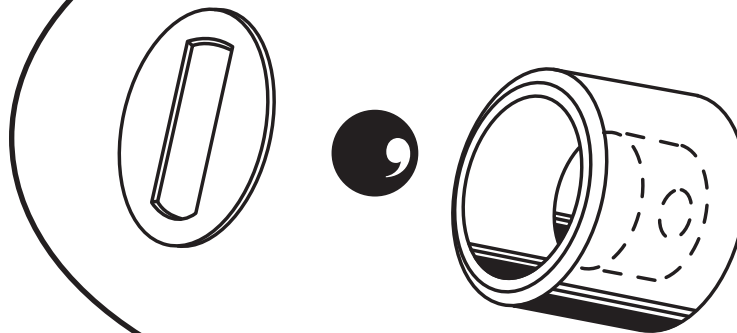
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

SERVO RELEASE CHECK VALVE

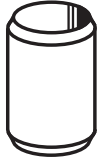


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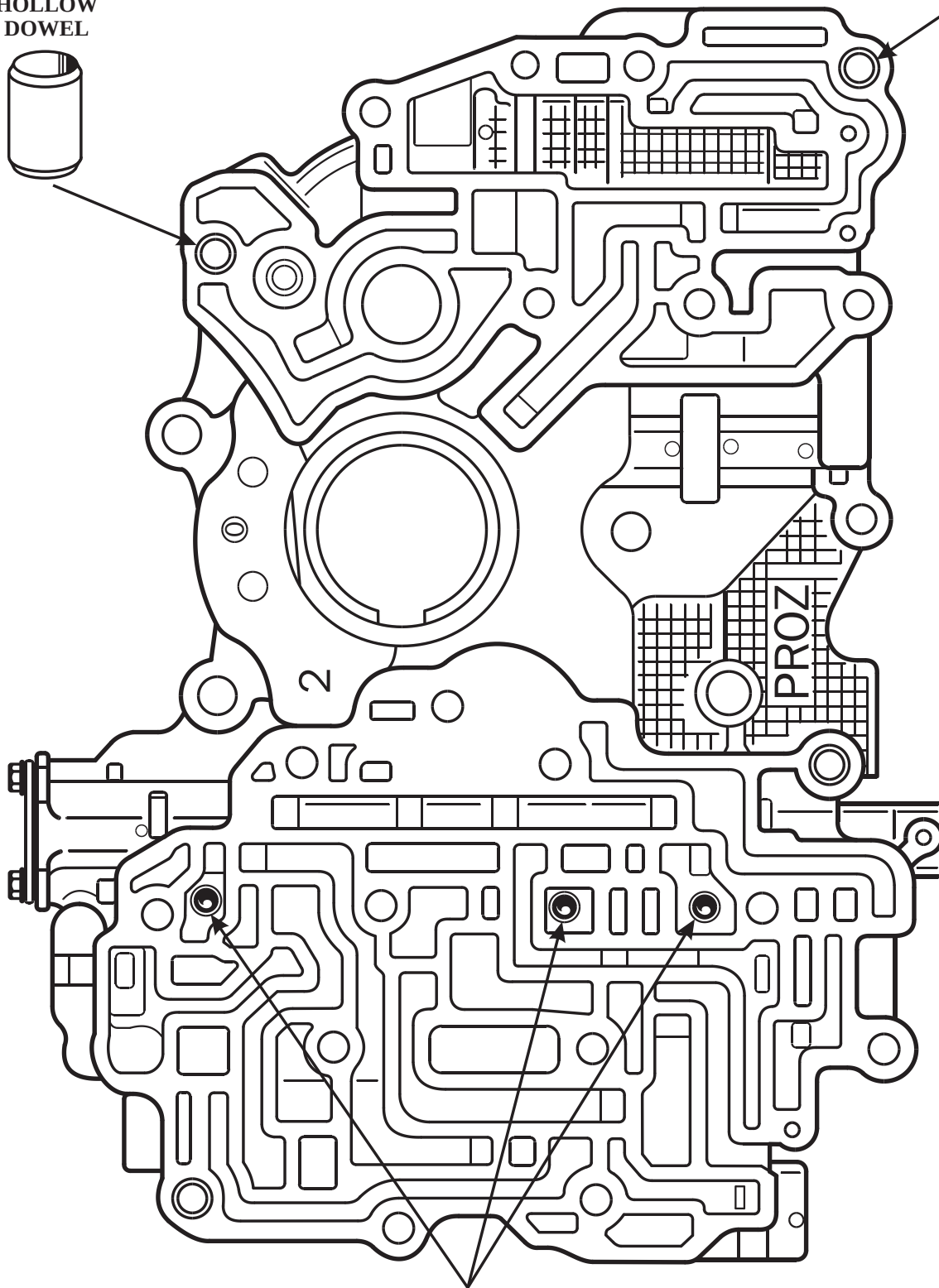
NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

**ACURA INTEGRA MODEL "MPRA"
MAIN VALVE BODY "TOP VIEW"**

SHORT
HOLLOW
DOWEL



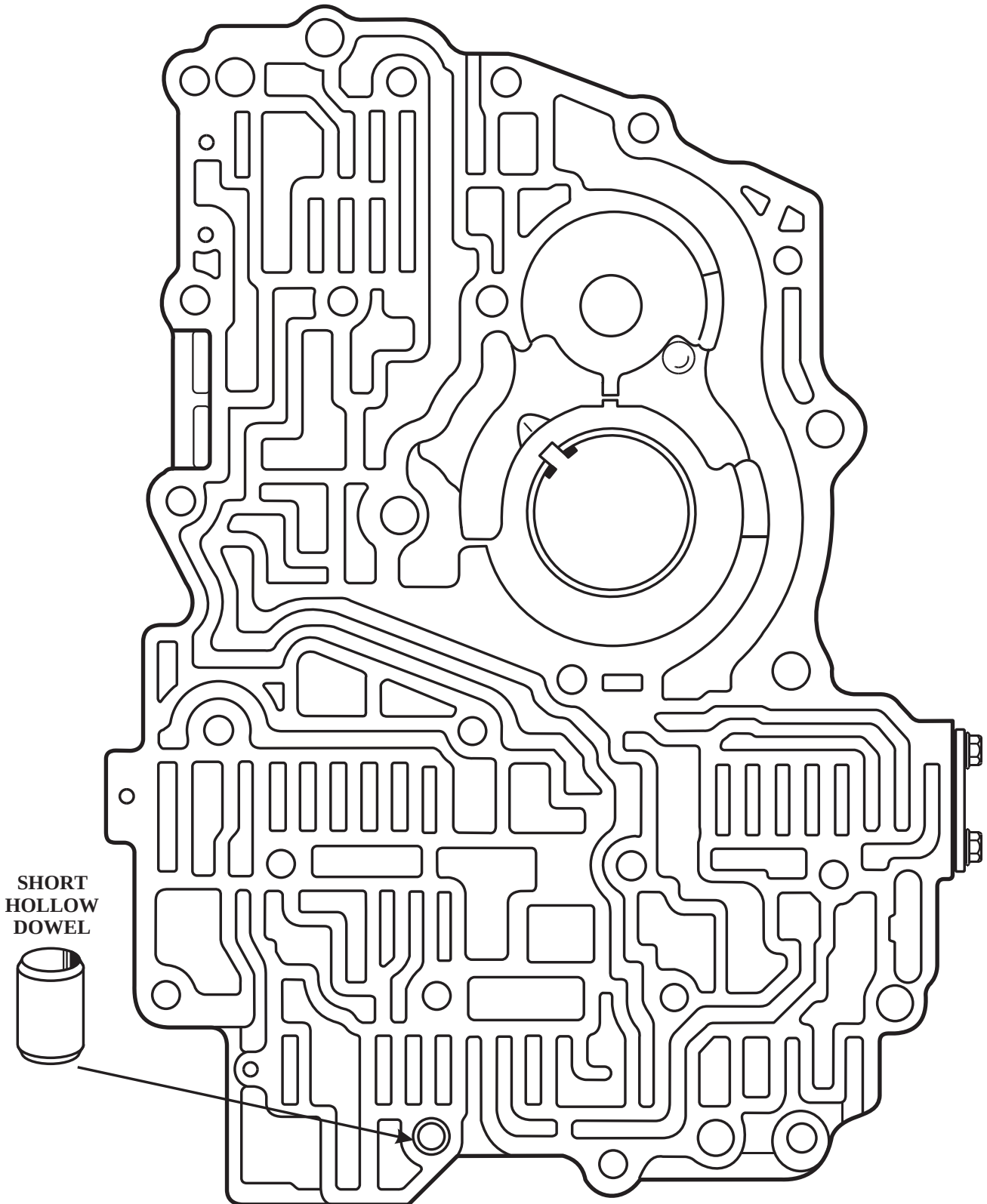
SHORT
HOLLOW
DOWEL



**5.5mm (.216") DIAMETER
STEEL CHECKBALLS**

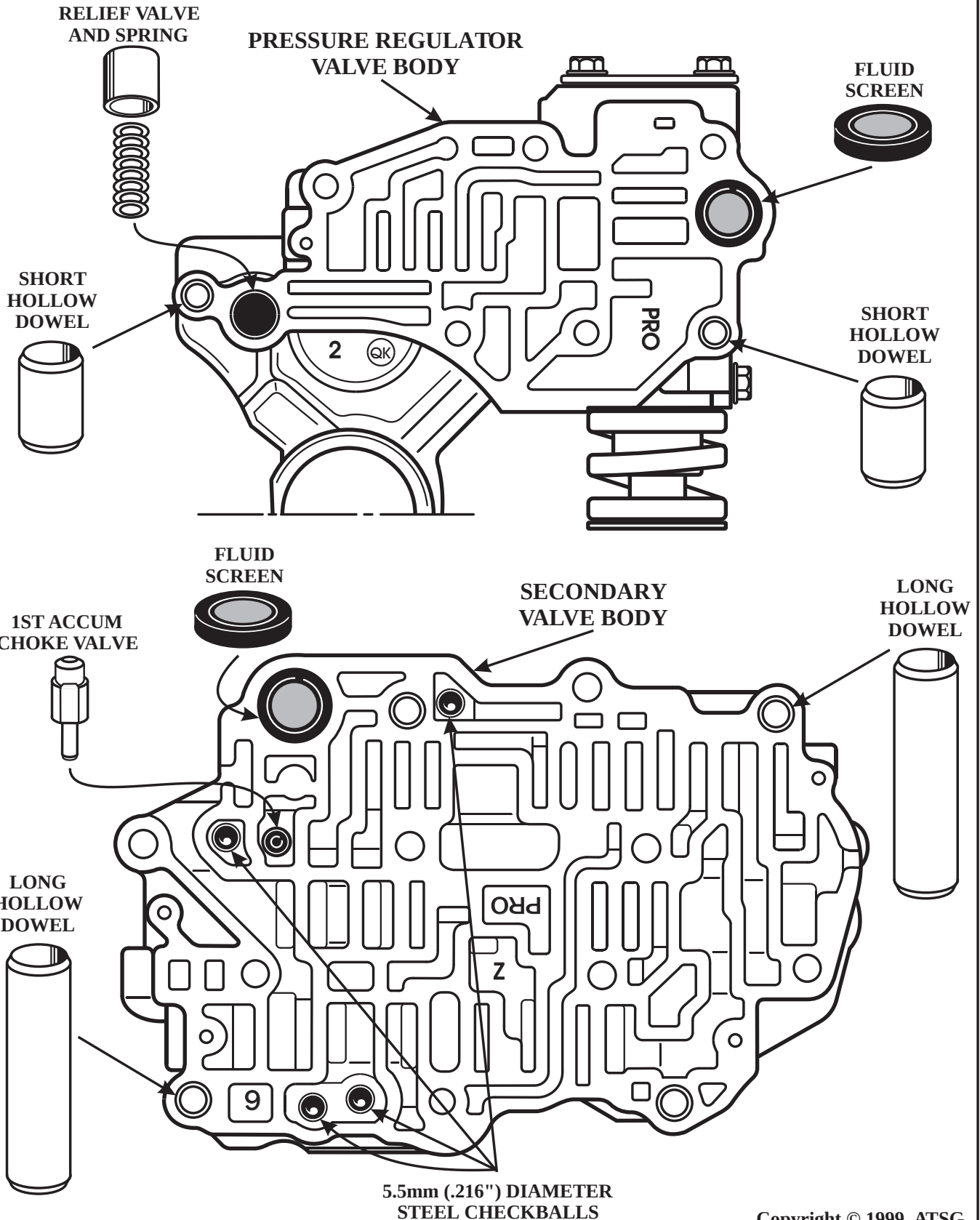
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ACURA INTEGRA MODEL "MPRA" MAIN VALVE BODY "BOTTOM VIEW"



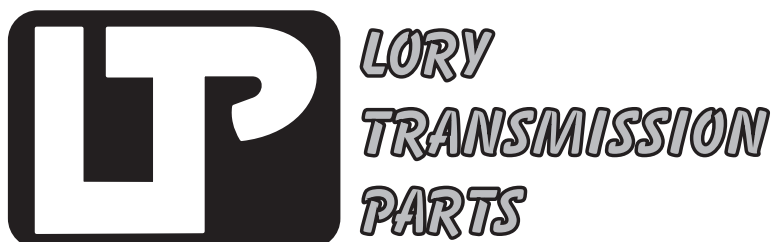
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**ACURA INTEGRA MODEL "MPRA"
"PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY**



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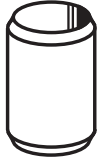
We wish to thank the following for supplying the actual valve bodies that have made these illustrations possible.



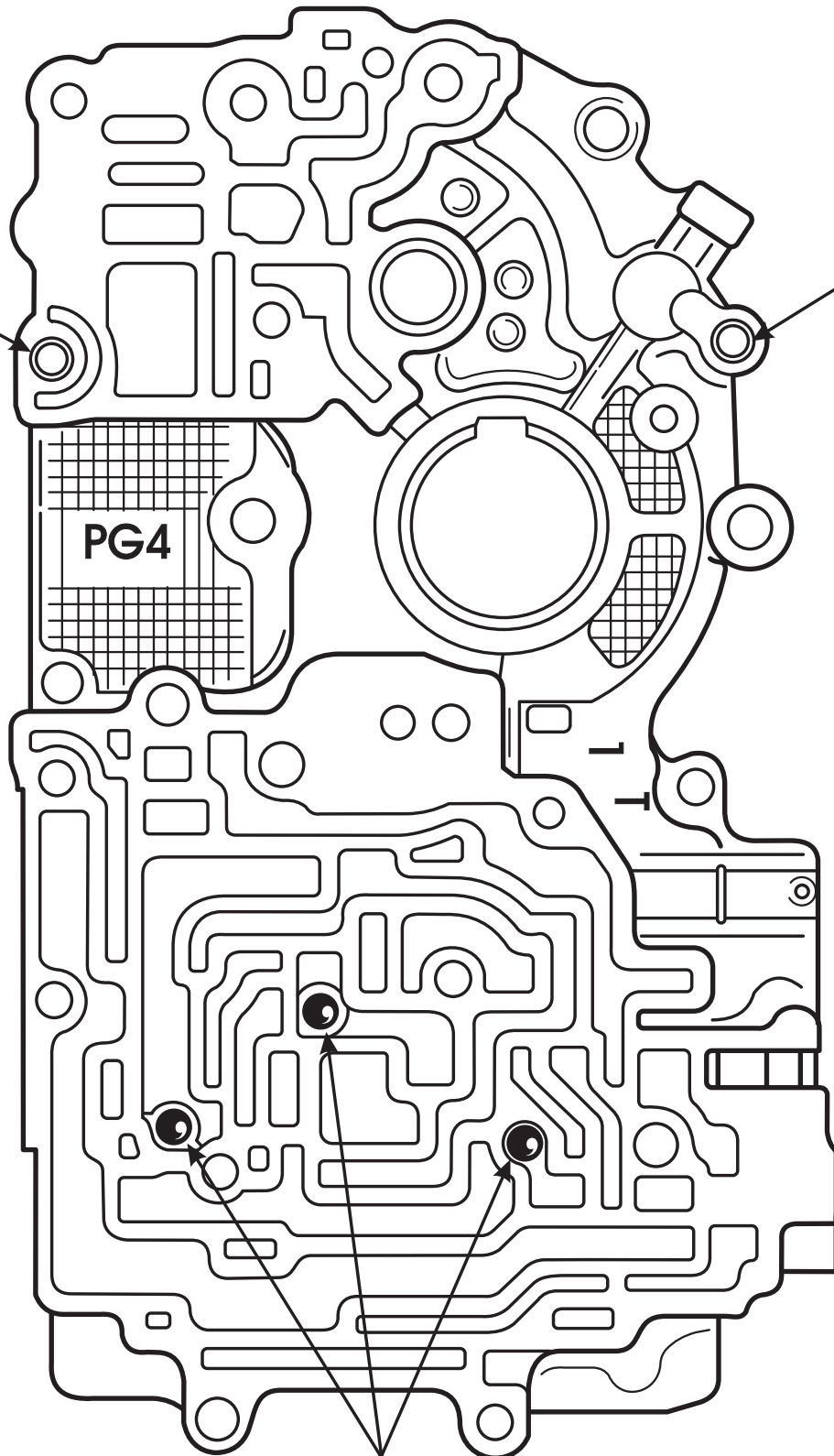
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MIAMI, FLORIDA 33135
TOLL FREE (800) 966-4621
PHONE (305) 642-4621
FAX (305) 541-1444

**ACURA LEGEND MODEL "G4"
MAIN VALVE BODY "TOP VIEW"**

**SHORT
HOLLOW
DOWEL**



**SHORT
HOLLOW
DOWEL**



**5.5mm (.216") DIAMETER
STEEL CHECKBALLS**

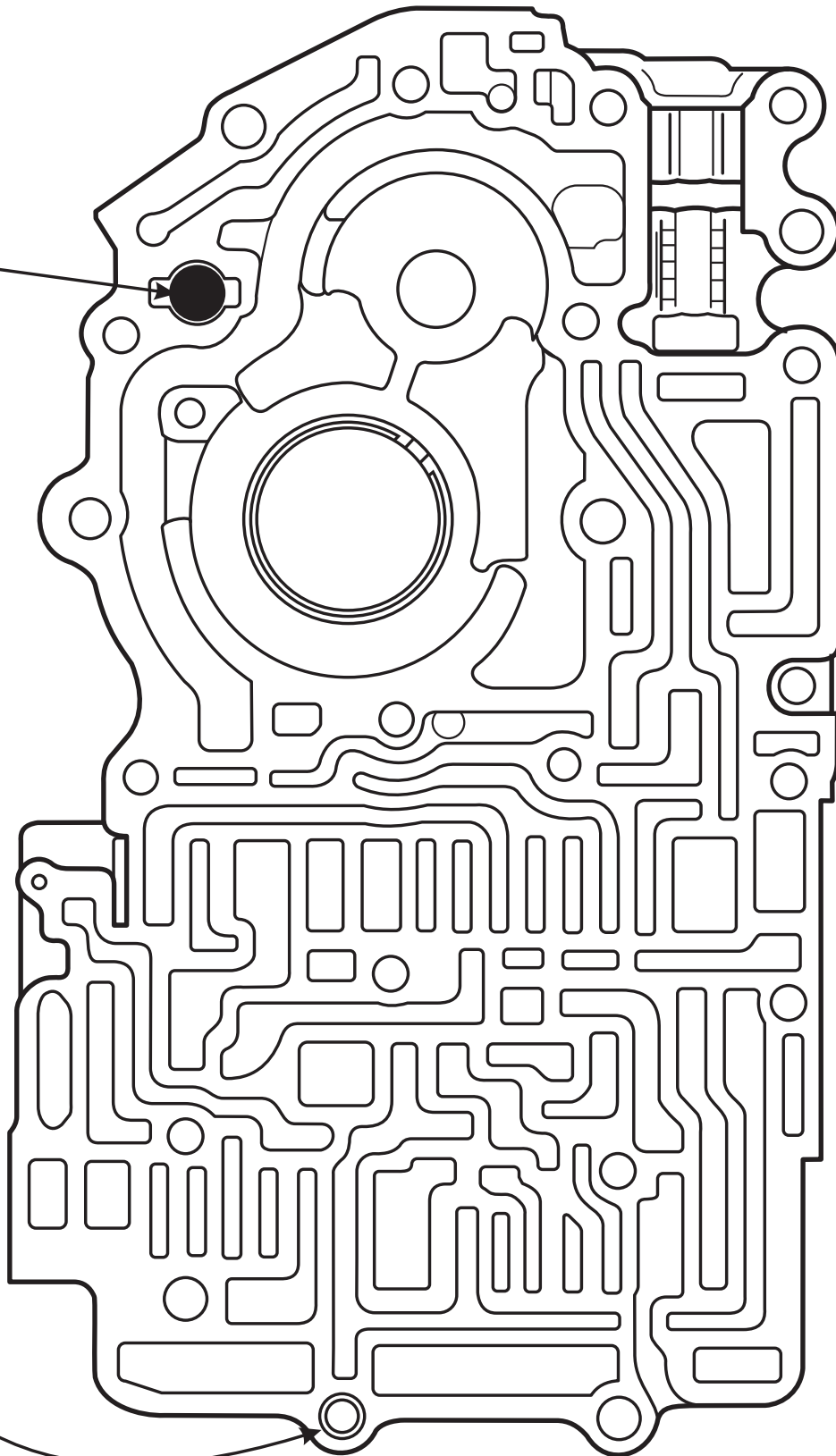
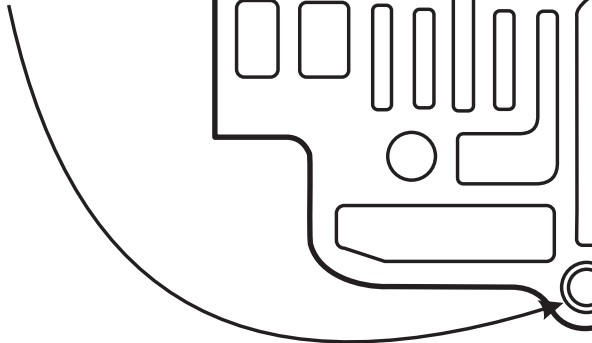
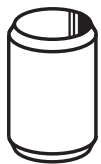
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ACURA LEGEND MODEL "G4" MAIN VALVE BODY "BOTTOM VIEW"

RELIEF VALVE
AND SPRING

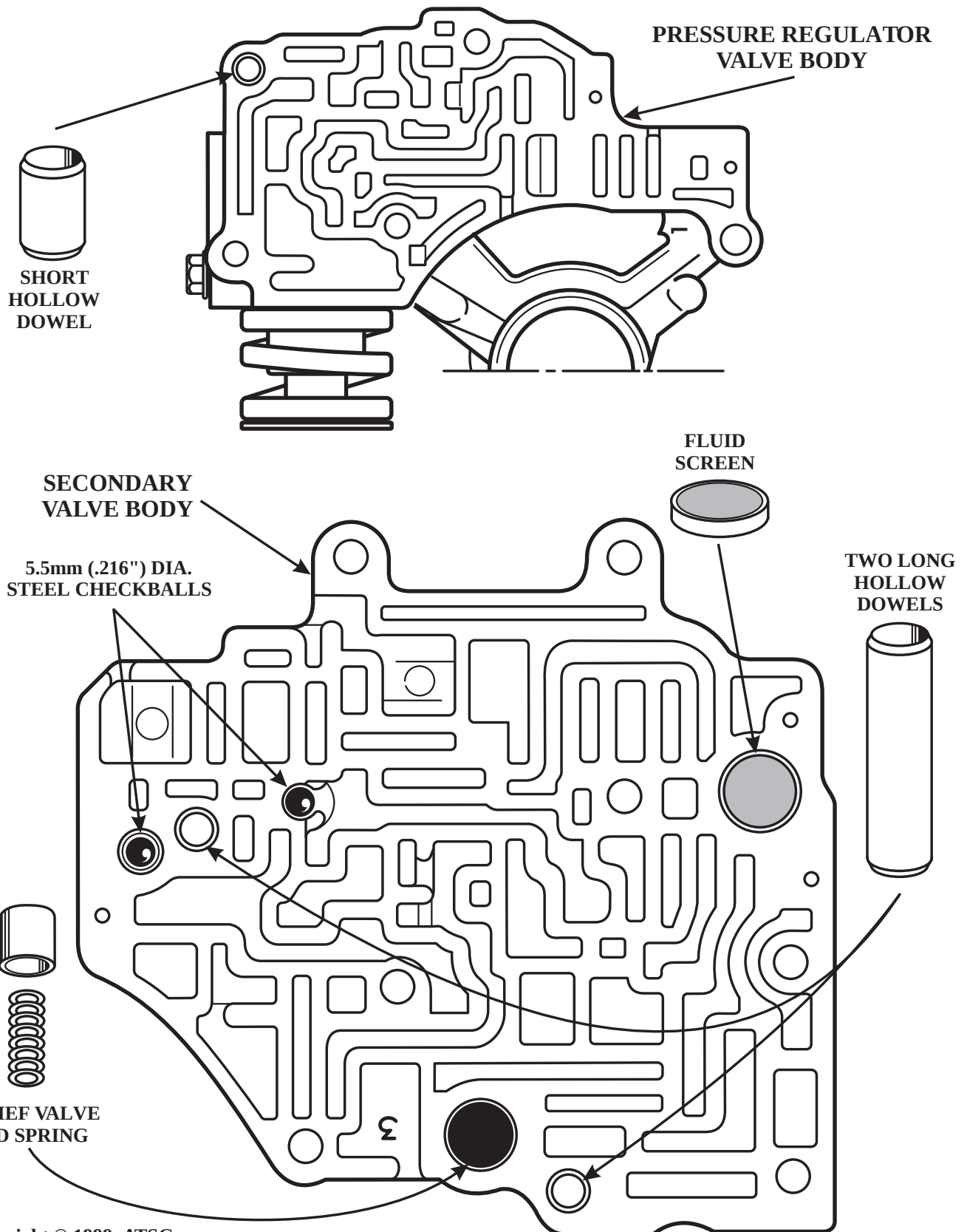


SHORT
HOLLOW
DOWEL



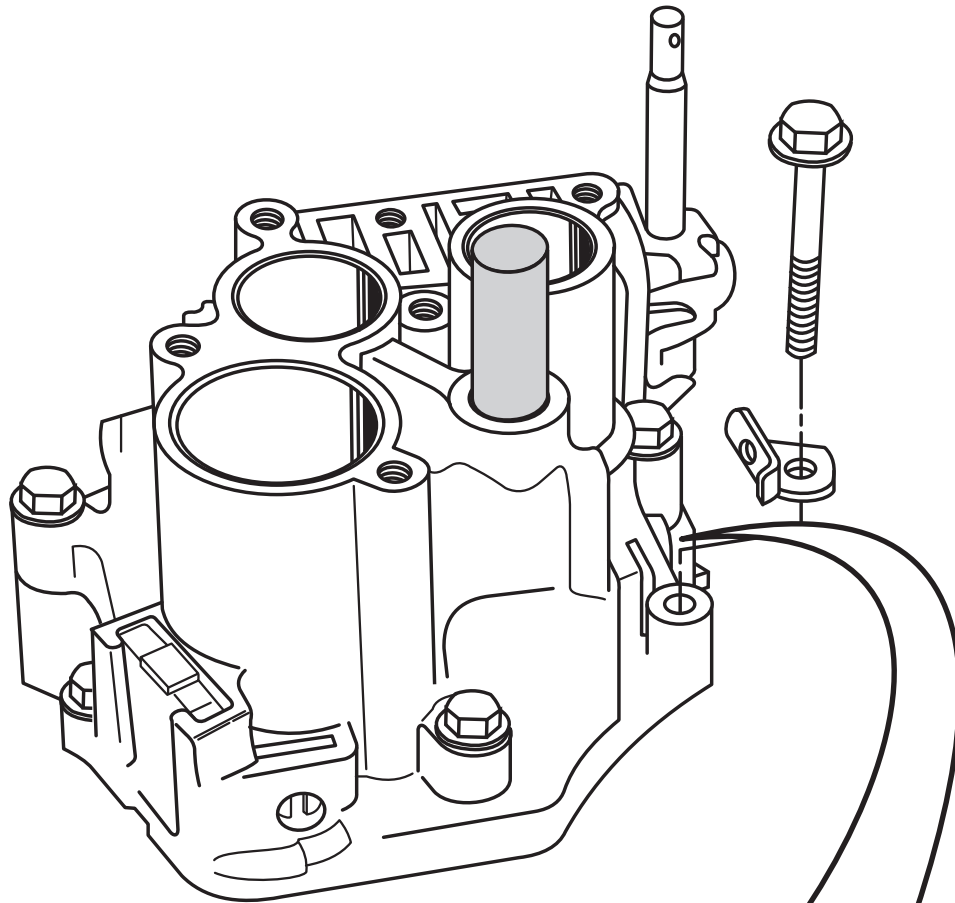
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**ACURA LEGEND MODEL "G4"
"PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY**



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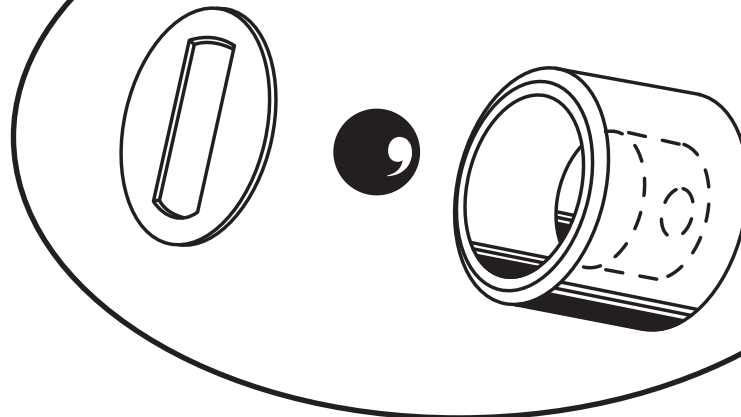
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

SERVO RELEASE CHECK VALVE

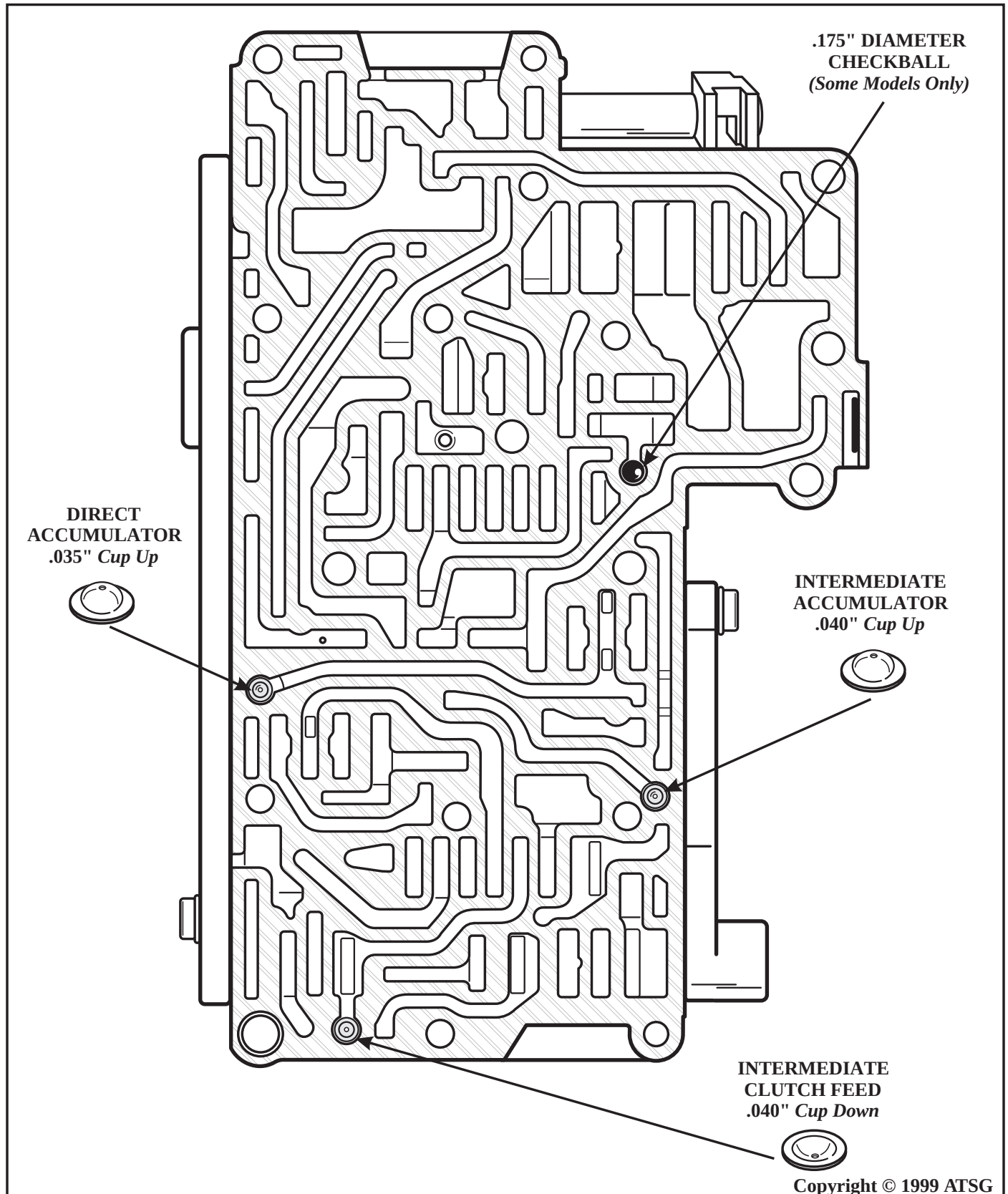


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NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

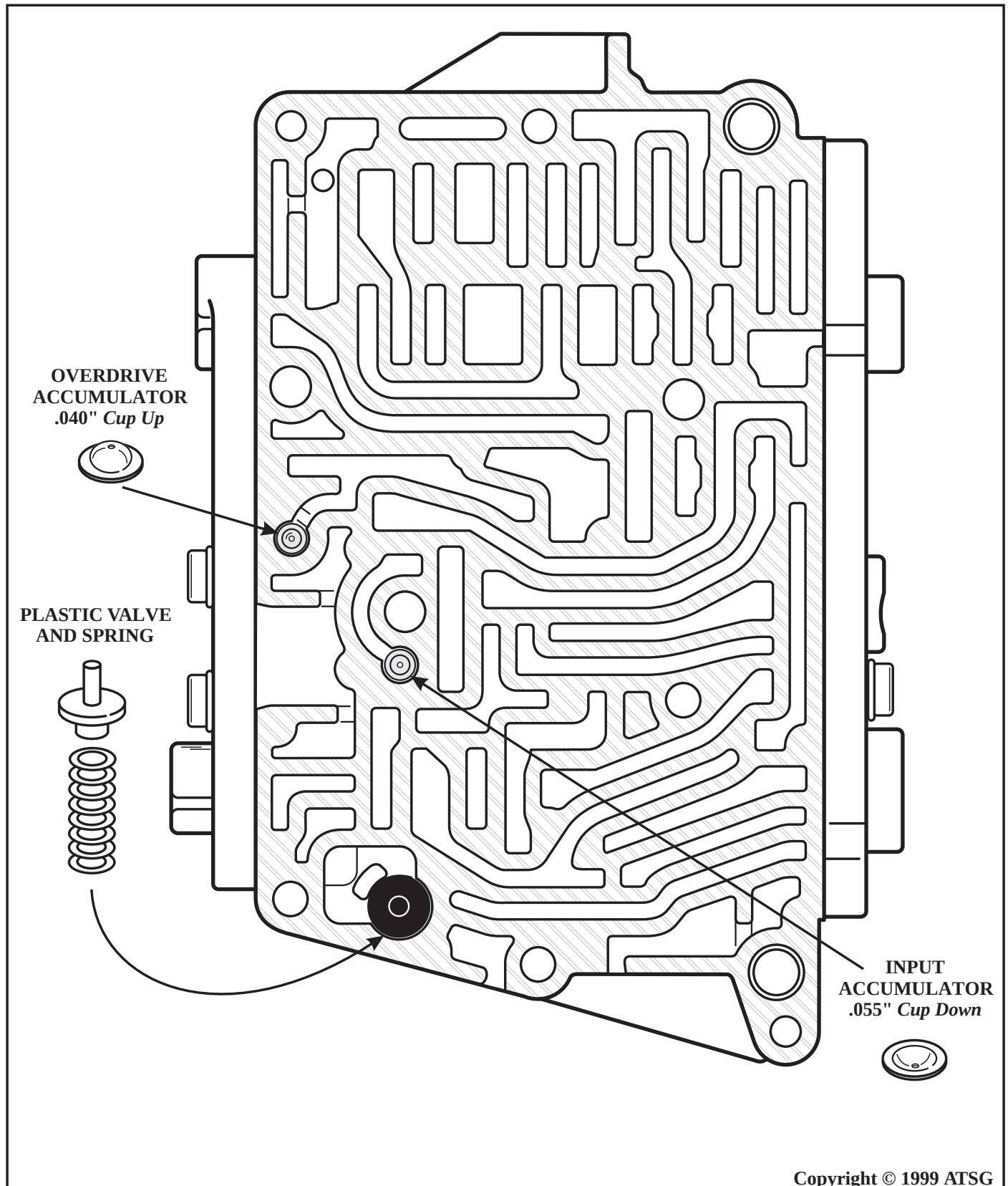
BMW ELECTRONIC ZF4HP-22 (4 SOLENOID ONLY) "LOWER FRONT" VALVE BODY

ProCarManuals.com



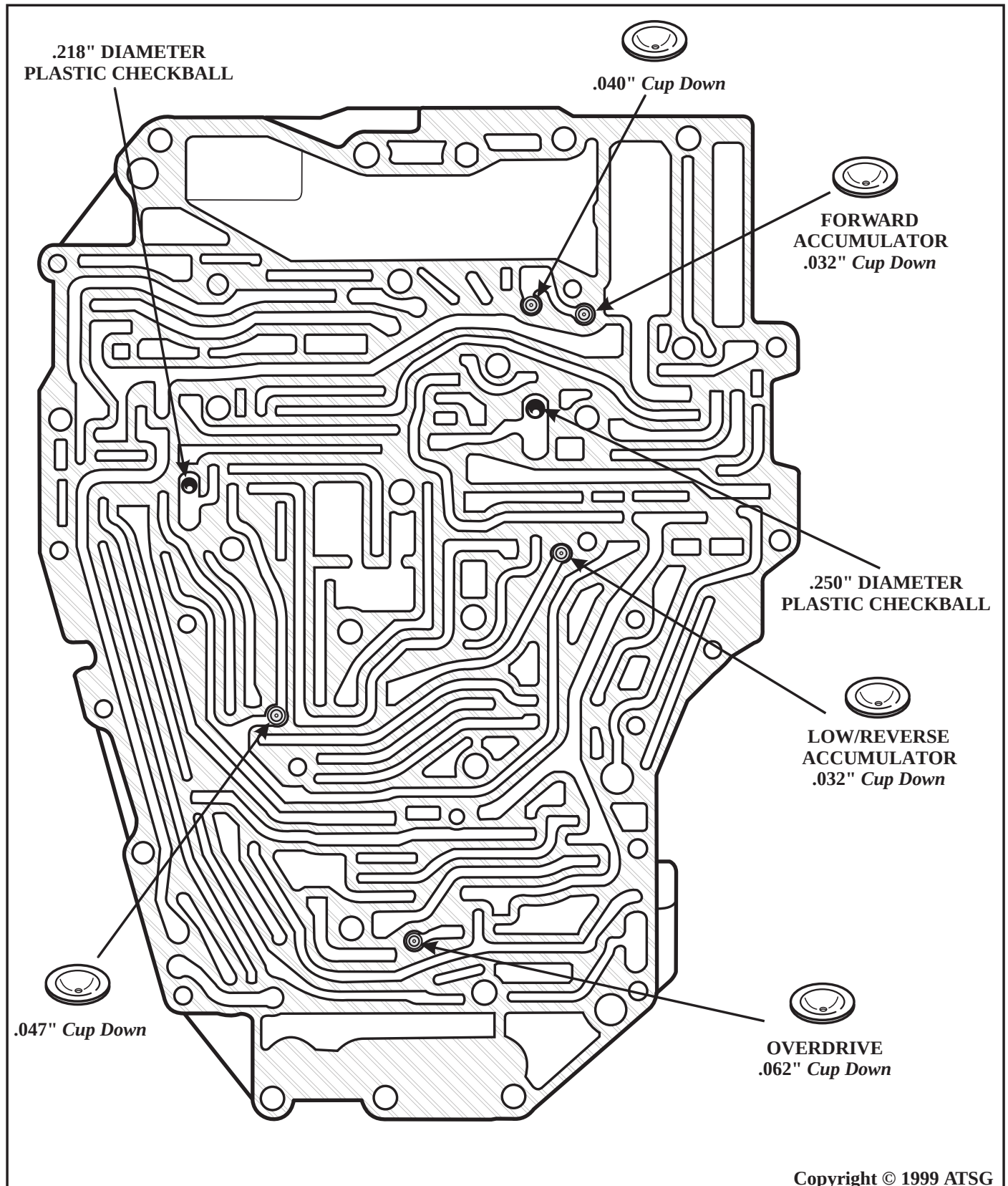
BMW ELECTRONIC ZF4HP-22 (4SOLENOID ONLY) "LOWER REAR" VALVE BODY

ProCarManuals.com



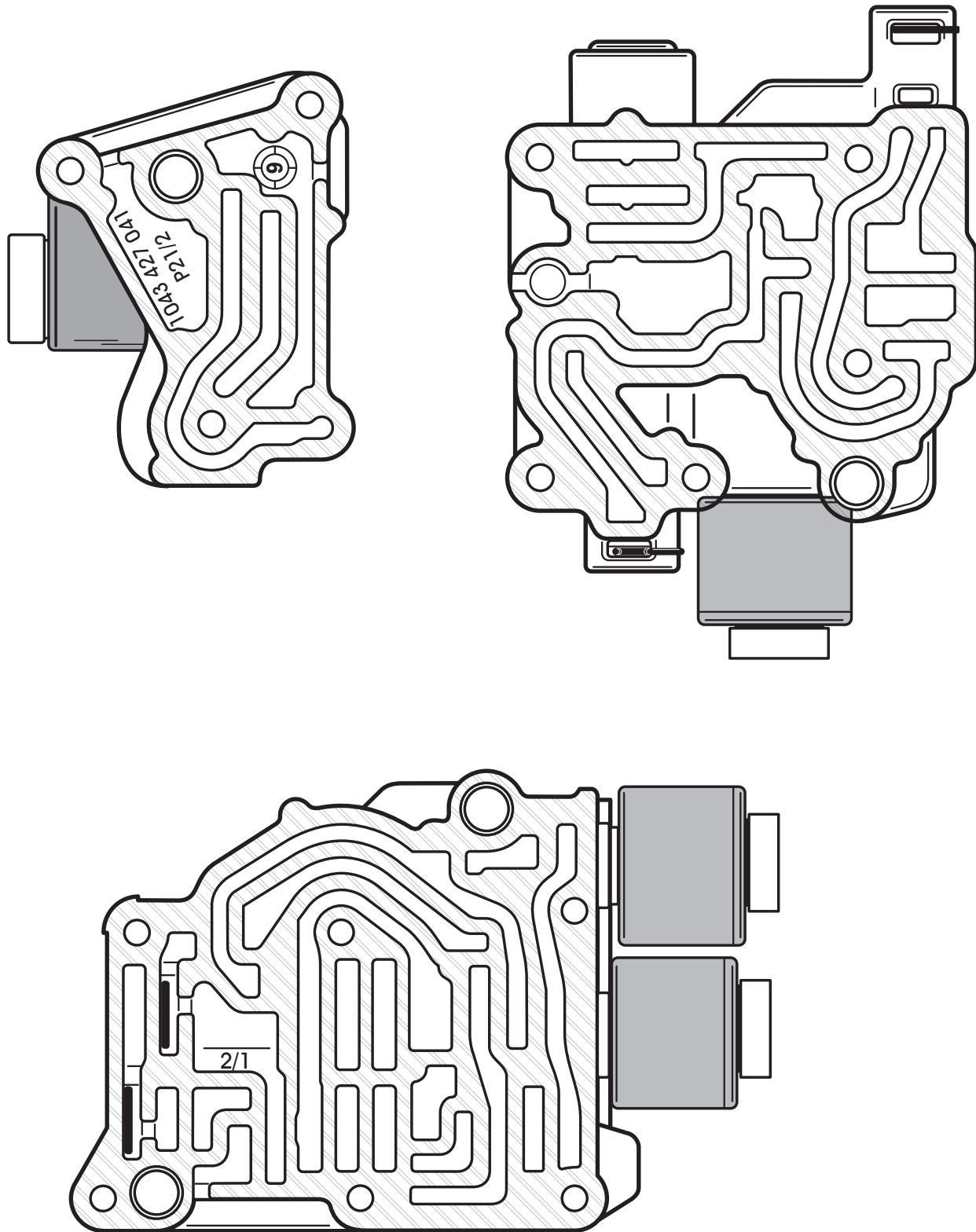
BMW ELECTRONIC ZF4HP-22 (4 SOLENOID ONLY) CHANNEL PLATE

ProCarManuals.com



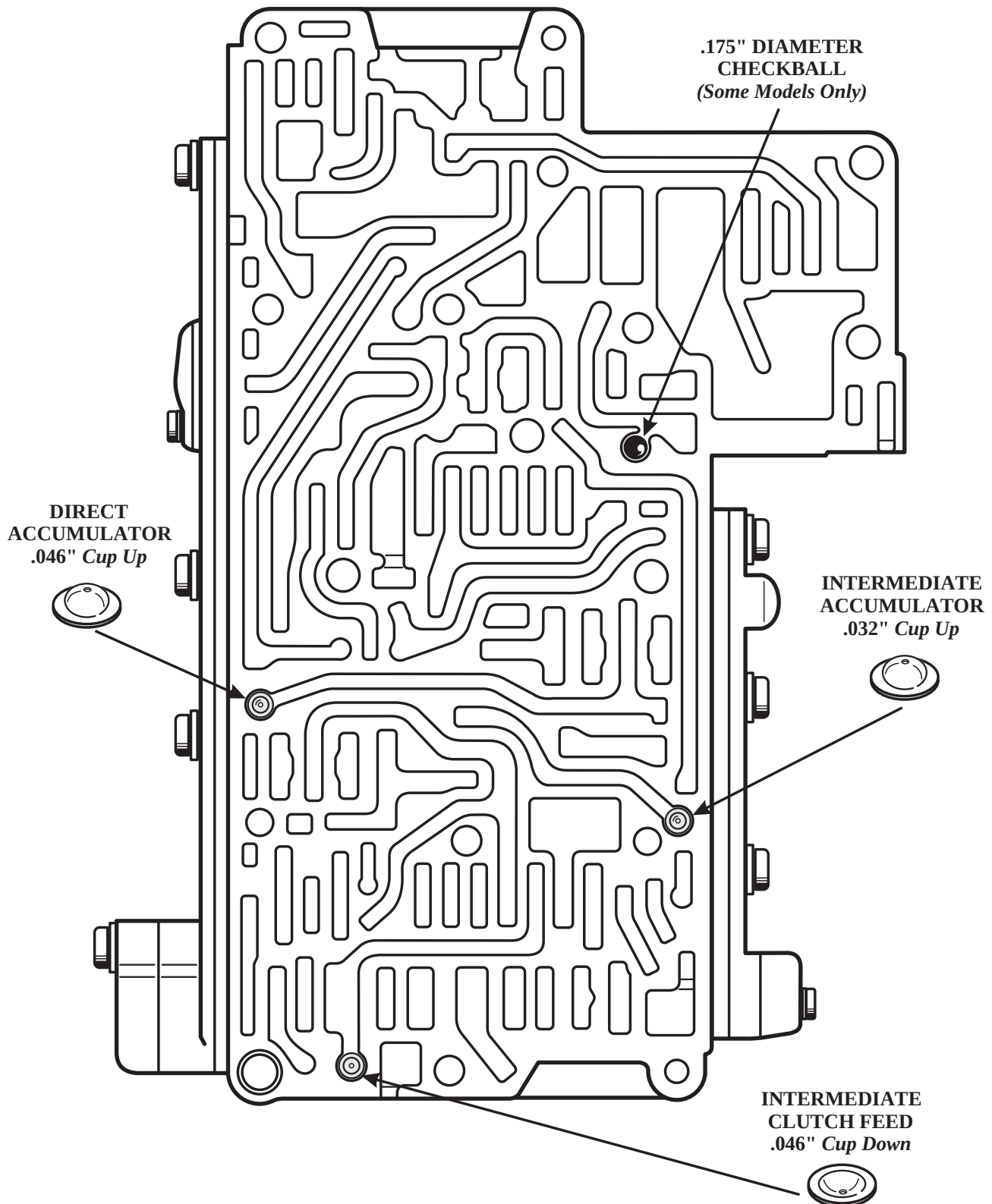
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BMW ELECTRONIC ZF4HP-22 (4 SOLENOID ONLY) "UPPER RIGHT" AND "UPPER LEFT" VALVE BODY



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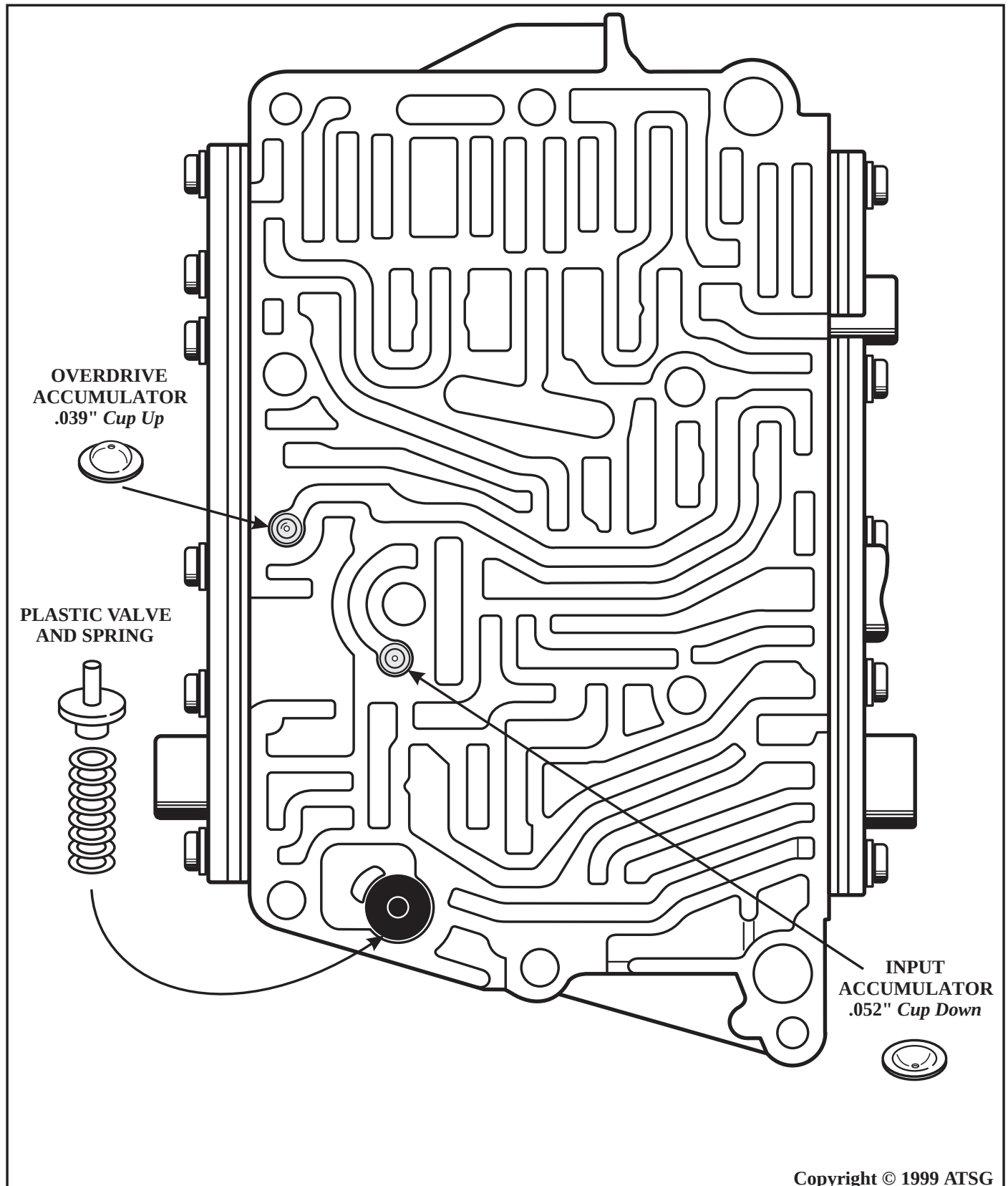
BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) "LOWER FRONT" VALVE BODY



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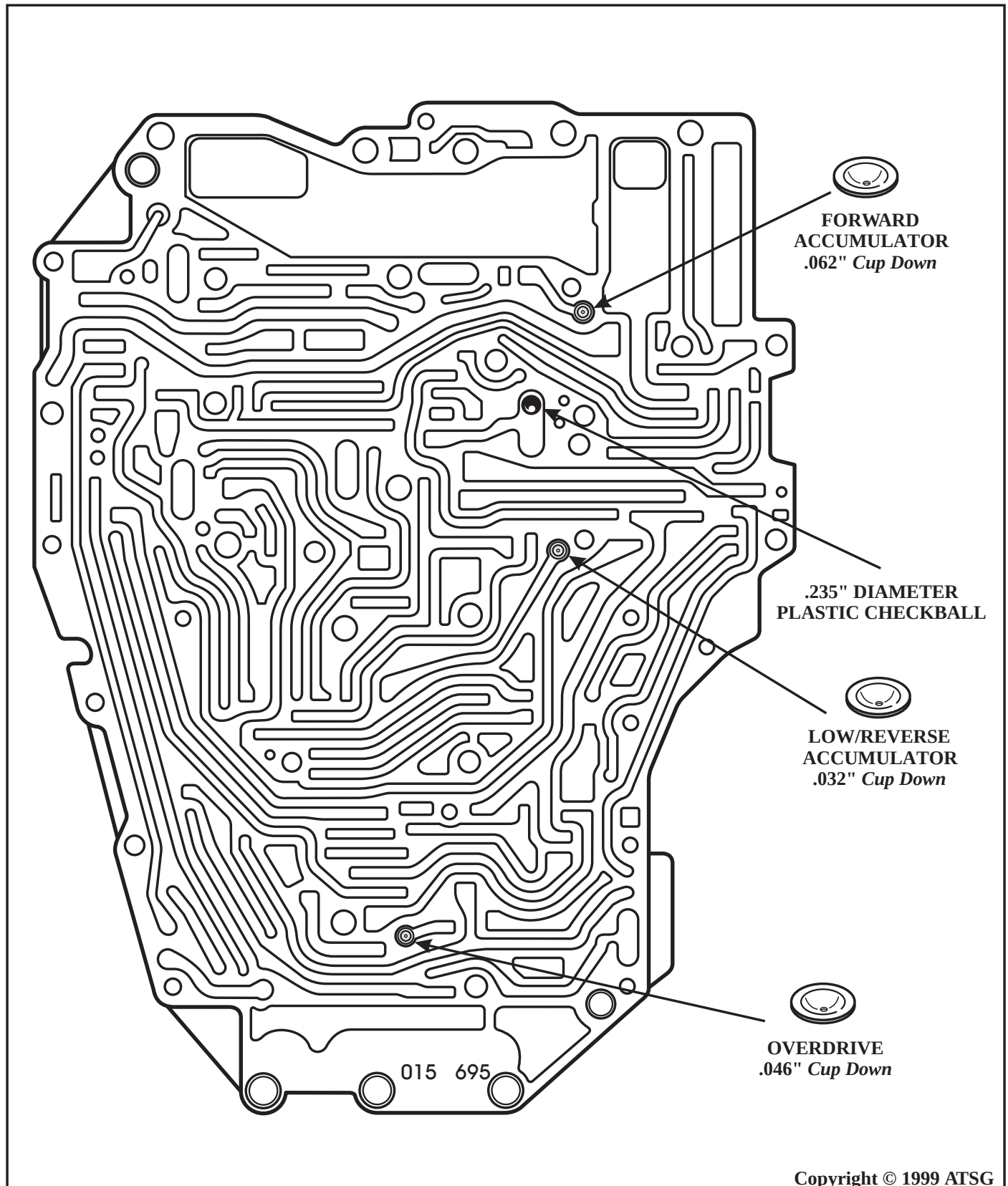
BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) "LOWER REAR" VALVE BODY

ProCarManuals.com



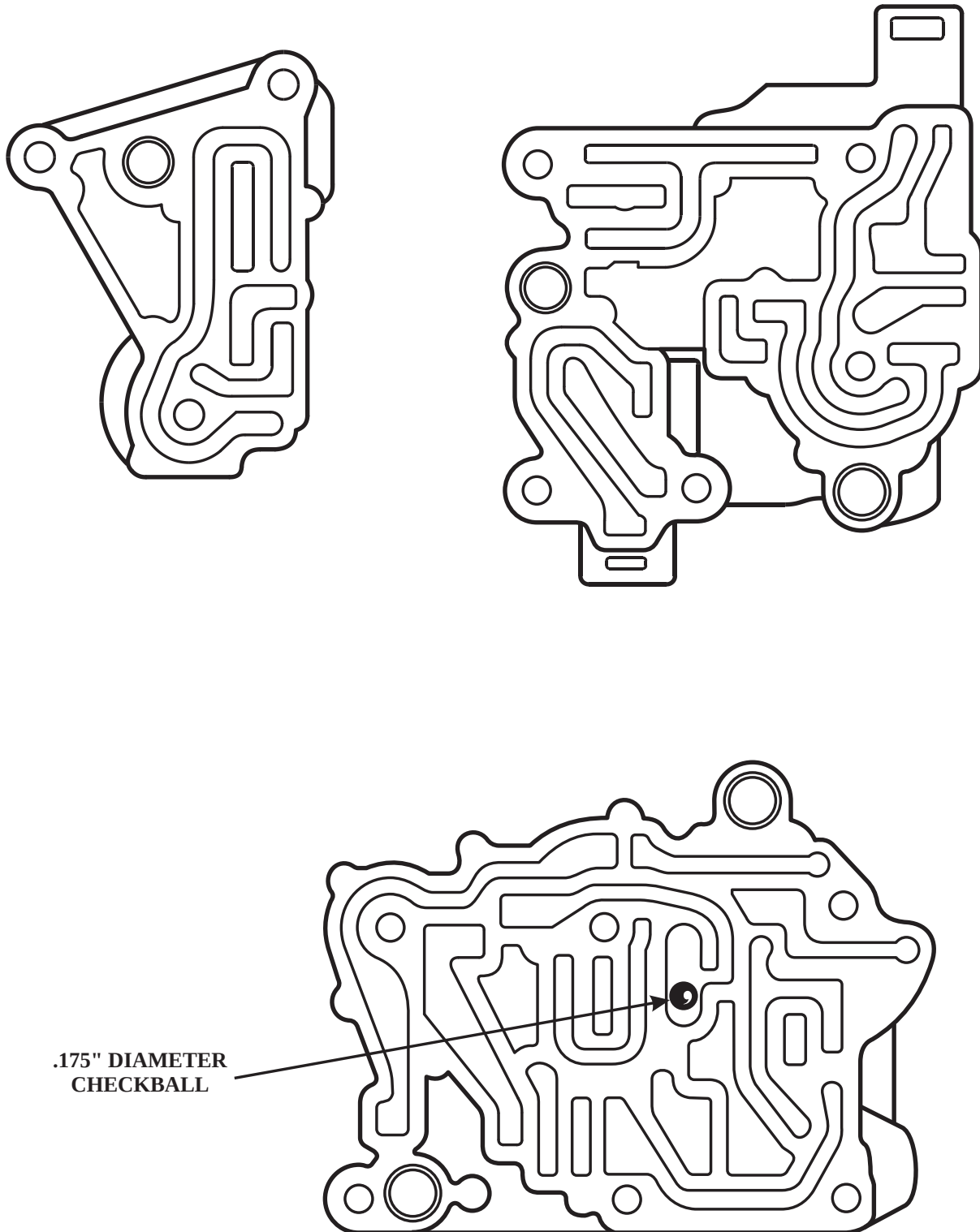
BMW ELECTRONIC ZF4HP-22 (5 SOLENOID ONLY) CHANNEL PLATE

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

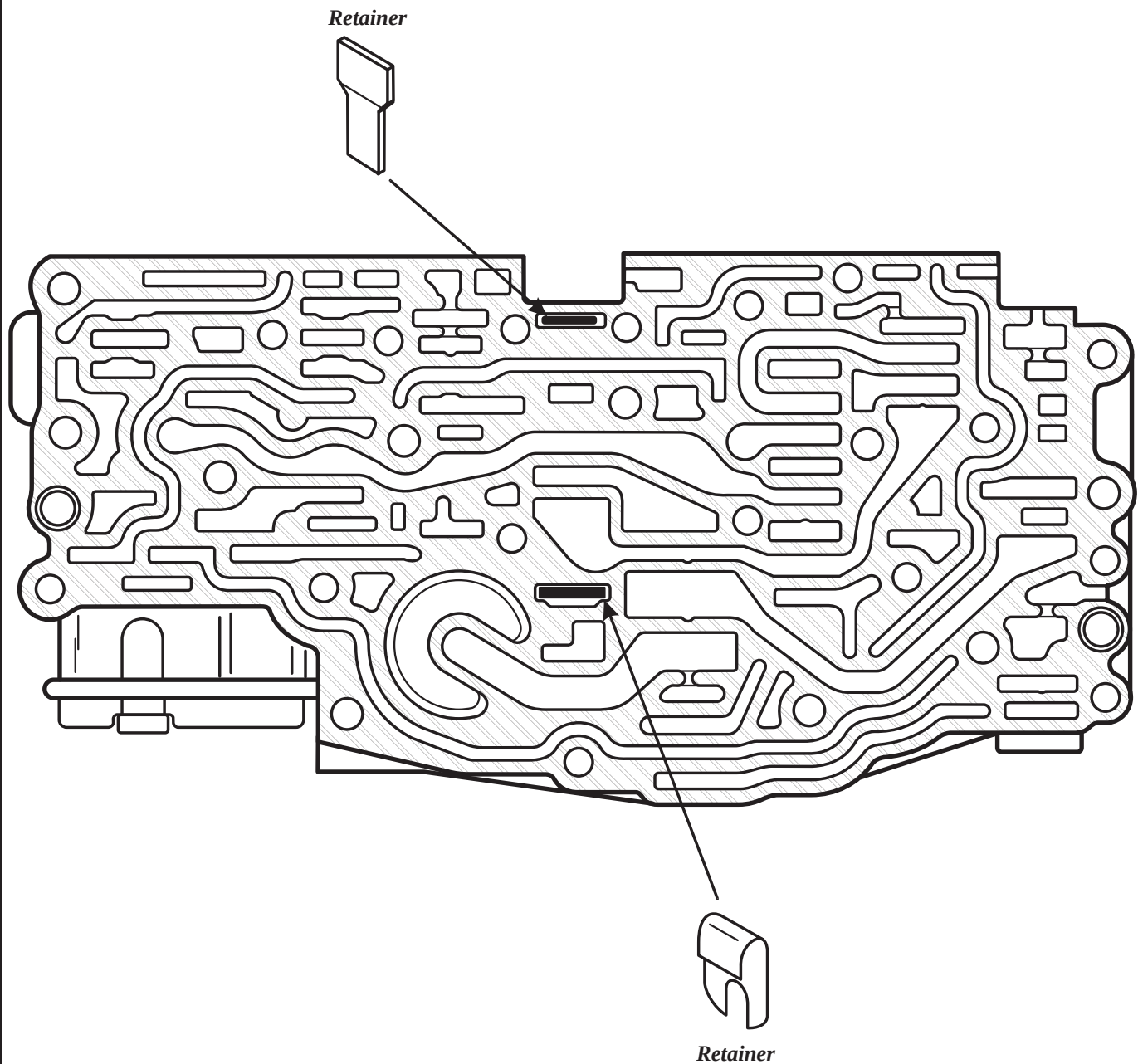


.175" DIAMETER
CHECKBALL

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BMW ELECTRONIC ZF5HP-30 "LOWER FRONT" VALVE BODY

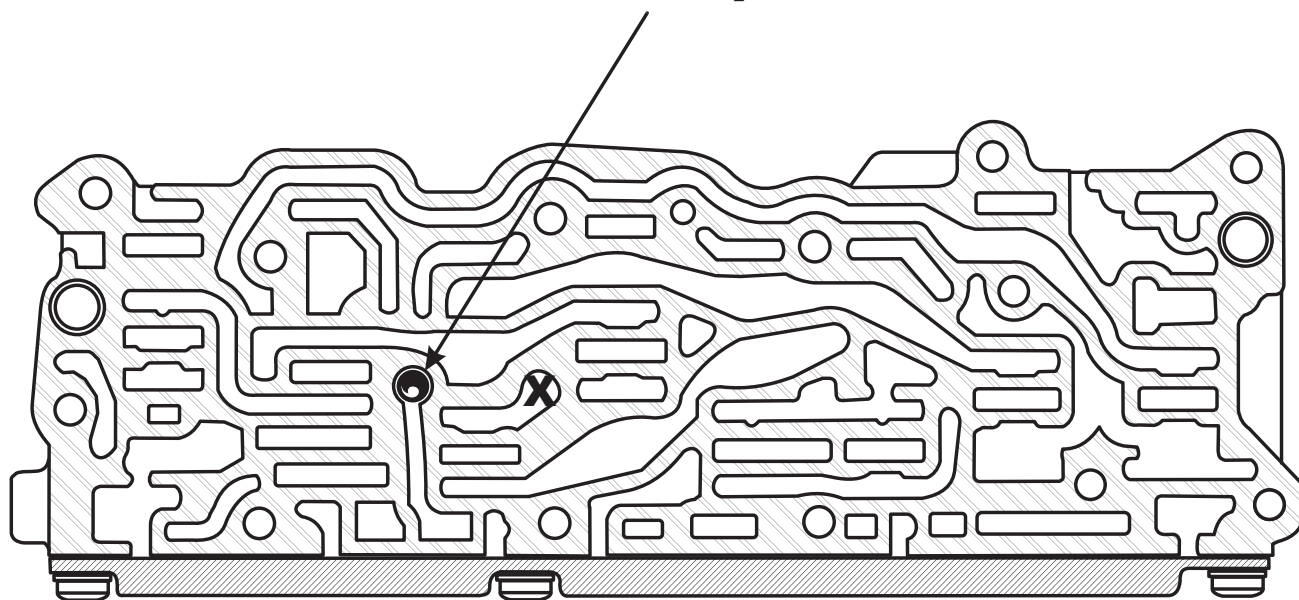
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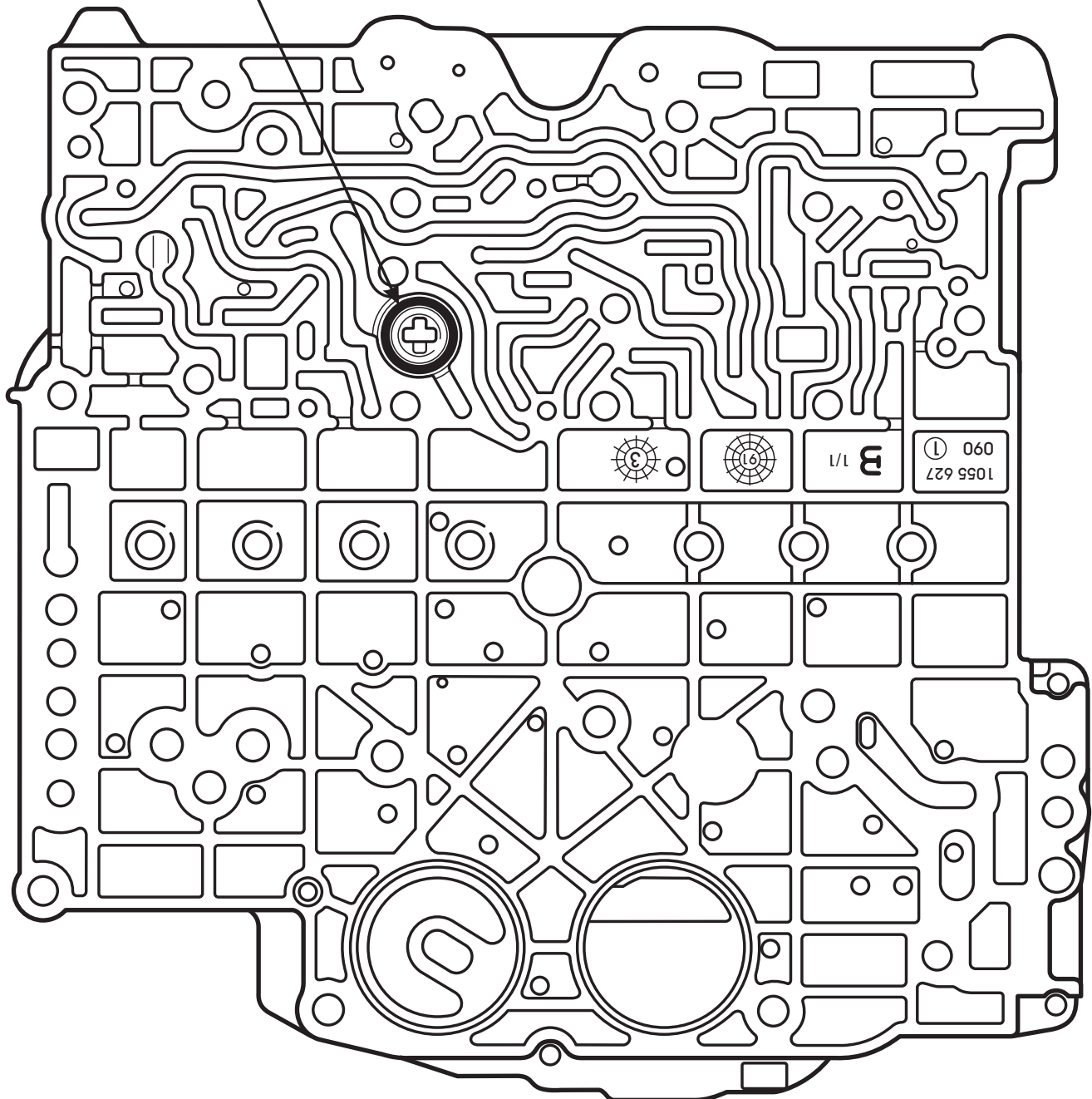
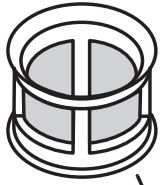
BMW ELECTRONIC ZF5HP-30 "UPPER REAR" VALVE BODY

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



BMW ZF-5HP-30 CHANNEL PLATE "UPPER REAR" VALVE BODY SIDE

Round Screen



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BMW ZF-5HP-30 CHANNEL PLATE "LOWER" VALVE BODY SIDE

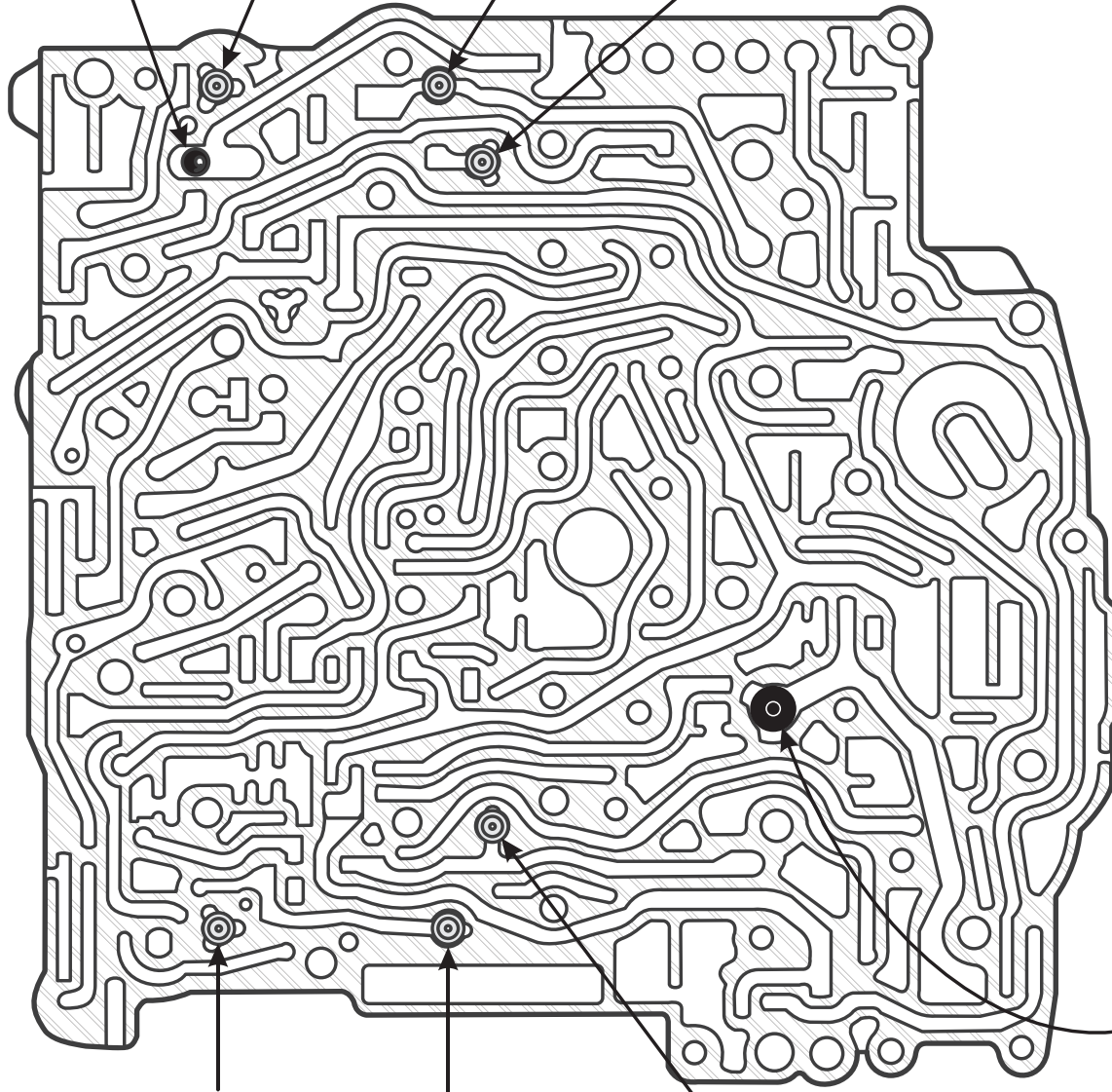
Replace the original ball with
a plastic .250" (6.35mm) ball.

Original
.236" Diameter

.039"
Flat Orifice

.048"
Flat Orifice

.048"
Flat Orifice



PLASTIC VALVE
AND SPRING

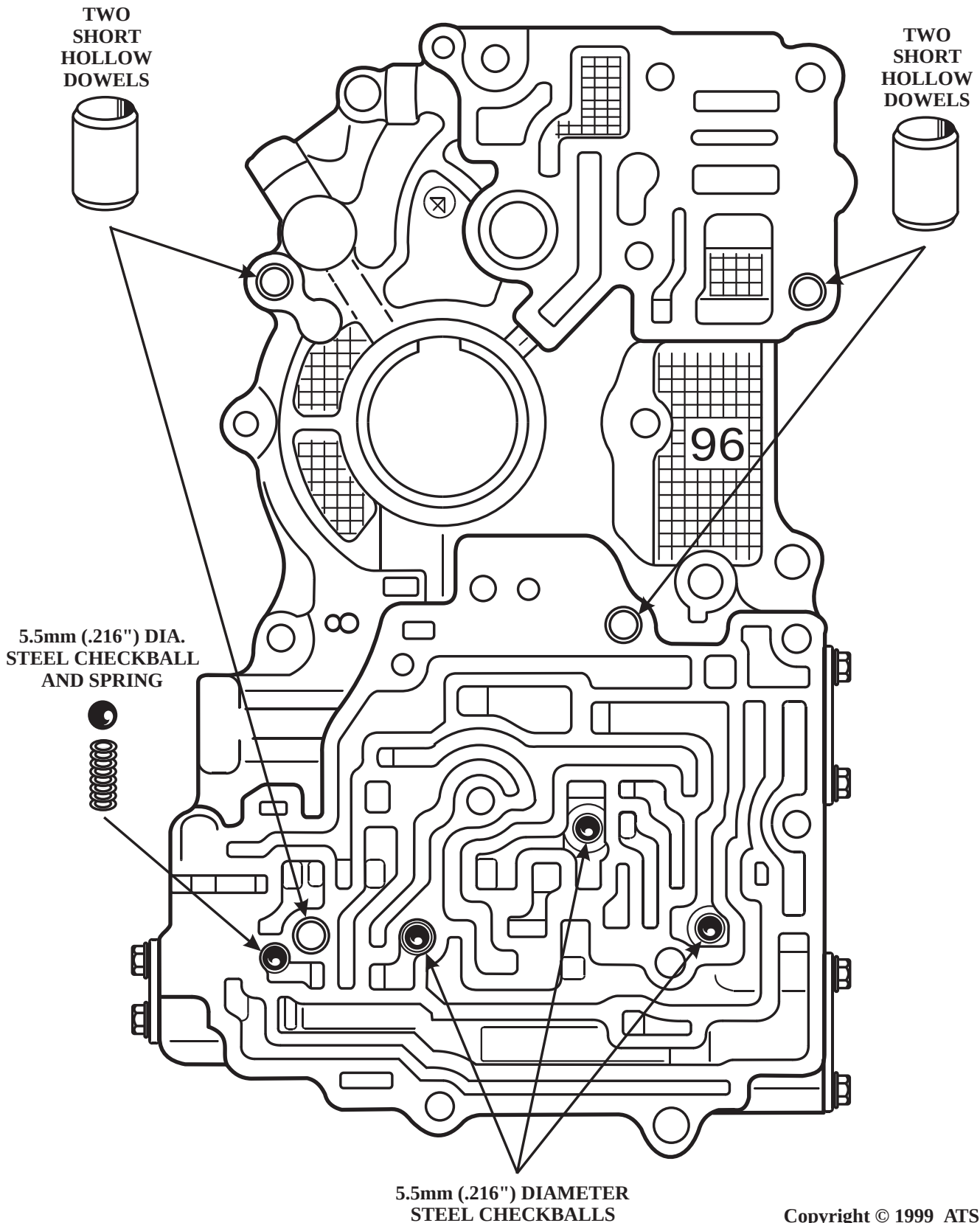
.039"
Flat Orifice

.048"
Flat Orifice

.067"
Flat Orifice

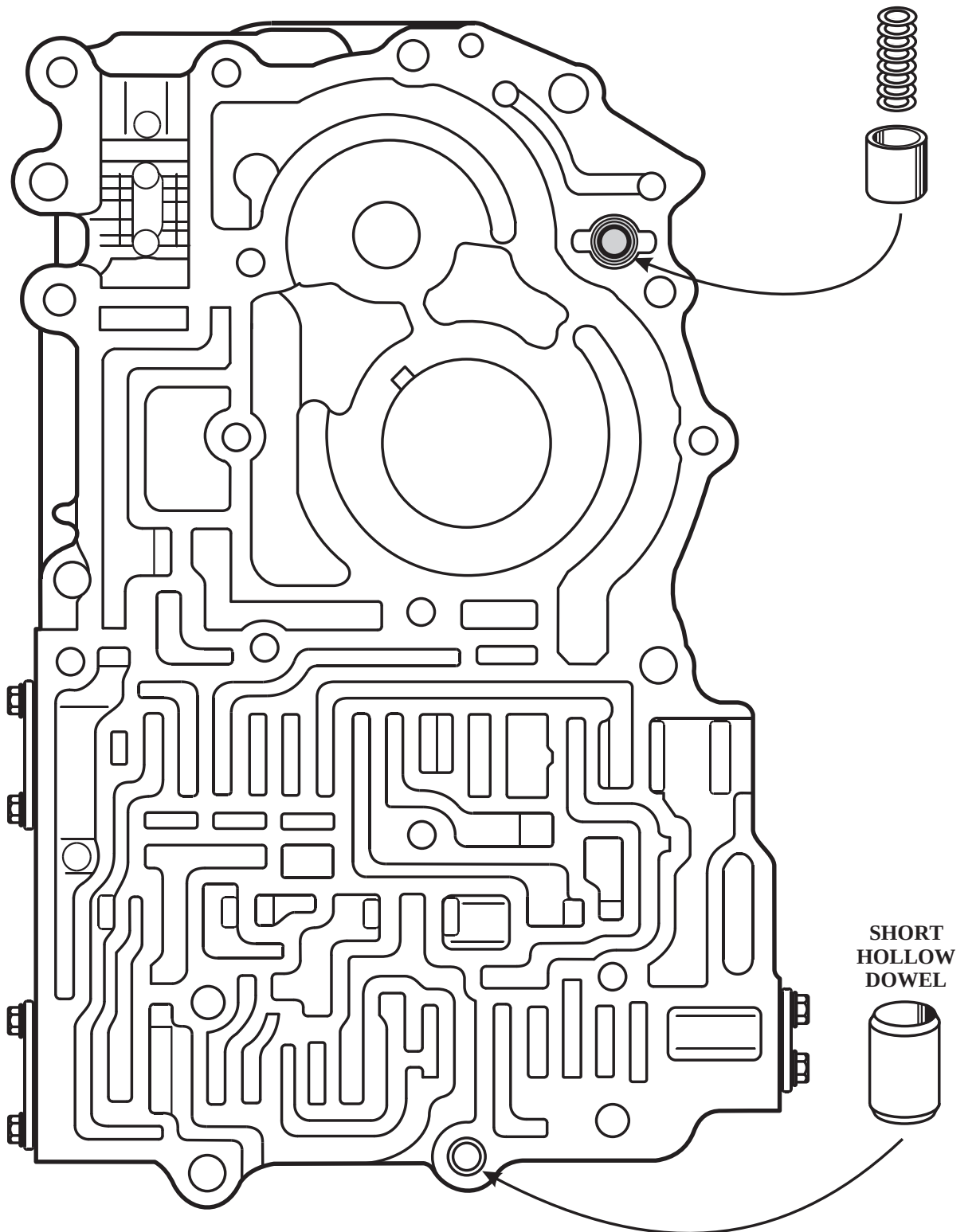
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HONDA ACCORD MODEL "AS" CARBURETED MAIN VALVE BODY "TOP VIEW"



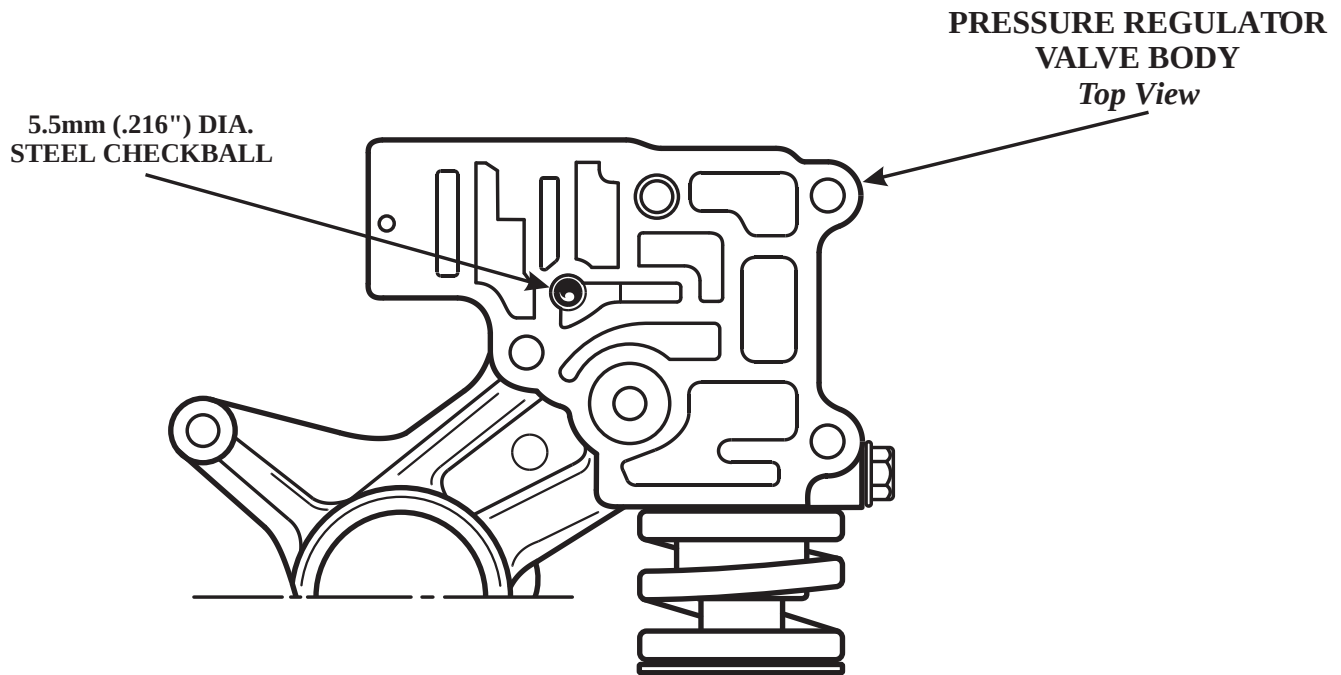
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HONDA ACCORD MODEL "AS" CARBURETED MAIN VALVE BODY "BOTTOM VIEW"

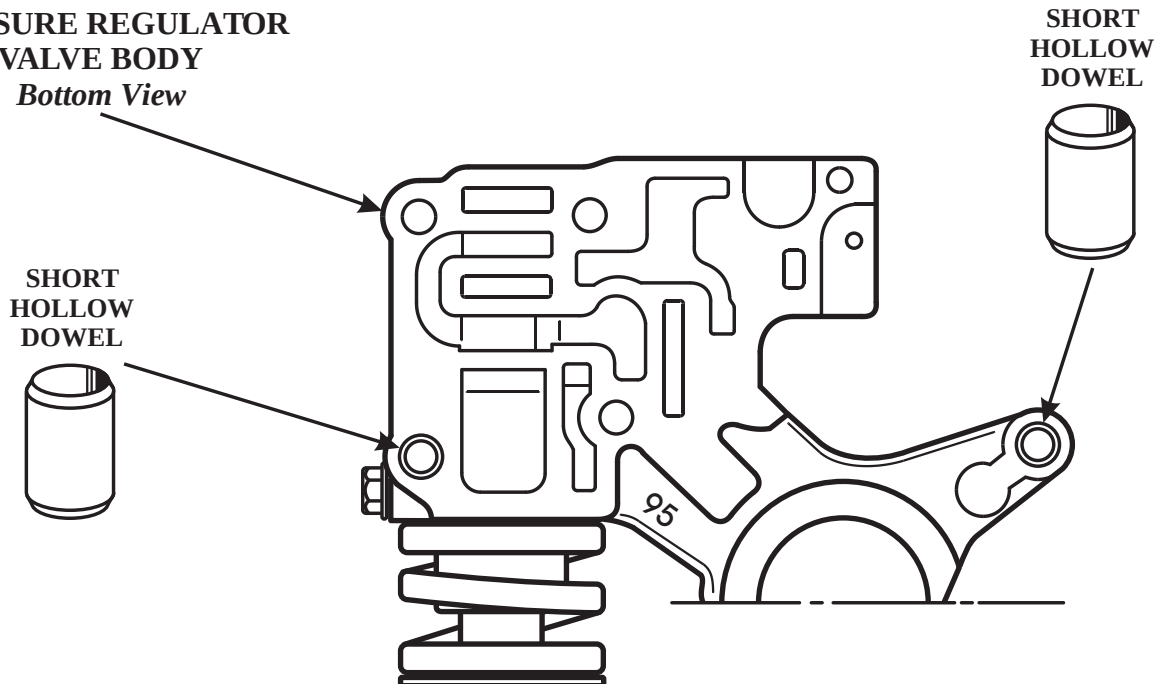


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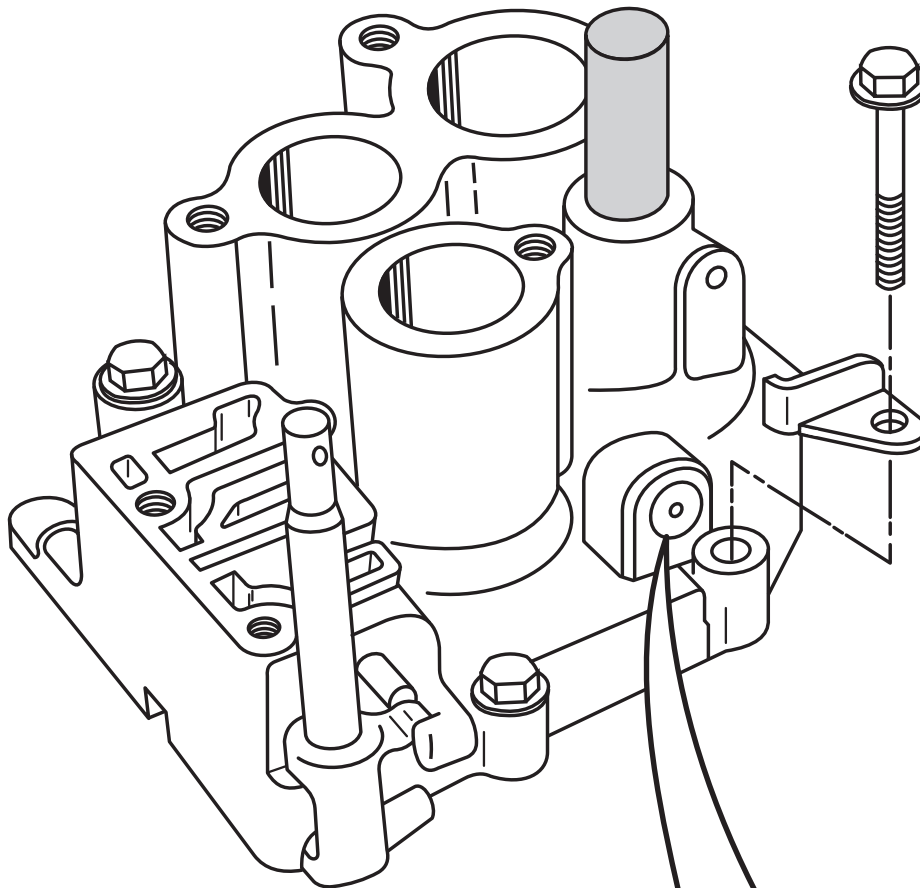
HONDA ACCORD MODEL "AS" CARBURETED "PRESSURE REGULATOR" VALVE BODY



PRESSURE REGULATOR VALVE BODY
Bottom View



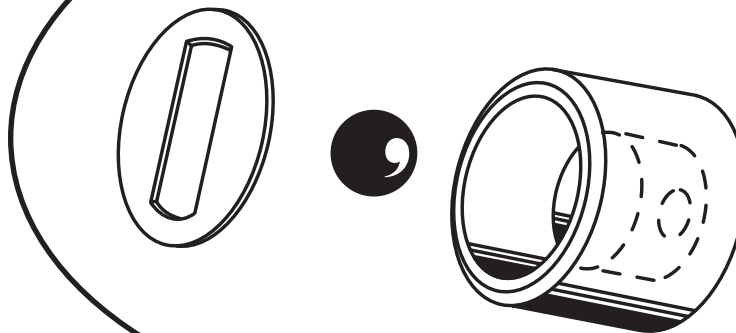
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

SERVO RELEASE CHECK VALVE



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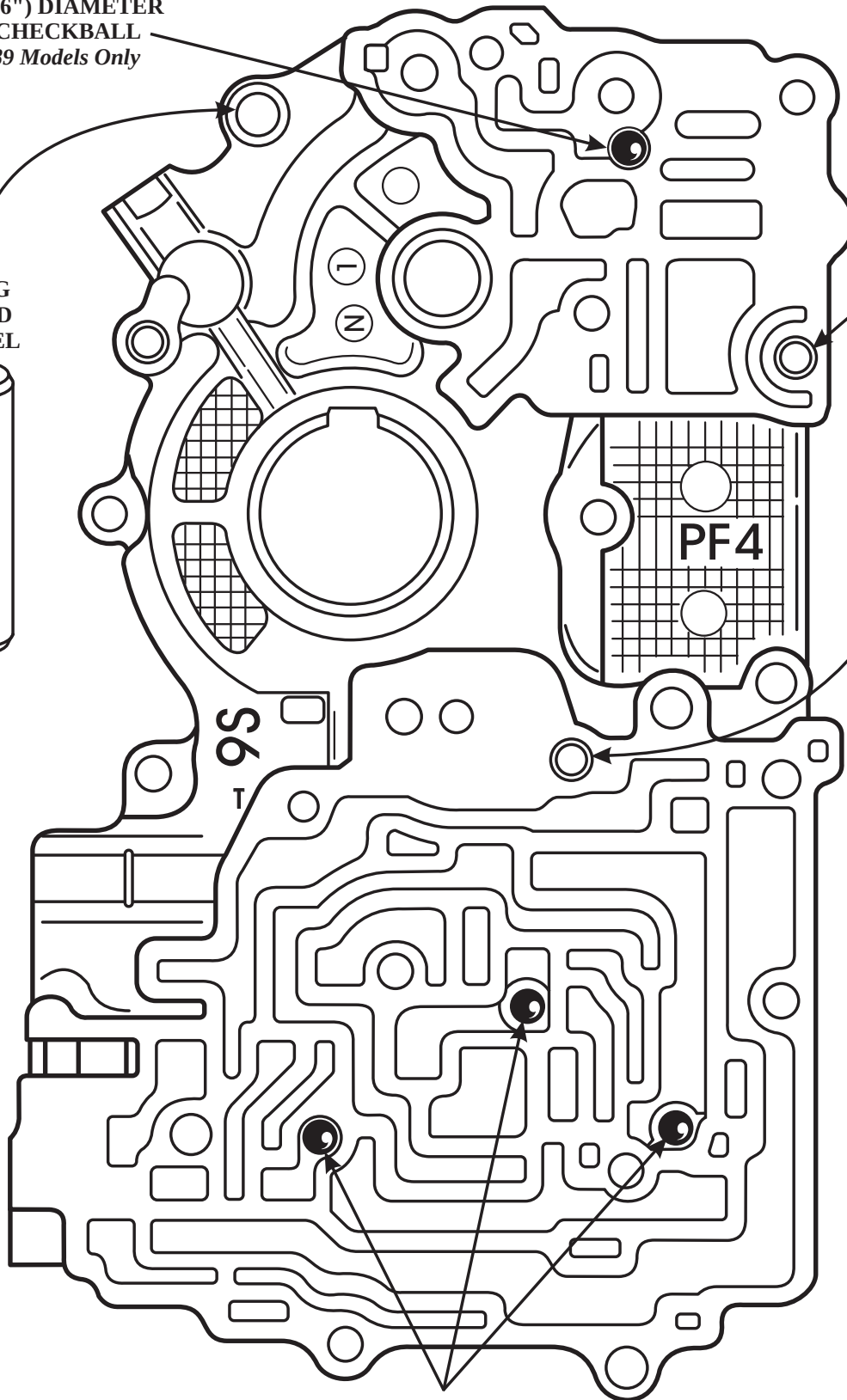
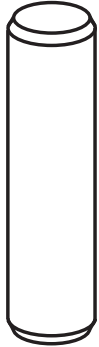
NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

**HONDA PRELUDE AND ACCORD MODEL "F4"
MAIN VALVE BODY "TOP VIEW"**

5.5mm (.216") DIAMETER
STEEL CHECKBALL
1988-1989 Models Only

TWO
SHORT
HOLLOW
DOWELS

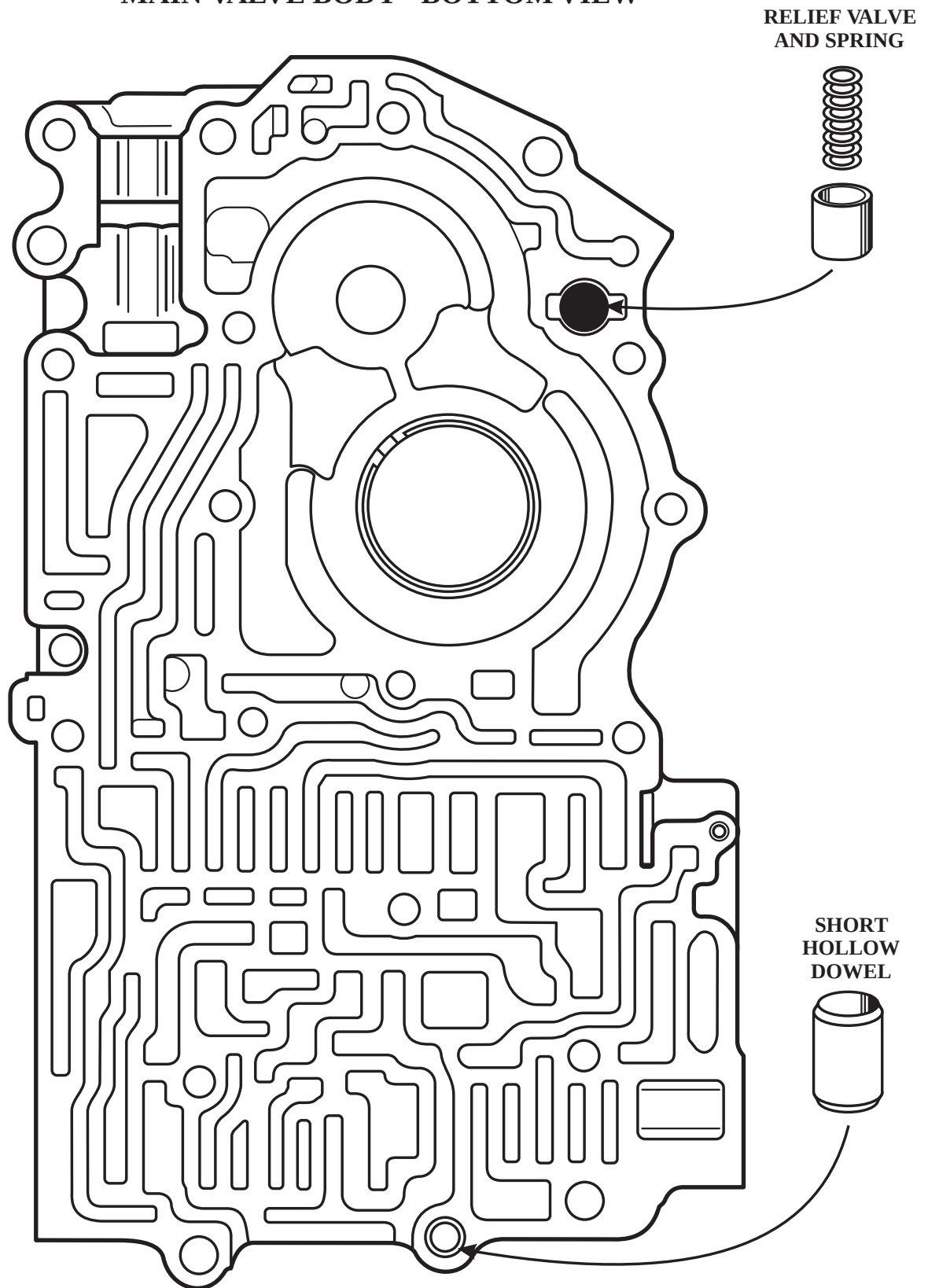
LONG
SOLID
DOWEL



5.5mm (.216") DIAMETER
STEEL CHECKBALLS

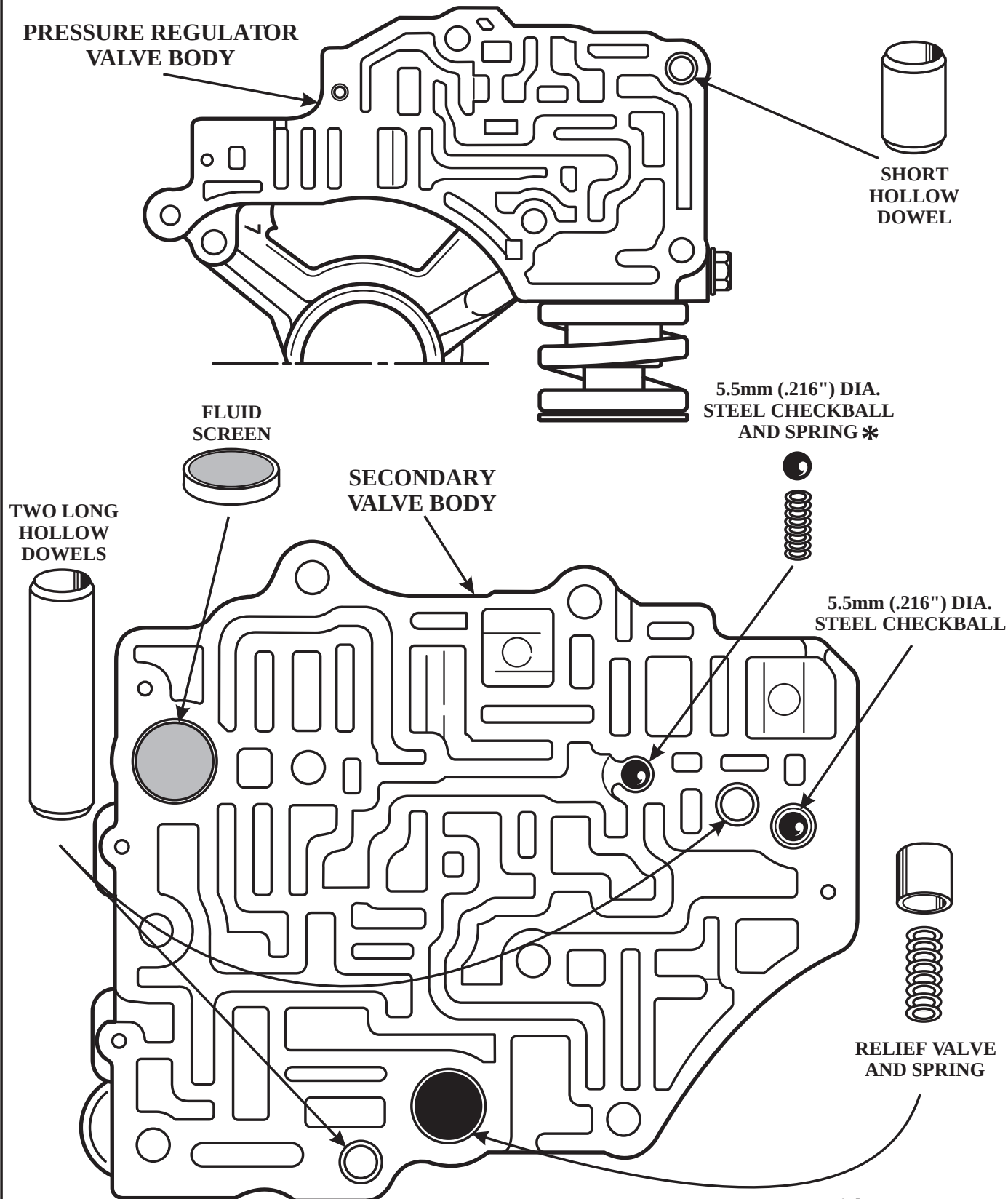
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HONDA PRELUDE AND ACCORD MODEL "F4" MAIN VALVE BODY "BOTTOM VIEW"



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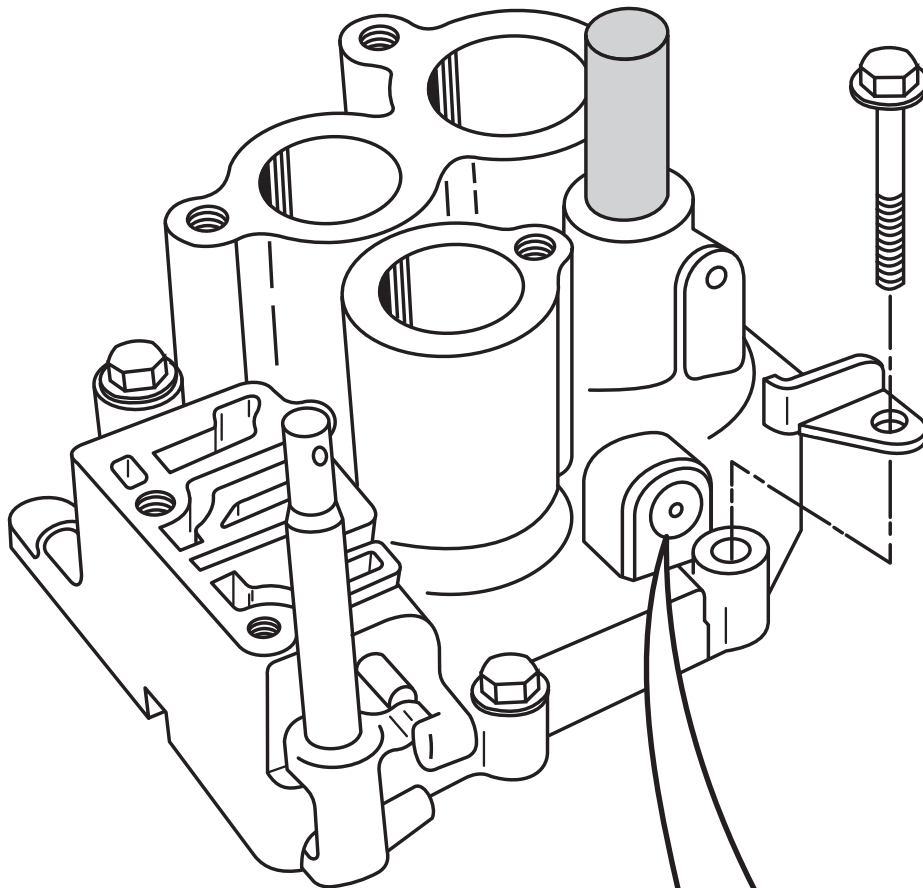
HONDA PRELUDE AND ACCORD MODEL "F4" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



* SOME 1989 MODELS MAY NOT USE SPRING.

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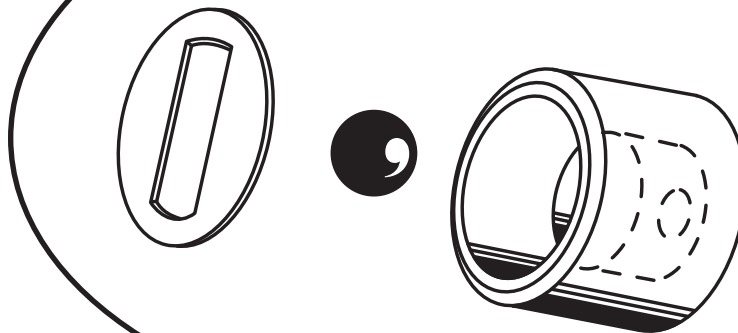
SERVO VALVE BODY



CAUTION:

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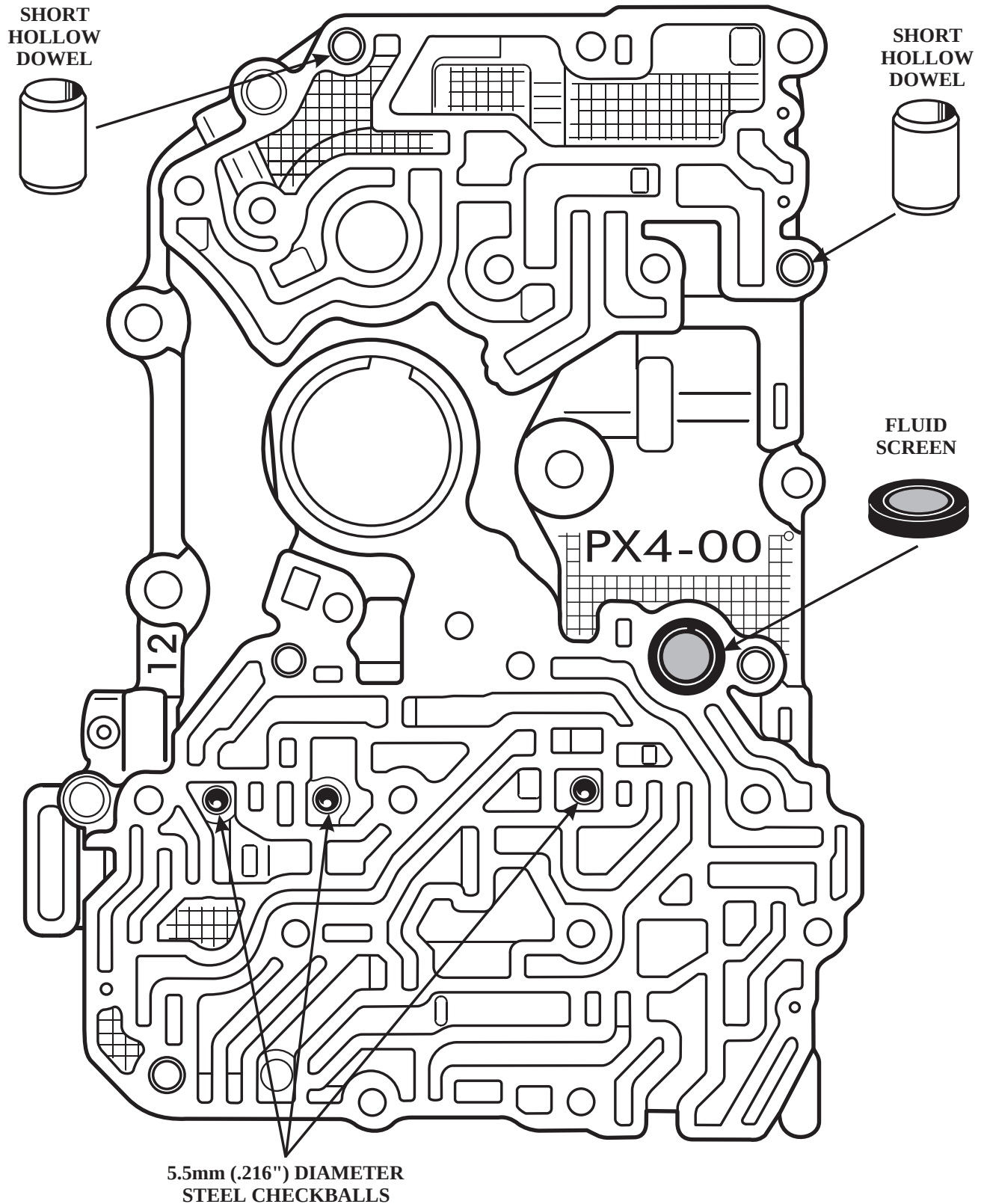
SERVO RELEASE CHECK VALVE



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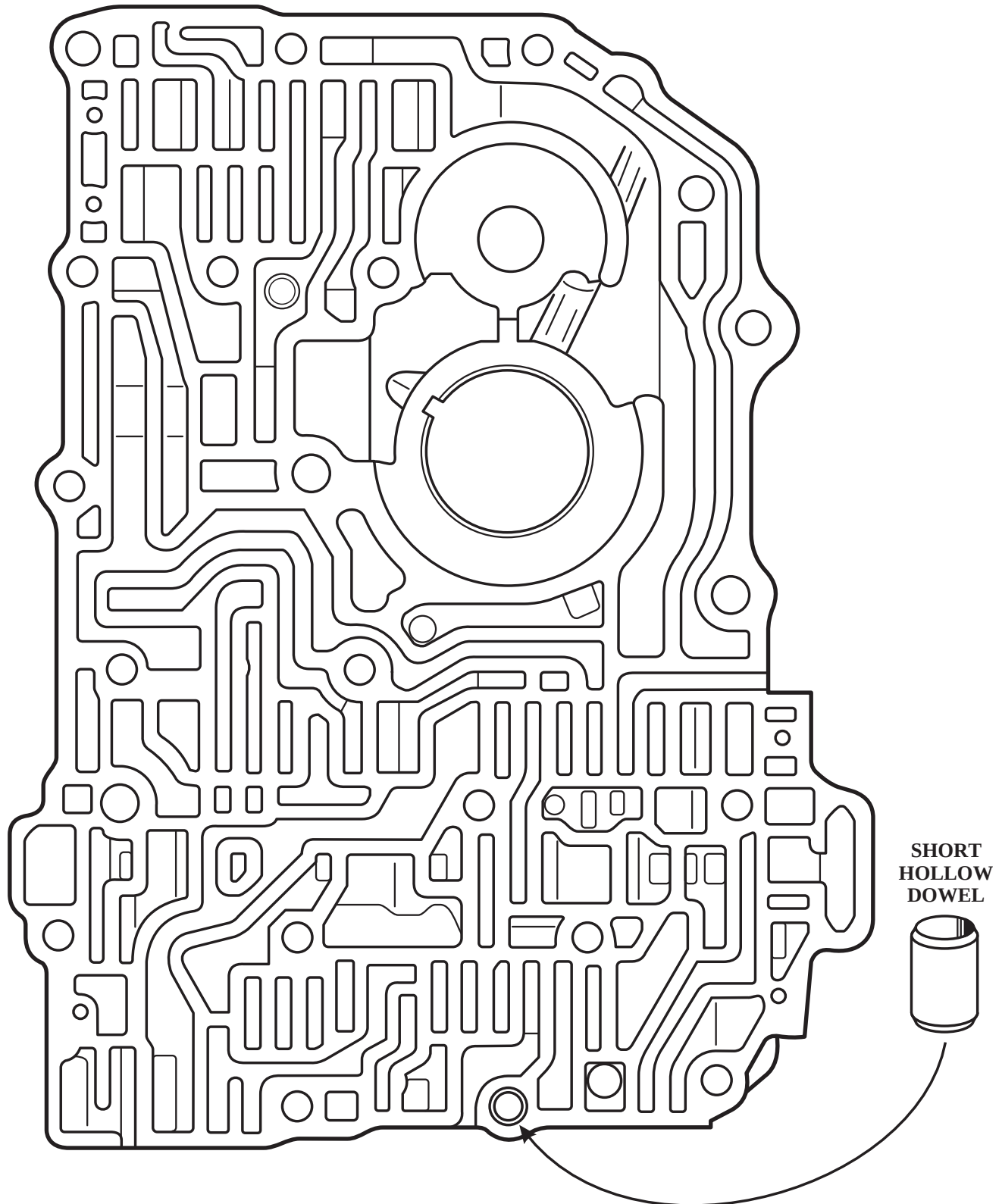
NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

**HONDA ACCORD MODELS "PX4B" "APX4" "MPOA" "AYOA" "BOYA"
MAIN VALVE BODY "TOP VIEW"**



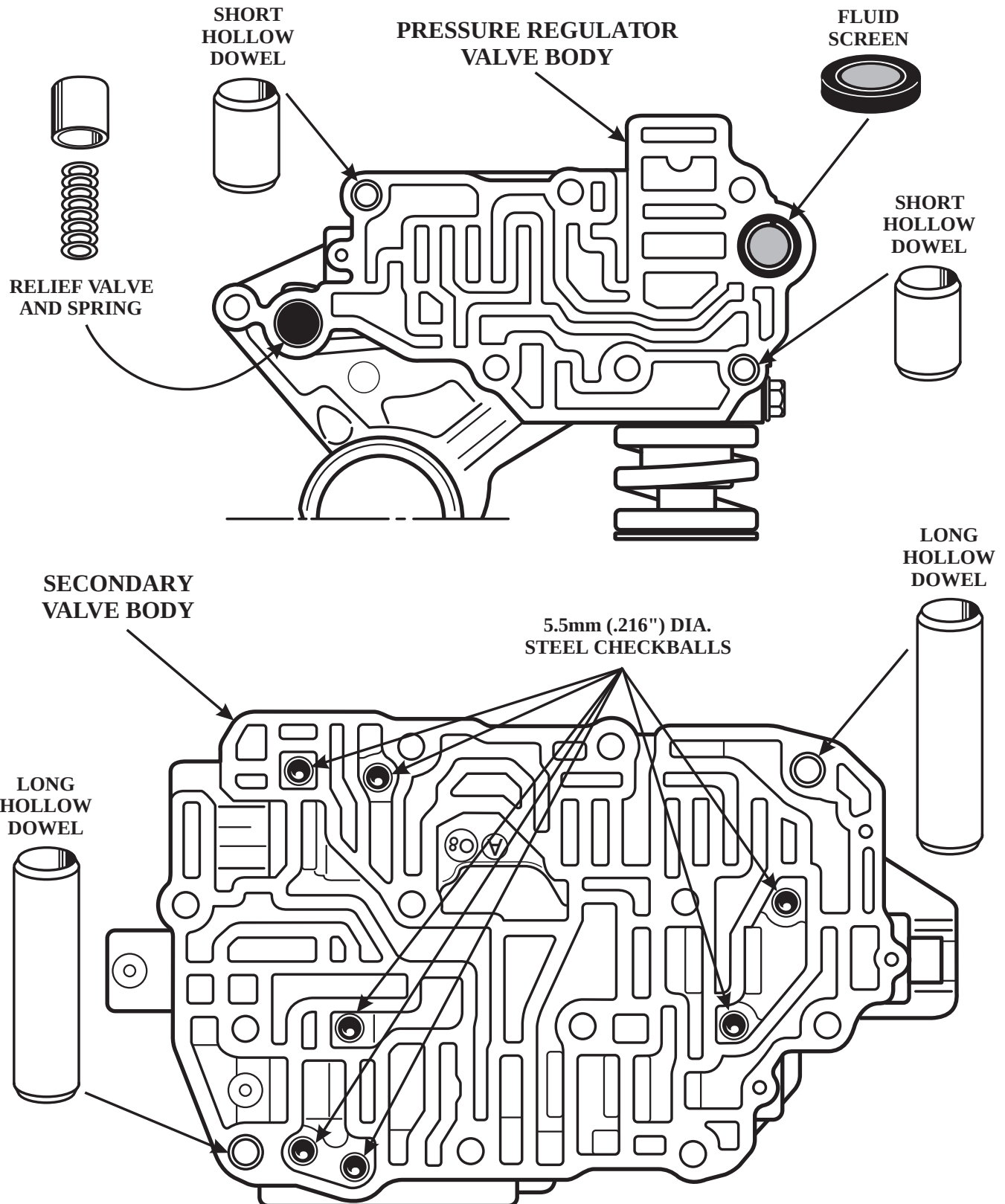
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HONDA ACCORD MODELS "PX4B" "APX4" "MPOA" "AOYA" "BOYA" MAIN VALVE BODY "BOTTOM VIEW"



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HONDA ACCORD MODELS "PX4B" "APX4" "MPOA" "AOYA" "BOYA" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



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

ACCUMULATOR
BODY COVER

1ST ACCUMULATOR
CHOKE VALVE

*Not Necessary
To Remove*

5.5mm (.216") DIA.
STEEL BALL

BOTTOM VIEW

SHORT
HOLLOW
DOWEL

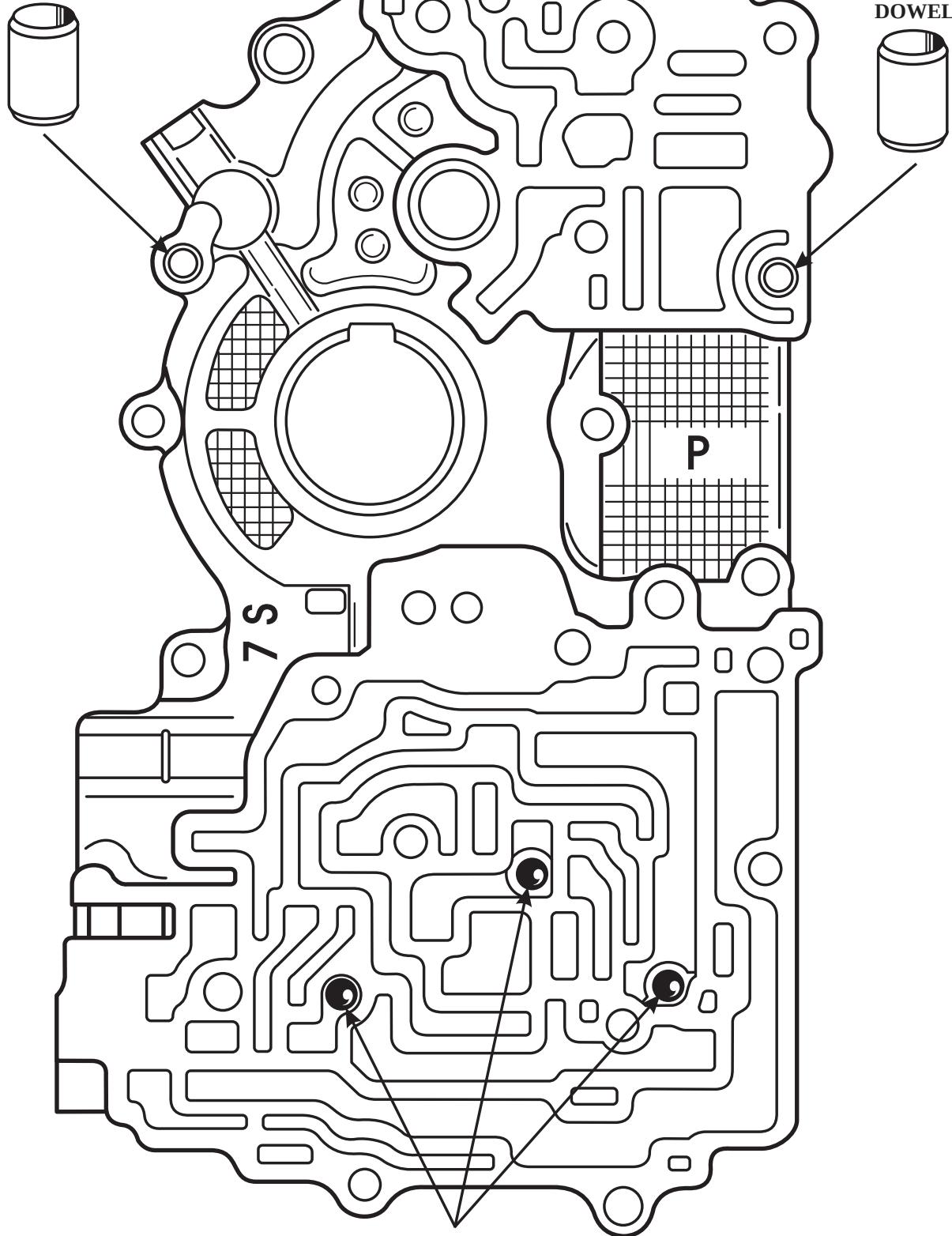
SHORT
HOLLOW
DOWEL

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**HONDA CIVIC MODEL "CA"
MAIN VALVE BODY "TOP VIEW"**

SHORT
HOLLOW
DOWEL

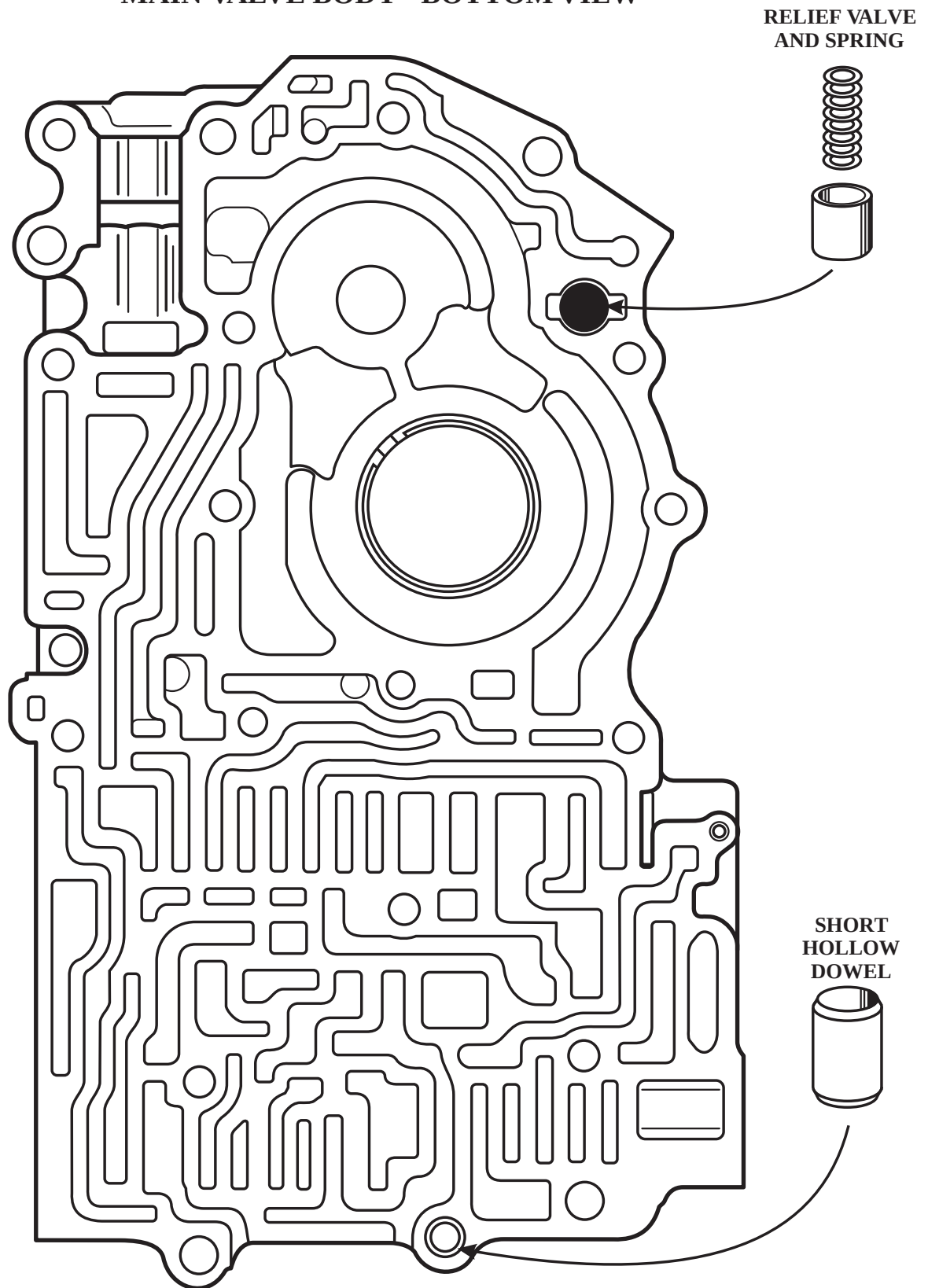
SHORT
HOLLOW
DOWEL



5.5mm (.216") DIAMETER
STEEL CHECKBALLS

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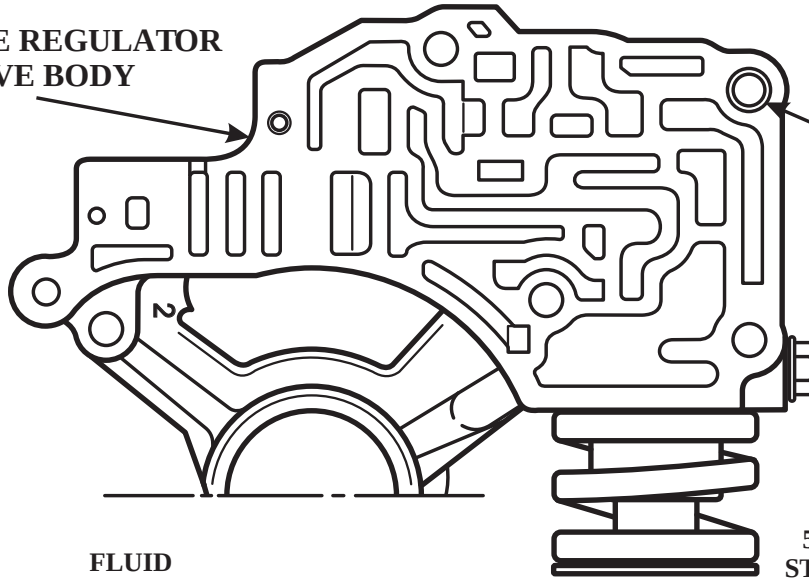
HONDA CIVIC MODEL "CA" MAIN VALVE BODY "BOTTOM VIEW"



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HONDA CIVIC MODEL "CA" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY

PRESSURE REGULATOR
VALVE BODY



SHORT
HOLLOW
DOWEL

5.5mm (.216") DIA.
STEEL CHECKBALL
AND SPRING

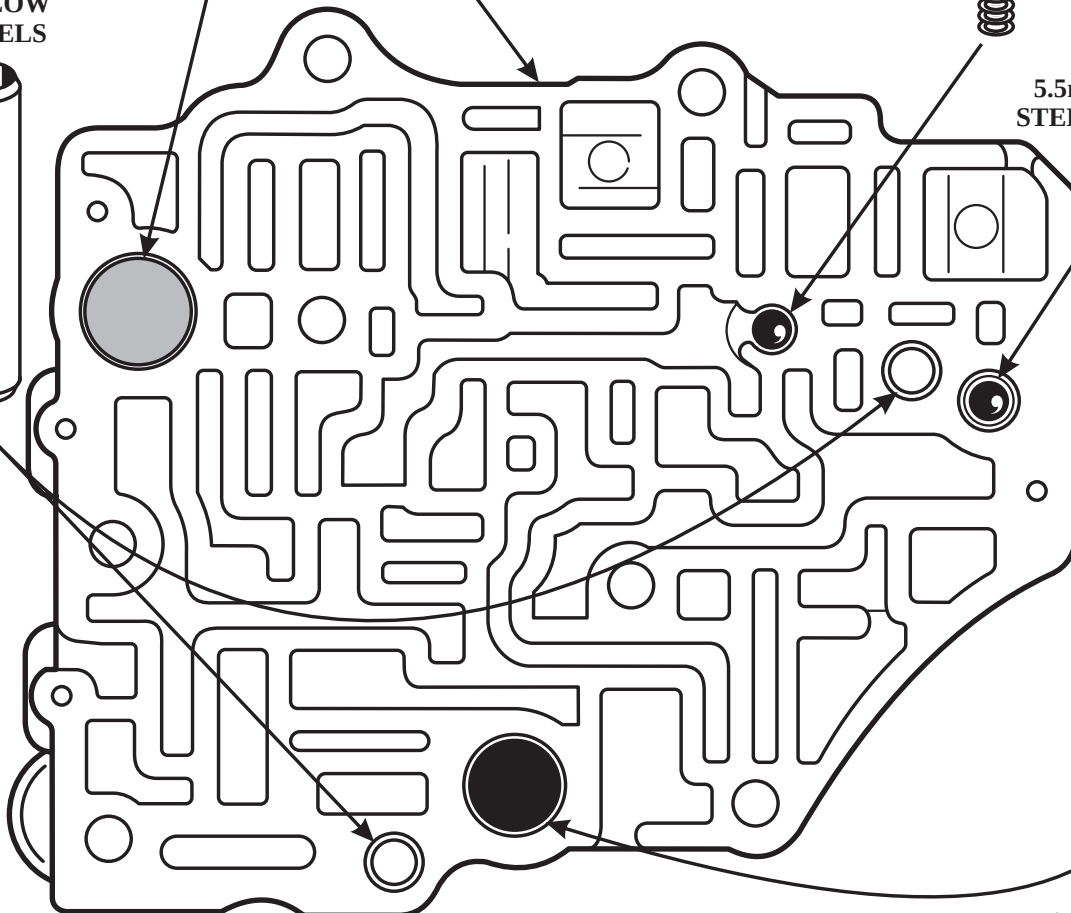
FLUID
SCREEN

SECONDARY
VALVE BODY

TWO LONG
HOLLOW
DOWELS

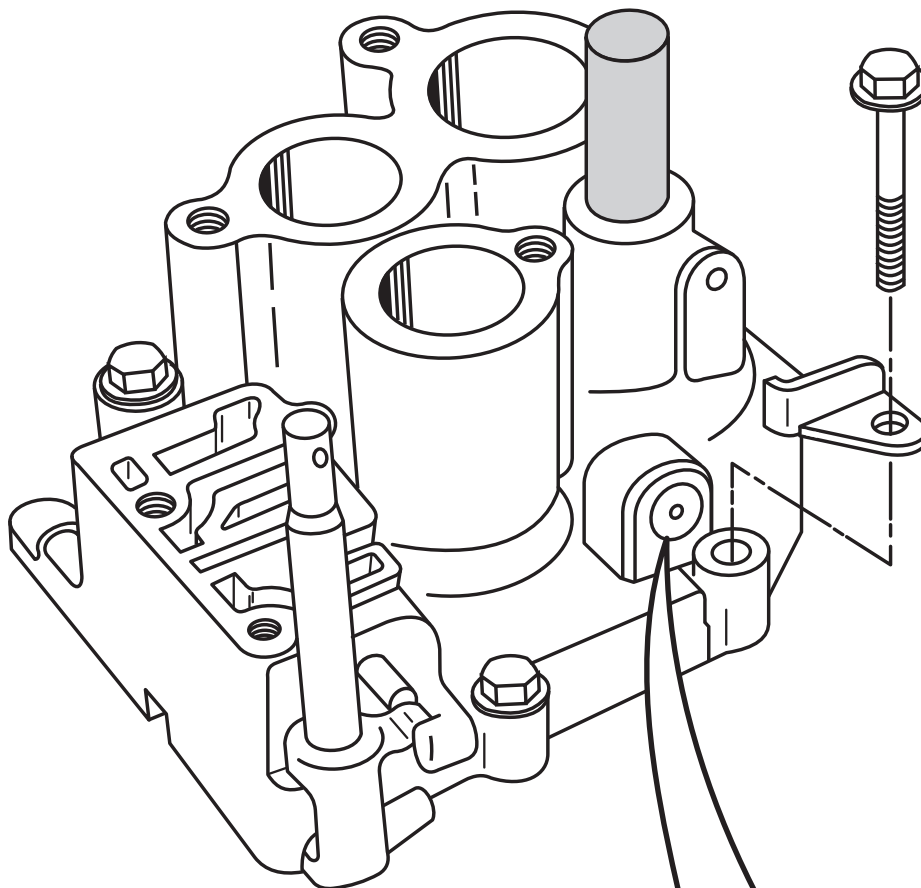
5.5mm (.216") DIA.
STEEL CHECKBALL

RELIEF VALVE
AND SPRING



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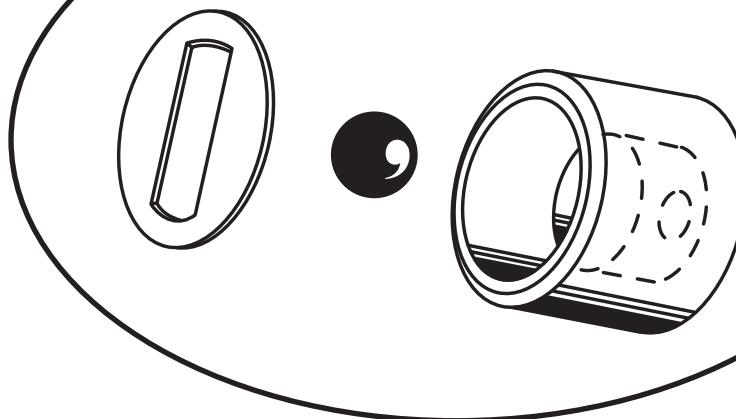
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

SERVO RELEASE CHECK VALVE



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NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

1988 HONDA CIVIC MODEL "L4", "ML4A" MAIN VALVE BODY "TOP VIEW"

5.5mm (.216") DIAMETER
STEEL CHECKBALLS

RELIEF VALVE
AND SPRING

SHORT
HOLLOW
DOWEL

SHORT
HOLLOW
DOWEL

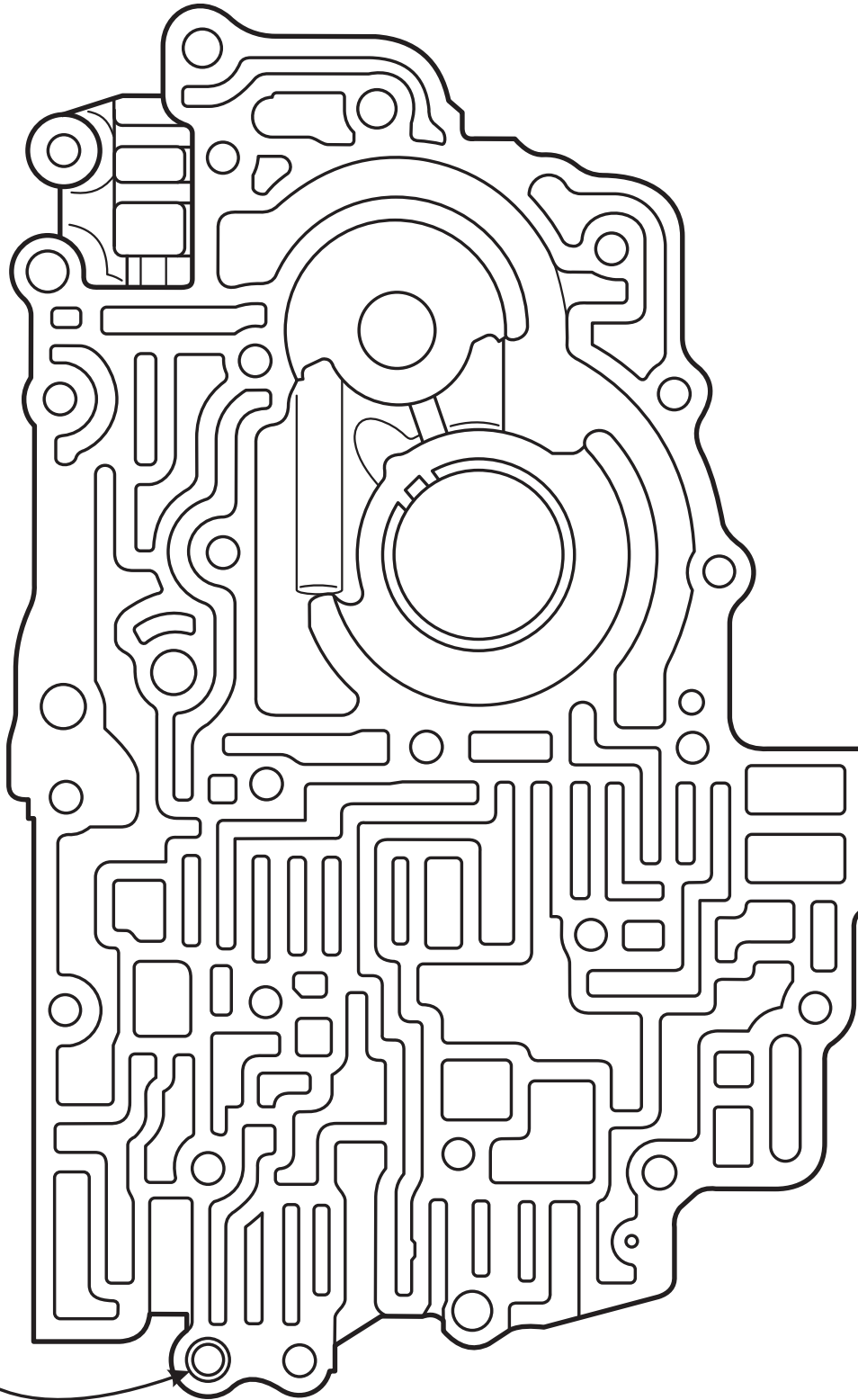
LONG
SOLID
DOWEL

5.5mm (.216") DIAMETER
STEEL CHECKBALLS

FLUID
SCREEN

5.5mm (.216") DIAMETER
STEEL CHECKBALLS

1988 HONDA CIVIC MODEL "L4", "ML4A" MAIN VALVE BODY "BOTTOM VIEW"

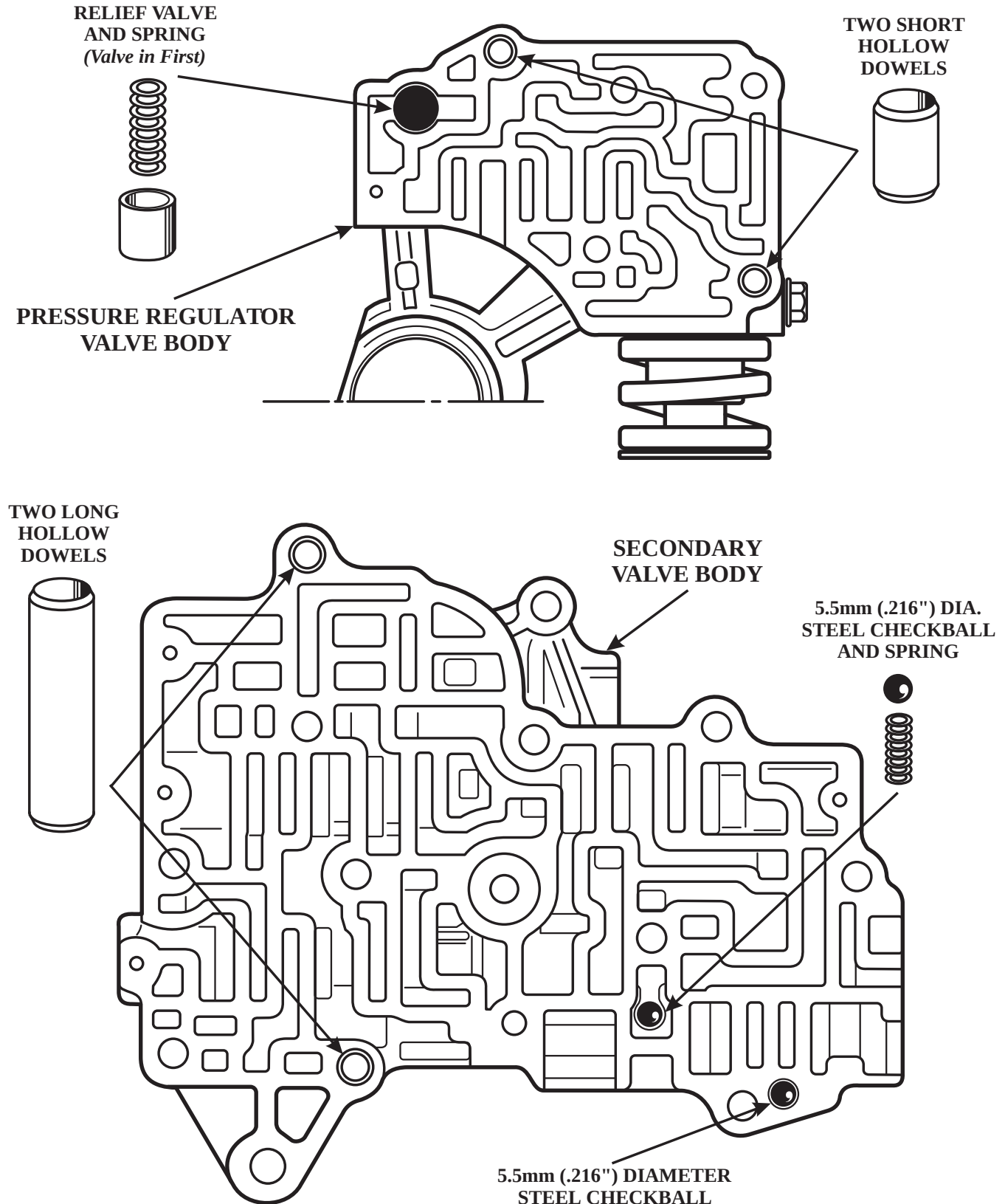


SHORT
HOLLOW
DOWEL



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1988 HONDA CIVIC MODEL "L4", "ML4A" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



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1989-1990 HONDA CIVIC MODEL "L4", "ML4A" MAIN VALVE BODY "TOP VIEW"

5.5mm (.216") DIAMETER
STEEL CHECKBALL

RELIEF VALVE
AND SPRING
Valve In First



TWO
SHORT
HOLLOW
DOWELS



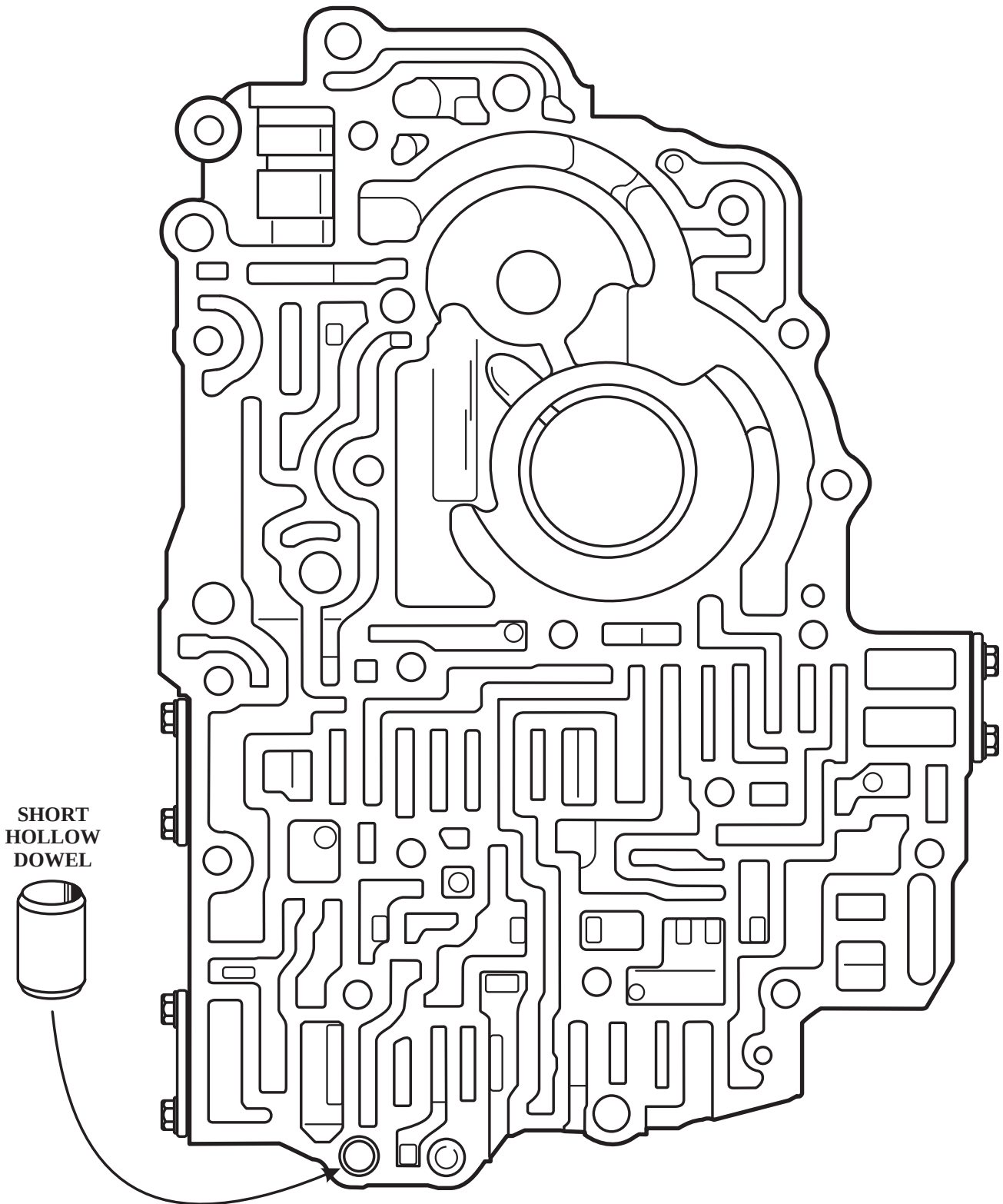
FLUID
SCREEN



5.5mm (.216") DIAMETER
STEEL CHECKBALLS

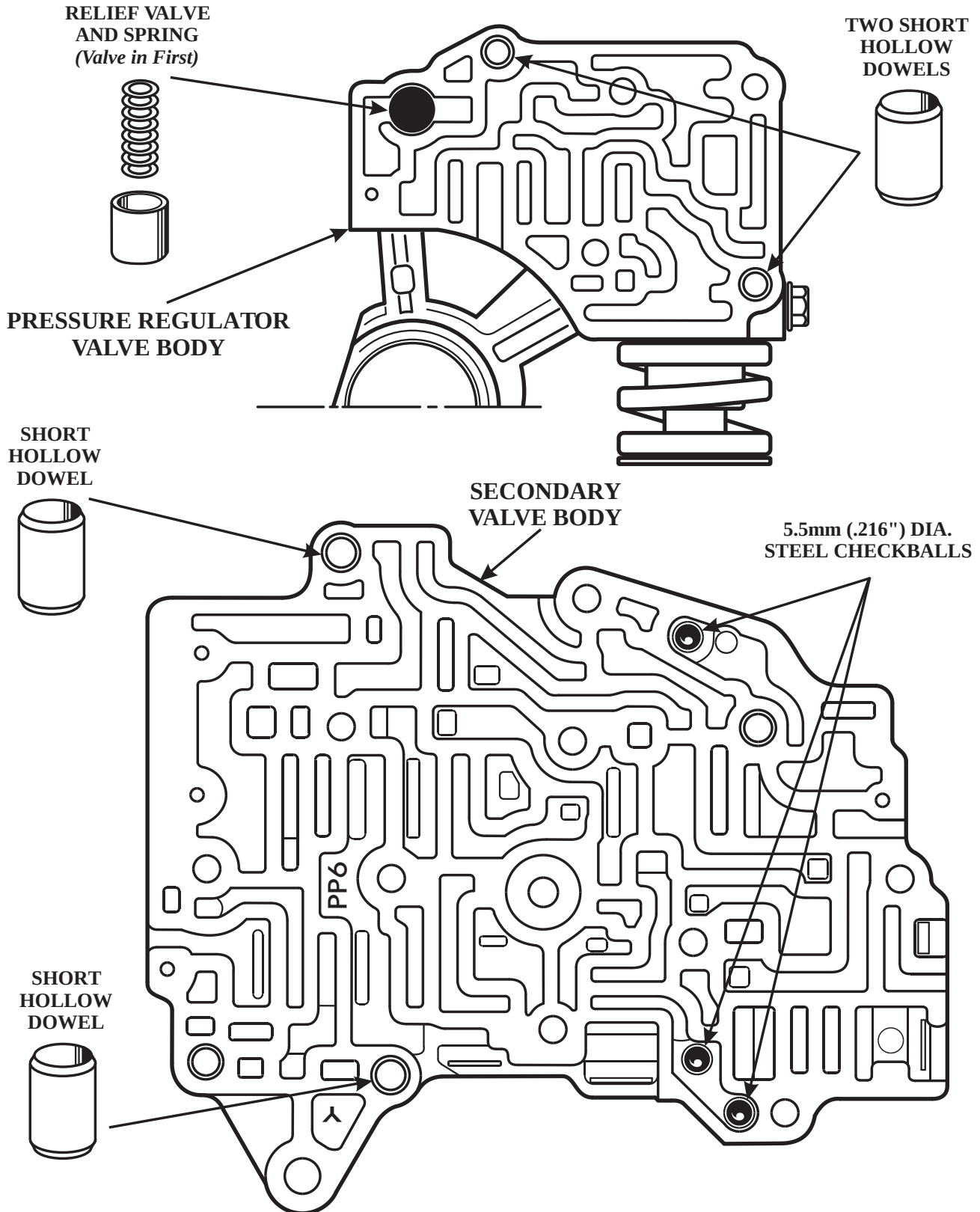
Copyright © 1999 ATSG

1989-1990 HONDA CIVIC MODEL "L4", "ML4A" MAIN VALVE BODY "BOTTOM VIEW"



Copyright © 1999 ATSG

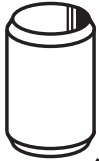
1989-1990 HONDA CIVIC MODEL "L4", "ML4A" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



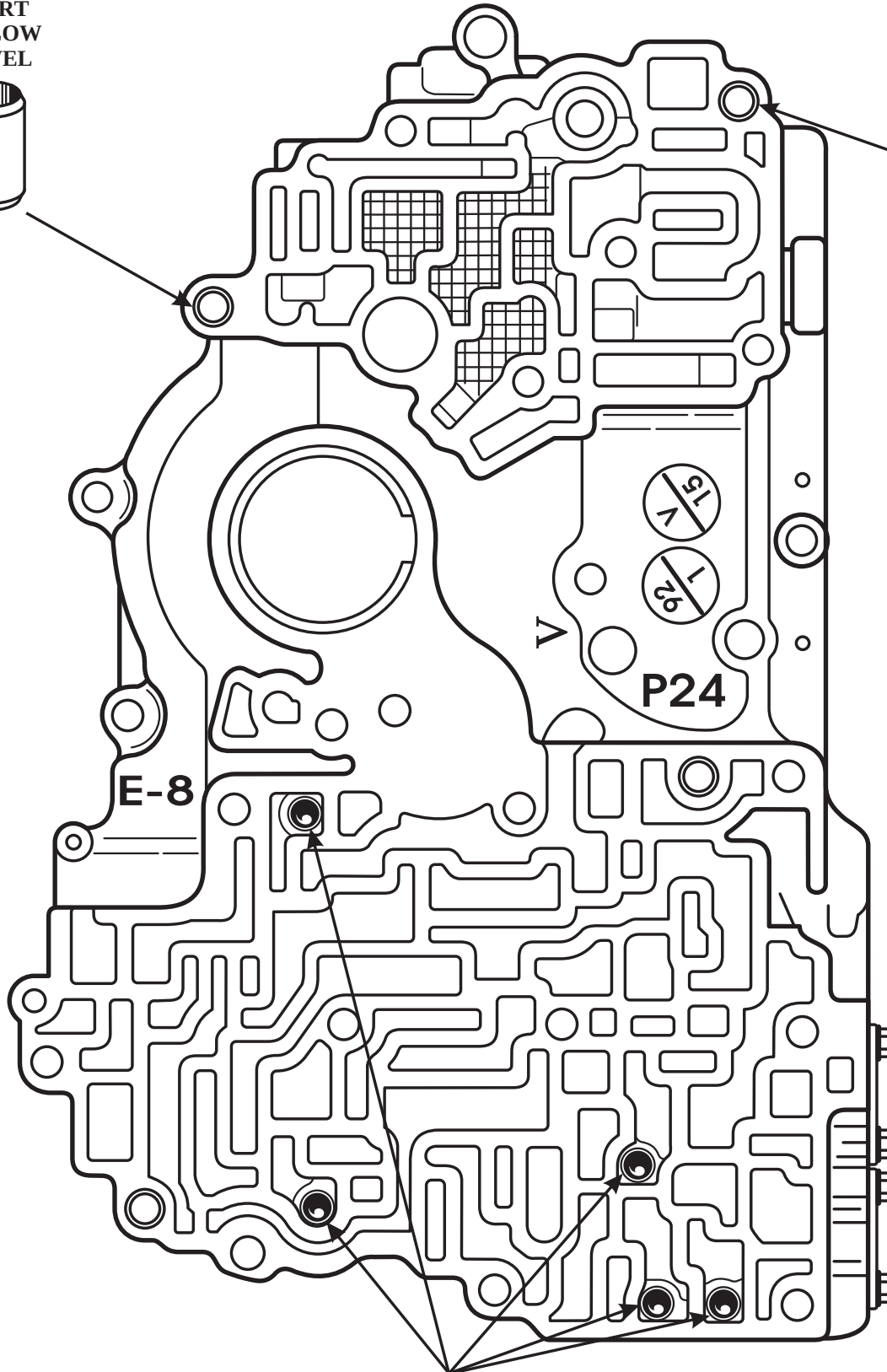
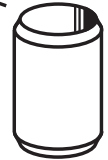
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HONDA CIVIC MODEL "M24A" MAIN VALVE BODY "TOP VIEW"

SHORT
HOLLOW
DOWEL



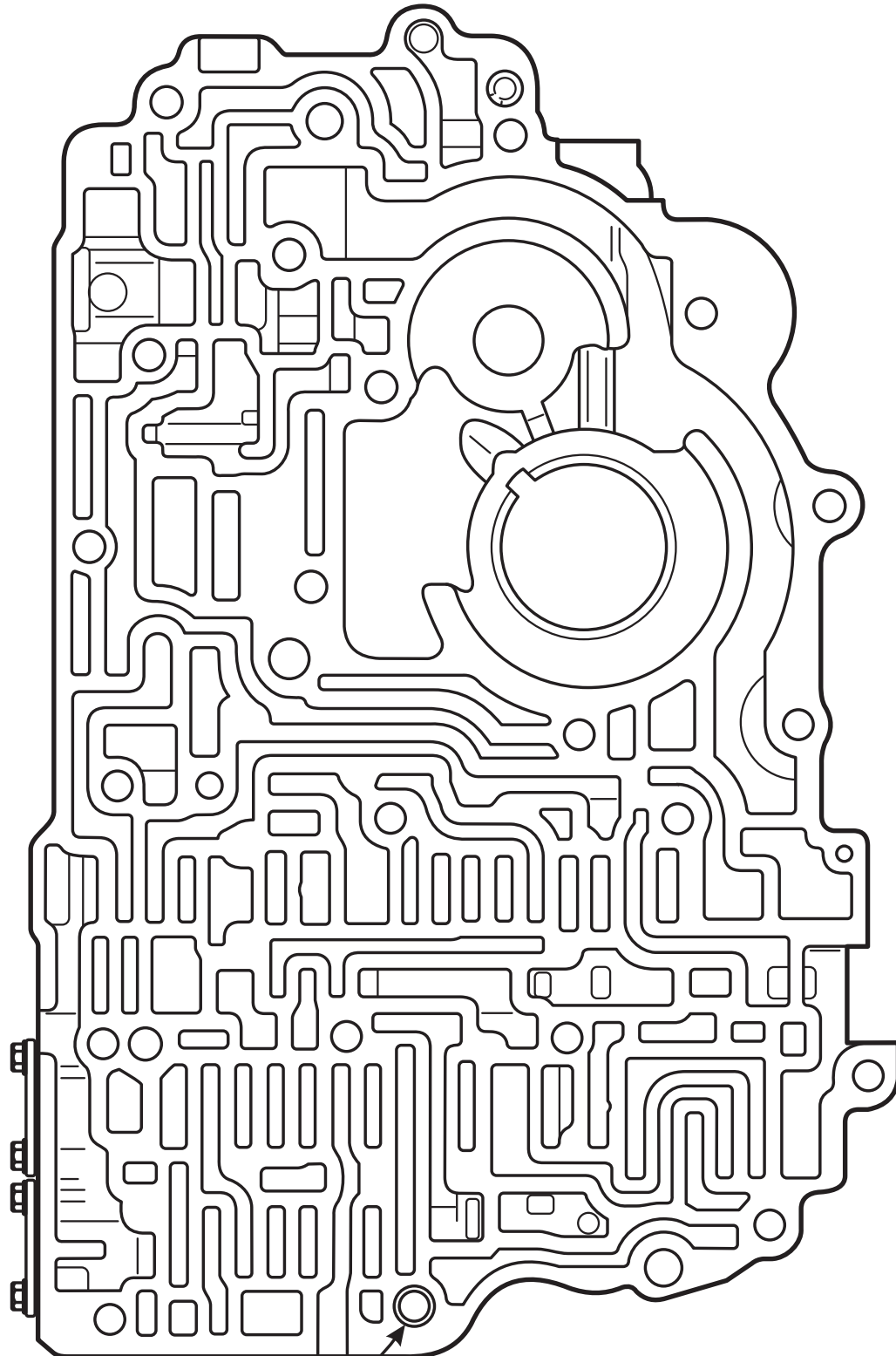
SHORT
HOLLOW
DOWEL



5.5mm (.216") DIAMETER
STEEL CHECKBALLS

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HONDA CIVIC MODEL "M24A" MAIN VALVE BODY "BOTTOM VIEW"



SHORT
HOLLOW
DOWEL



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HONDA CIVIC MODEL "M24A" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY

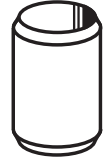
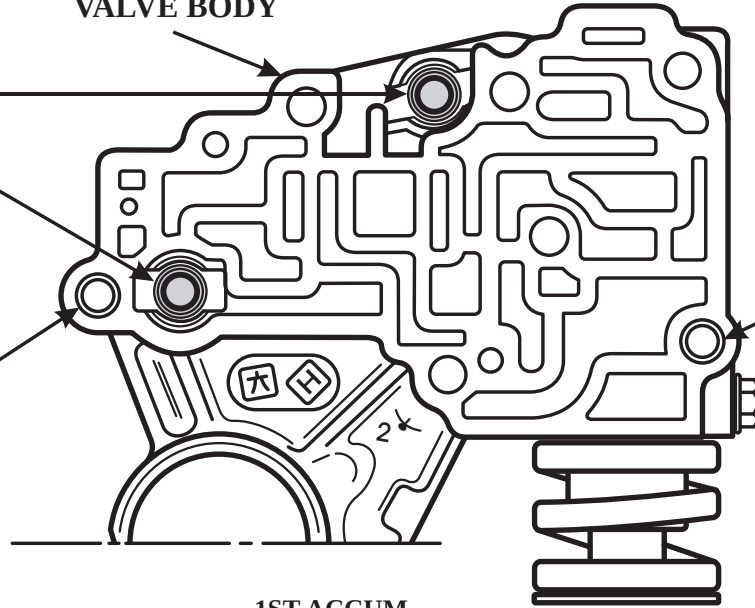
RELIEF VALVES
AND SPRINGS

PRESSURE REGULATOR
VALVE BODY

SHORT
HOLLOW
DOWEL



SHORT
HOLLOW
DOWEL

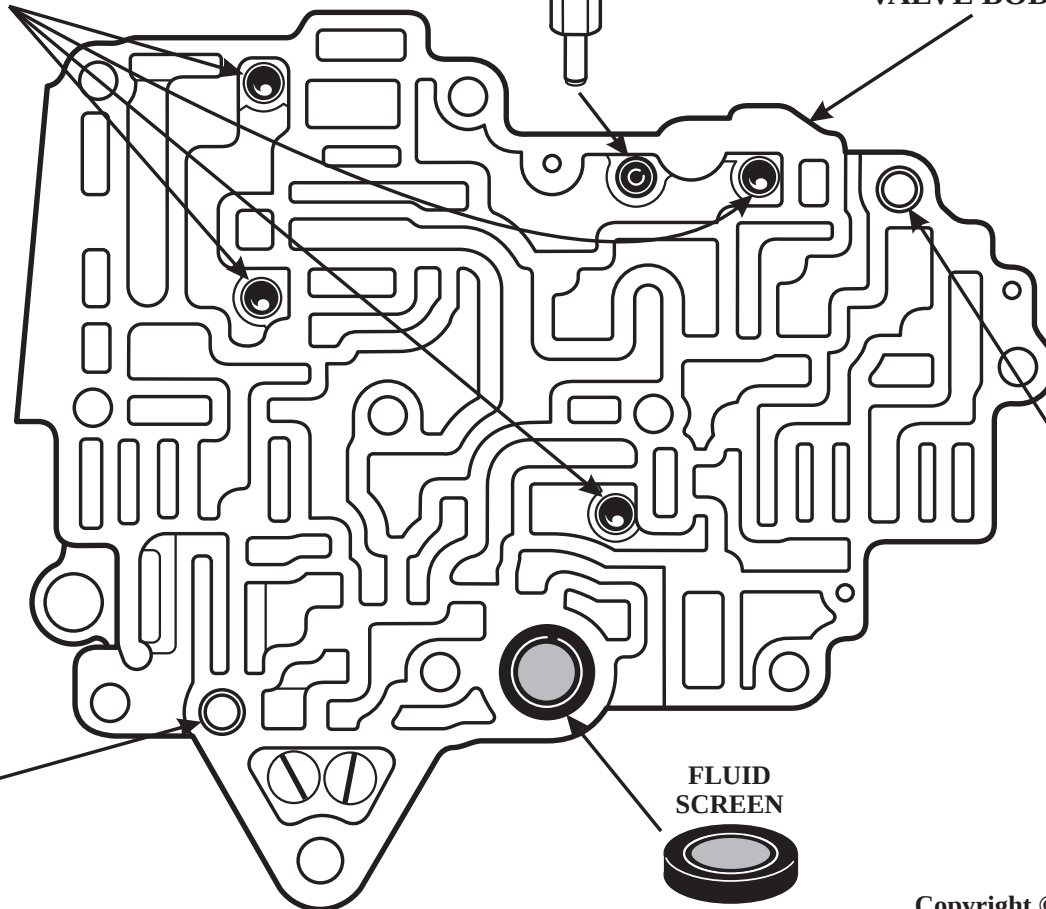
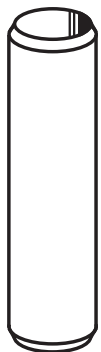


1ST ACCUM.
CHOKE VALVE

5.5mm (.216") DIA.
STEEL CHECKBALLS

SECONDARY
VALVE BODY

LONG
HOLLOW
DOWEL



LONG
HOLLOW
DOWEL

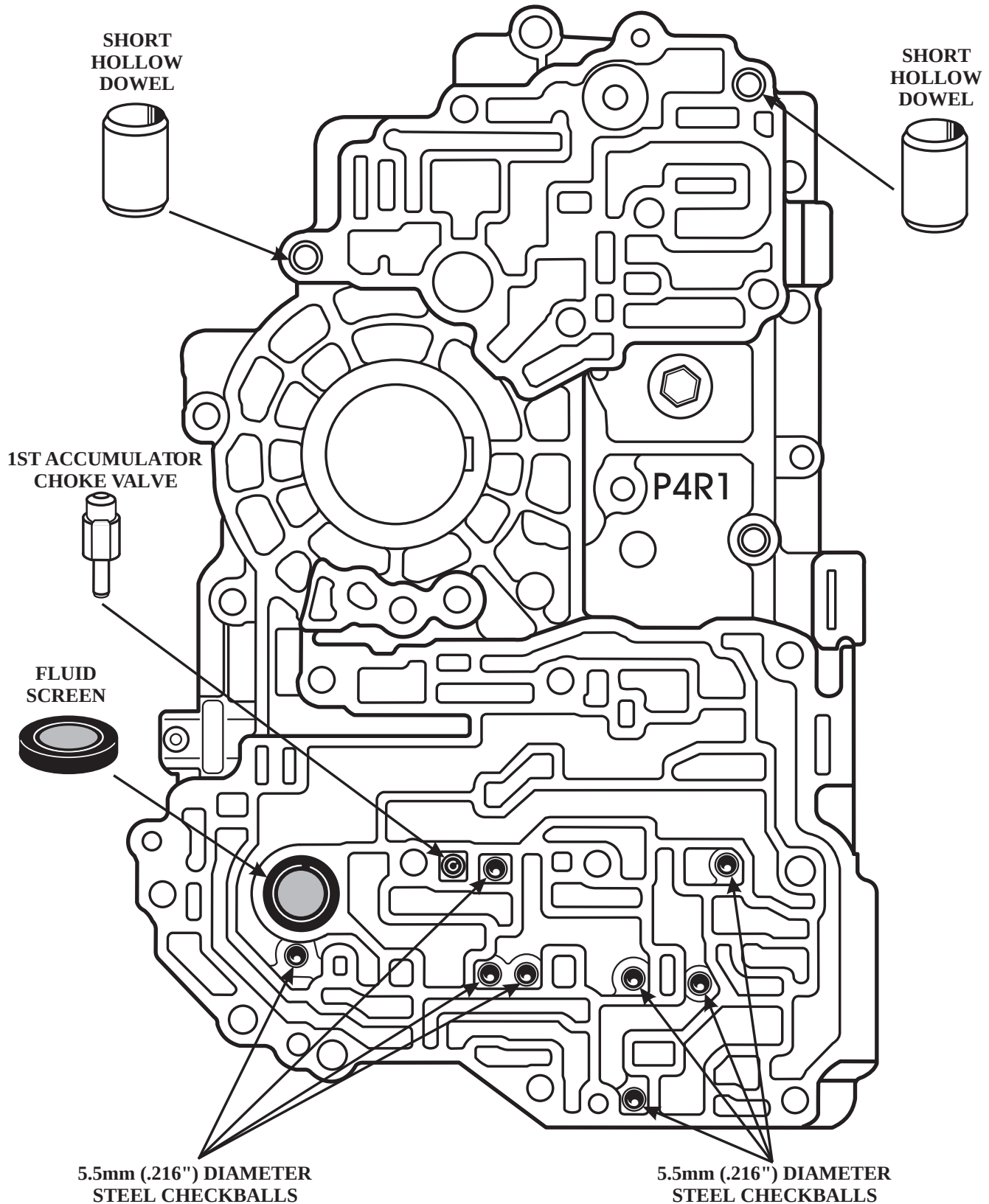


FLUID
SCREEN



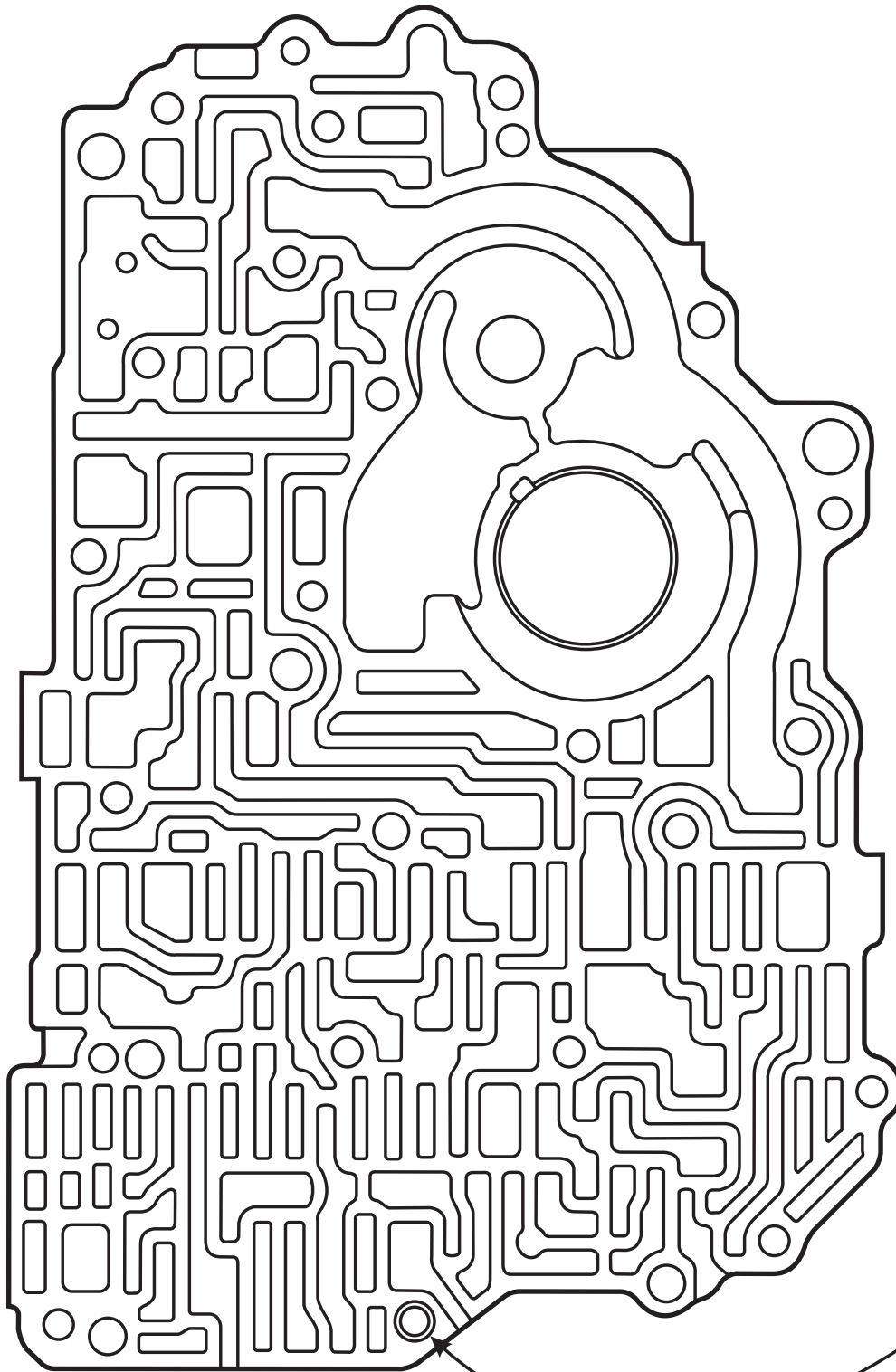
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**HONDA CIVIC MODEL "A4RA"
MAIN VALVE BODY "TOP VIEW"**



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HONDA CIVIC MODEL "A4RA" MAIN VALVE BODY "BOTTOM VIEW"



SHORT
HOLLOW
DOWEL



Copyright © 1999 ATSG

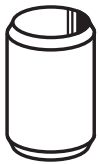
HONDA CIVIC MODEL "A4RA" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY

RELIEF VALVES
AND SPRINGS

PRESSURE REGULATOR
VALVE BODY



SHORT
HOLLOW
DOWEL



SHORT
HOLLOW
DOWEL

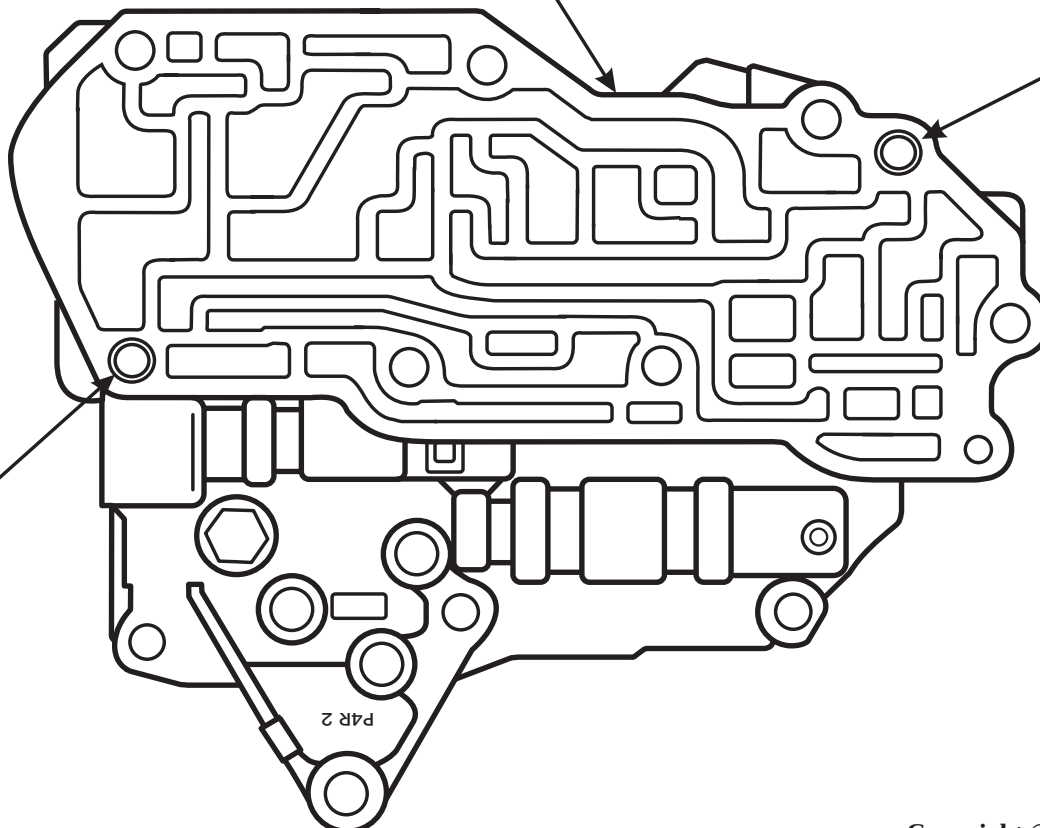
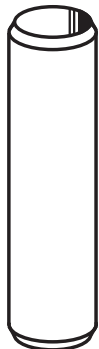


SECONDARY
VALVE BODY

LONG
HOLLOW
DOWEL



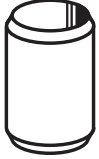
LONG
HOLLOW
DOWEL



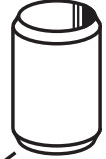
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HONDA PRELUDE "Early" MODEL "K4"
MAIN VALVE BODY "TOP VIEW"

SHORT
HOLLOW
DOWEL



SHORT
HOLLOW
DOWEL

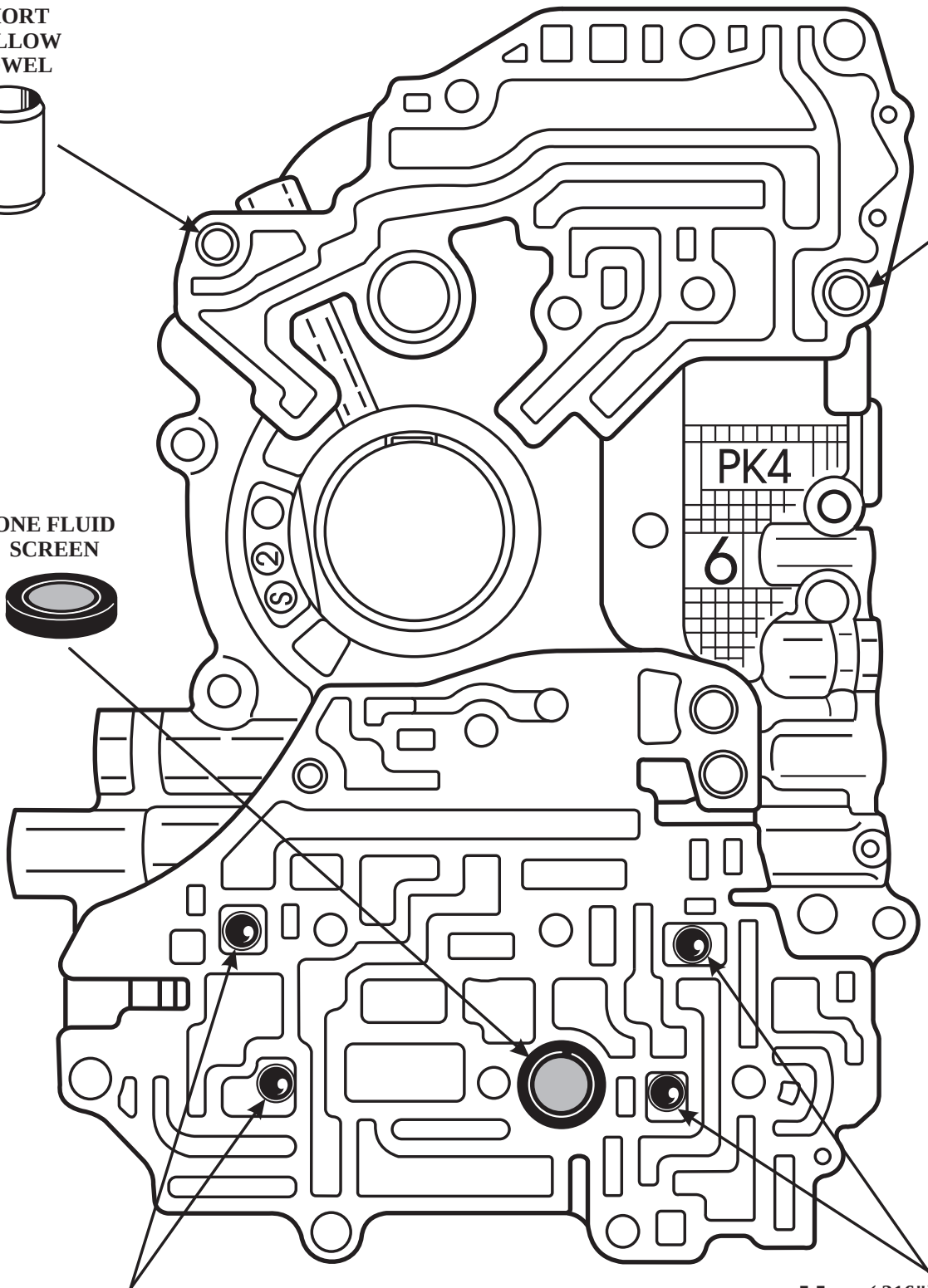


ONE FLUID
SCREEN



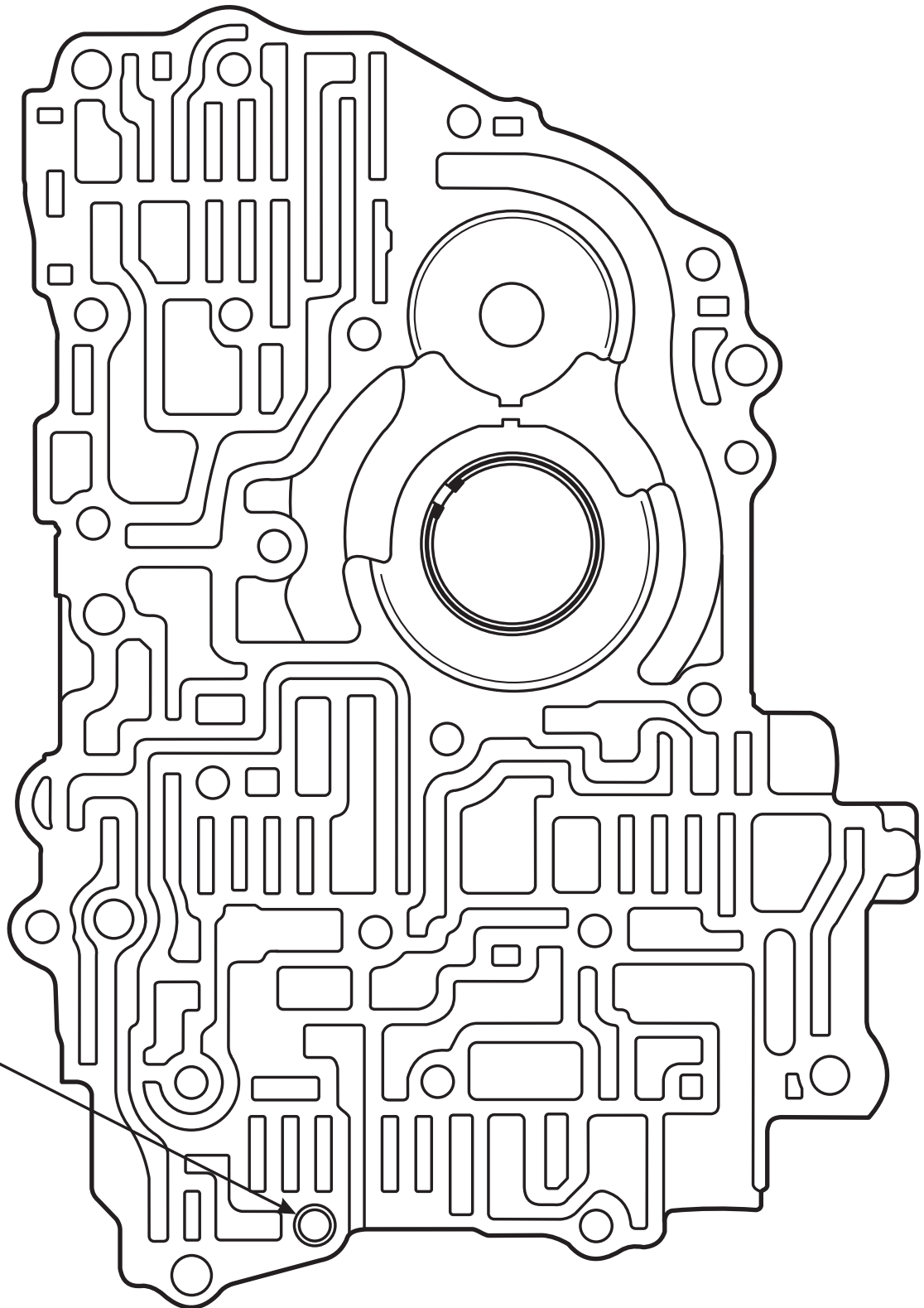
5.5mm (.216") DIAMETER
STEEL CHECKBALLS

5.5mm (.216") DIAMETER
STEEL CHECKBALLS

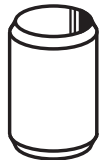


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HONDA PRELUDE "Early" MODEL "K4" MAIN VALVE BODY "BOTTOM VIEW"

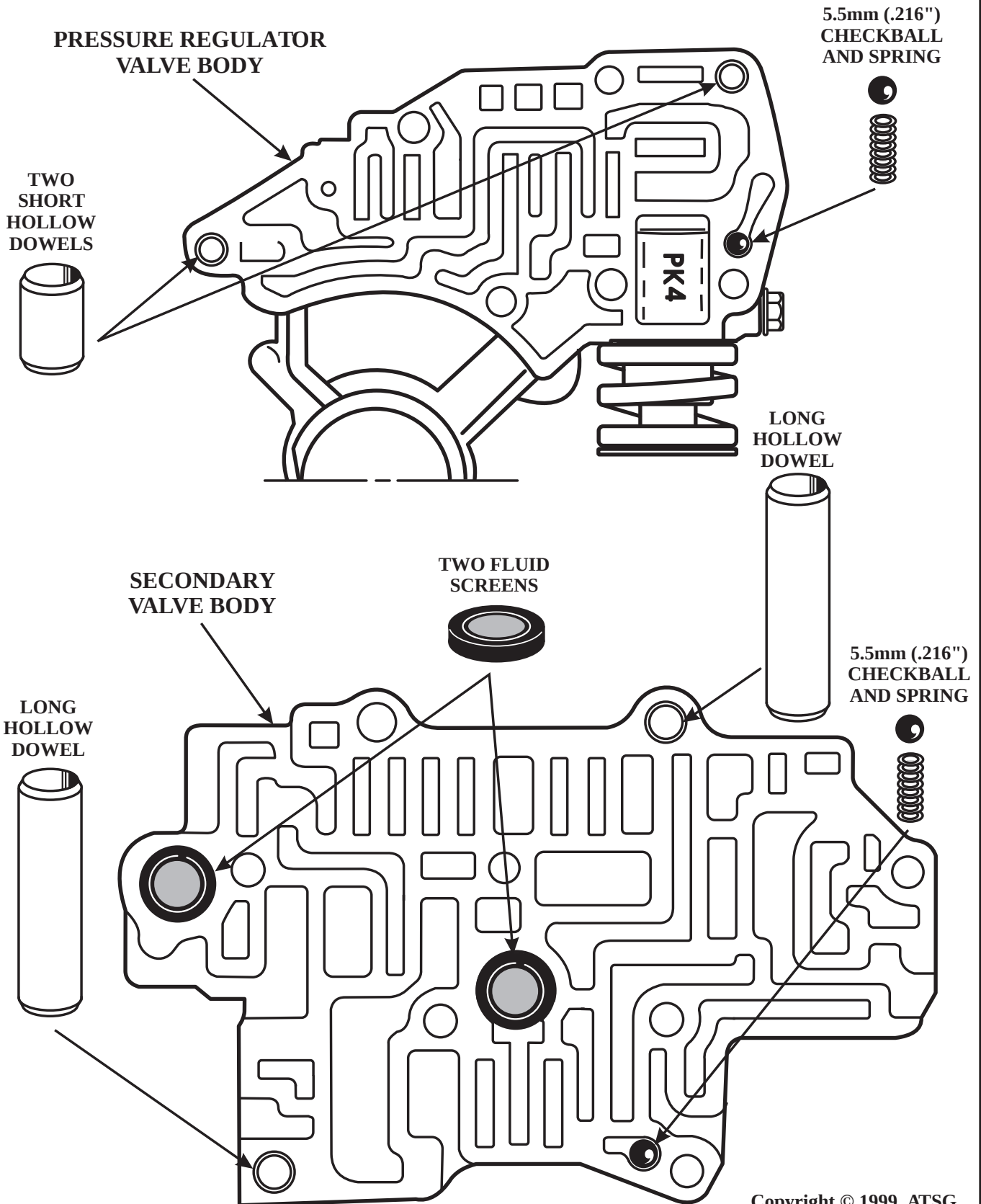


SHORT
HOLLOW
DOWEL



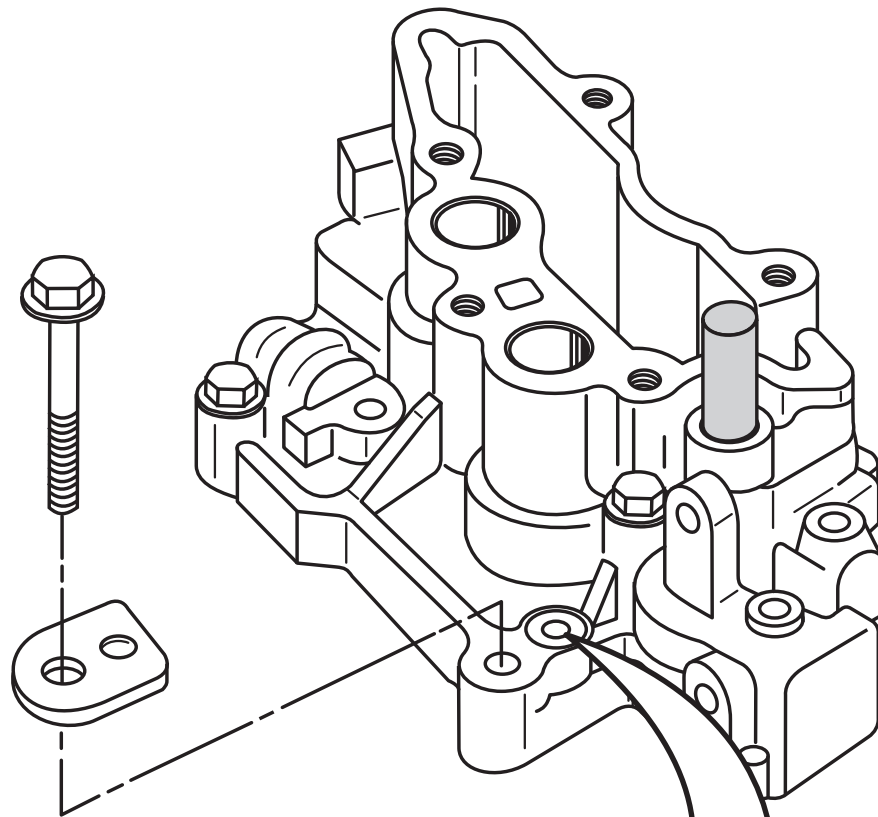
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HONDA PRELUDE "Early" MODEL "K4" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



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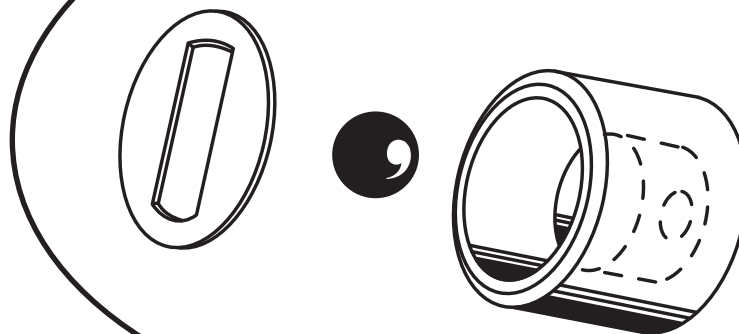
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

SERVO RELEASE CHECK VALVE

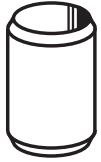


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NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

HONDA PRELUDE "Late" MODEL "K4"
MAIN VALVE BODY "TOP VIEW"

**SHORT
HOLLOW
DOWEL**



**SHORT
HOLLOW
DOWEL**

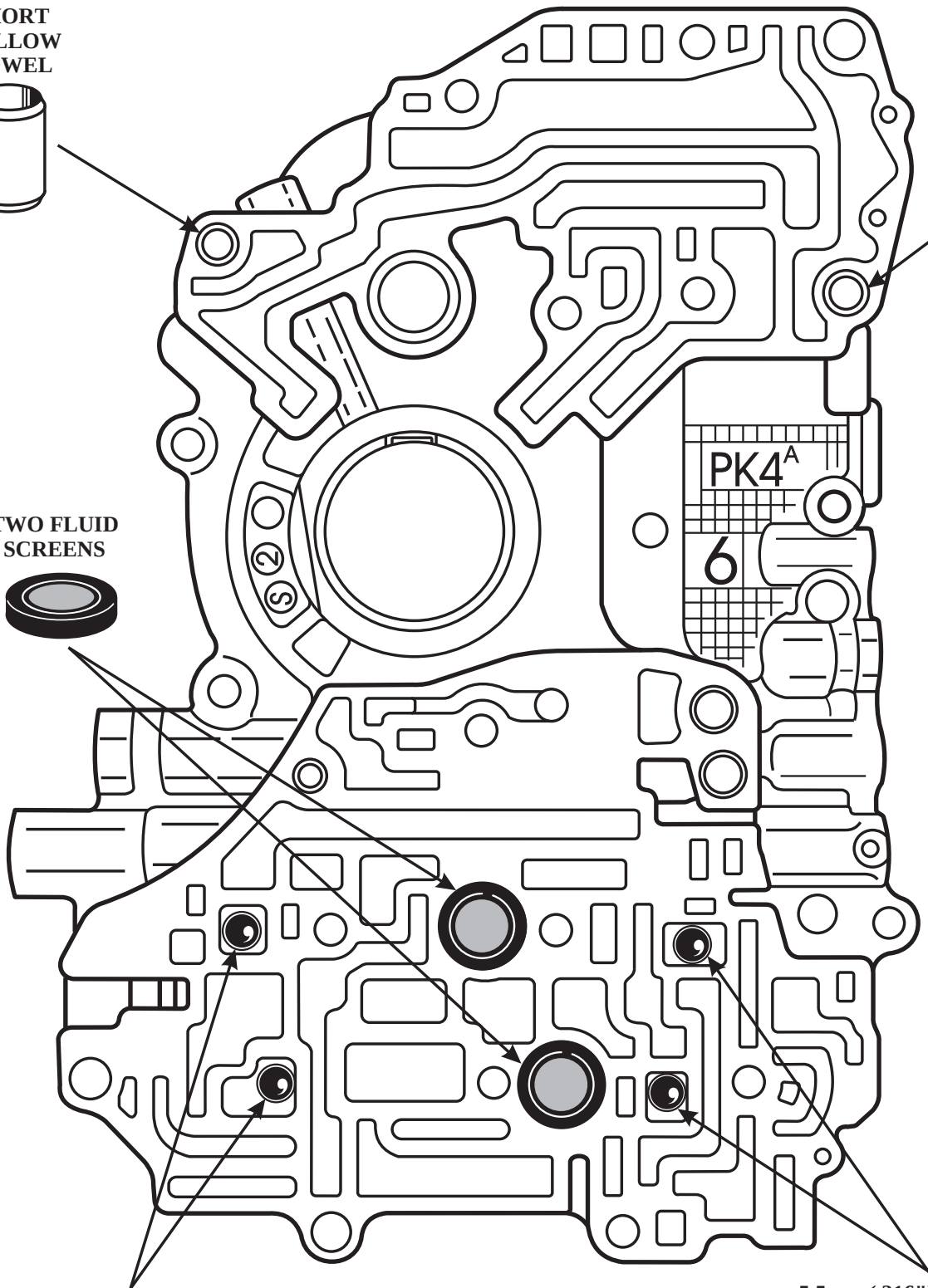


**TWO FLUID
SCREENS**



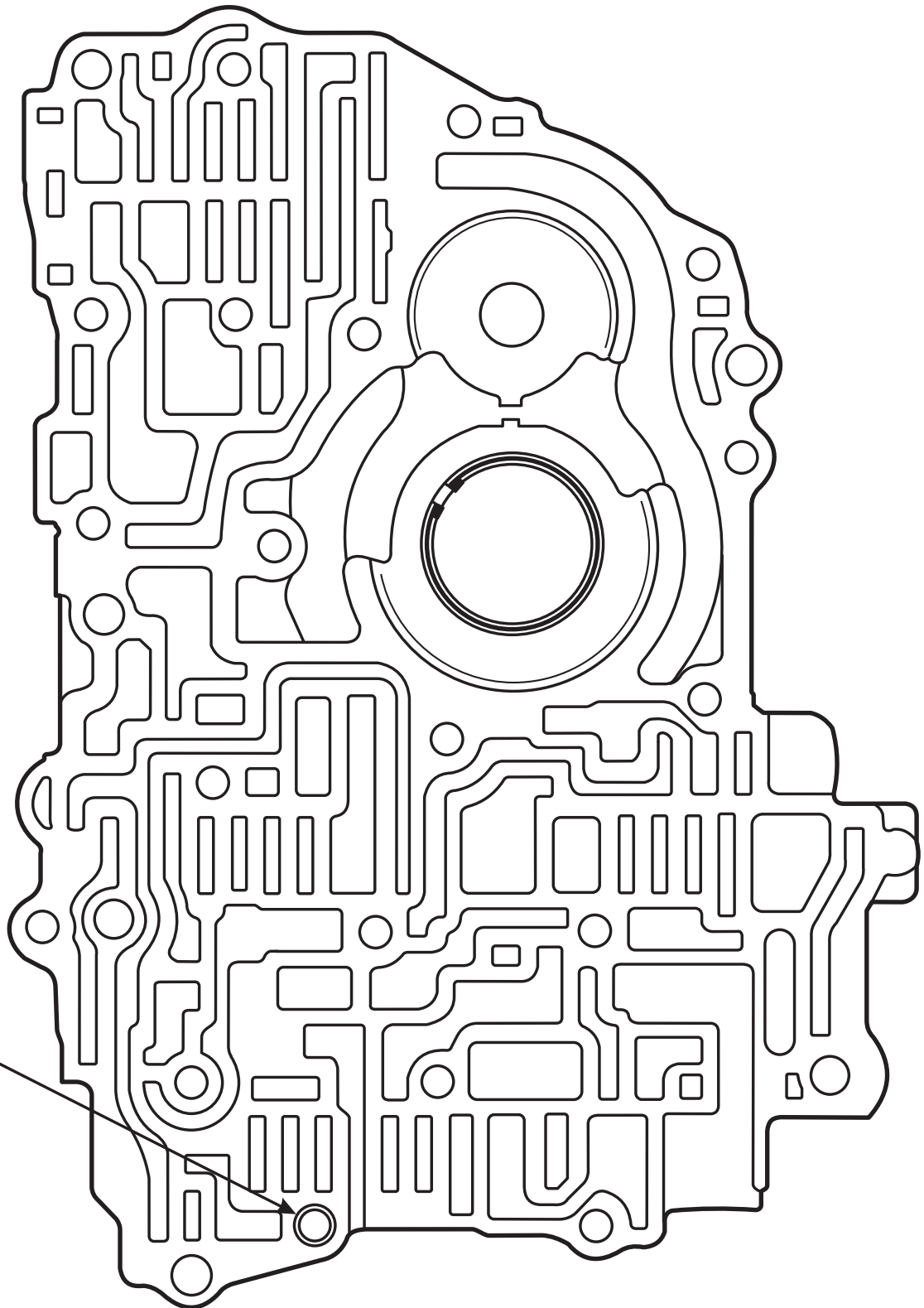
**5.5mm (.216") DIAMETER
STEEL CHECKBALLS**

**5.5mm (.216") DIAMETER
STEEL CHECKBALLS**



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HONDA PRELUDE "Late" MODEL "K4" MAIN VALVE BODY "BOTTOM VIEW"

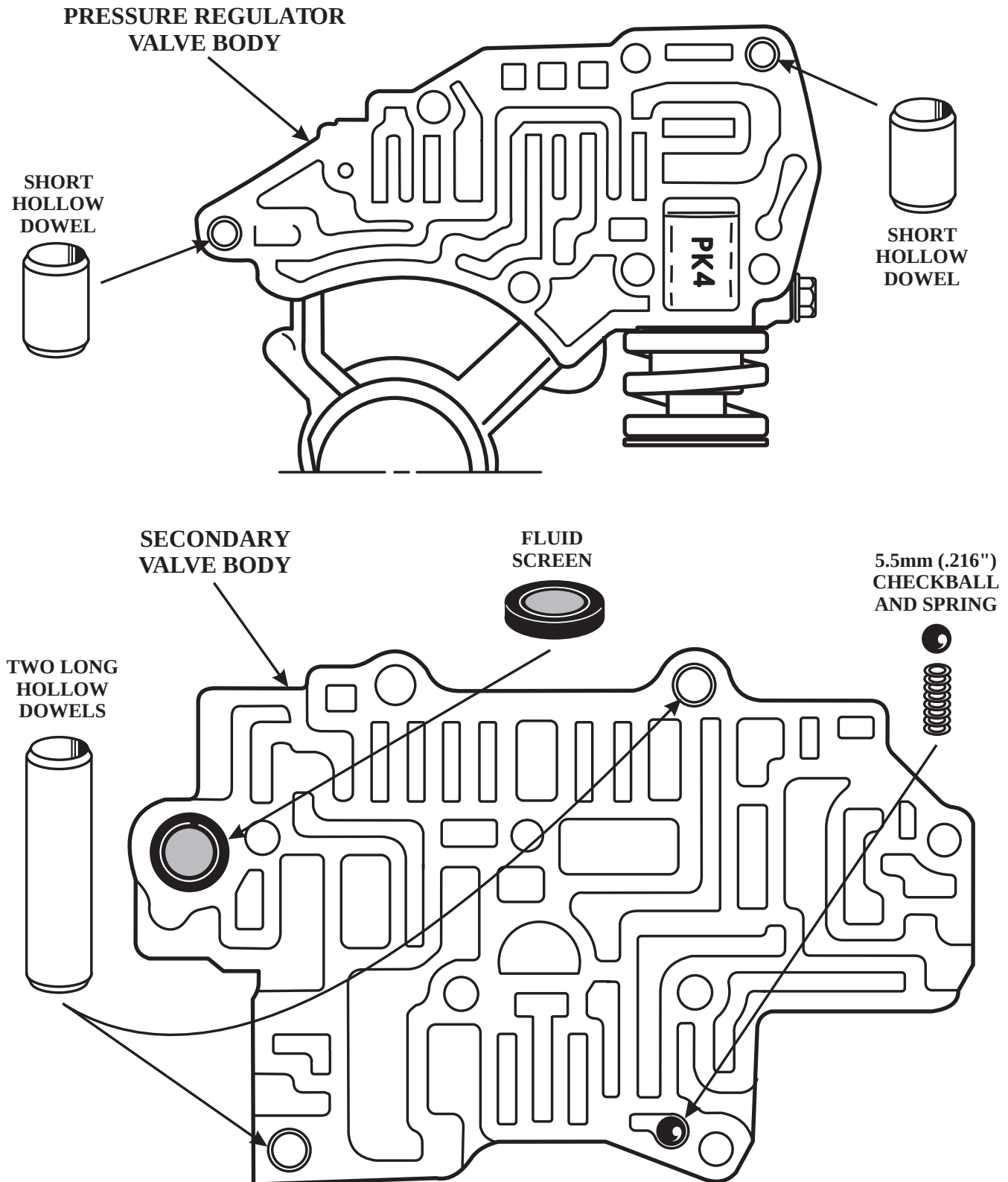


SHORT
HOLLOW
DOWEL



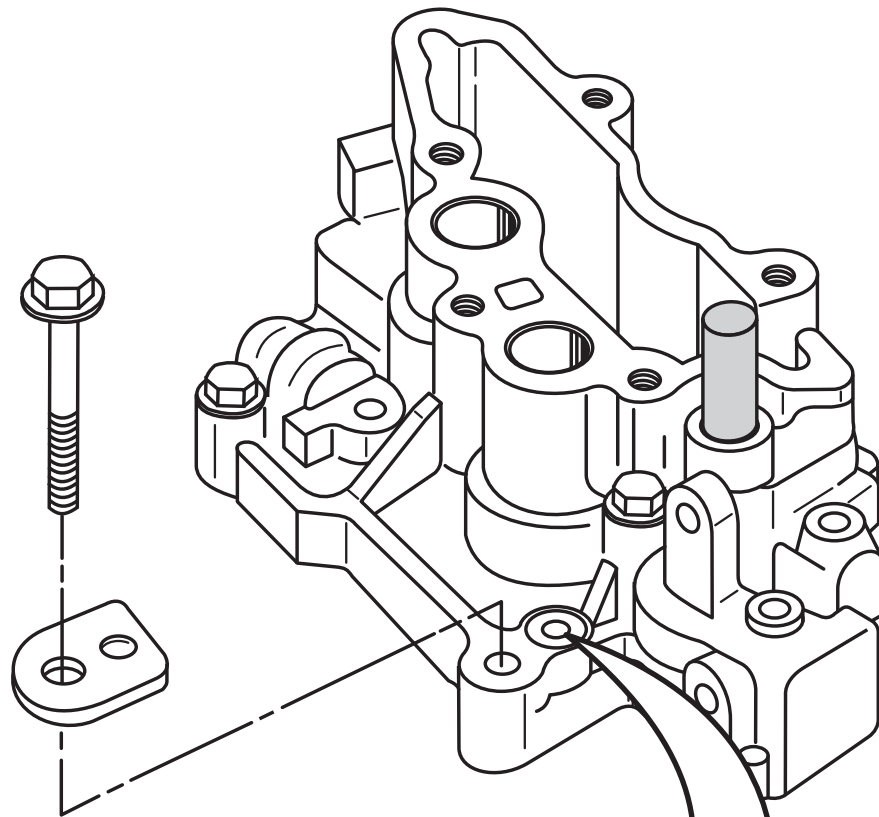
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HONDA PRELUDE "Late" MODEL "K4" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



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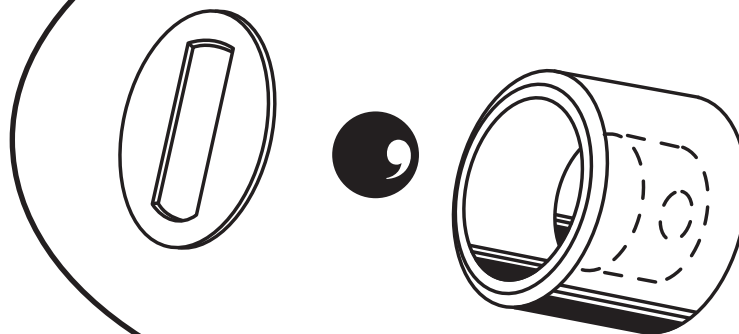
SERVO VALVE BODY



CAUTION:

The Servo Release Check Valve is staked into the servo valve body as shown, but it can fall out or can be blown out during cleaning process.

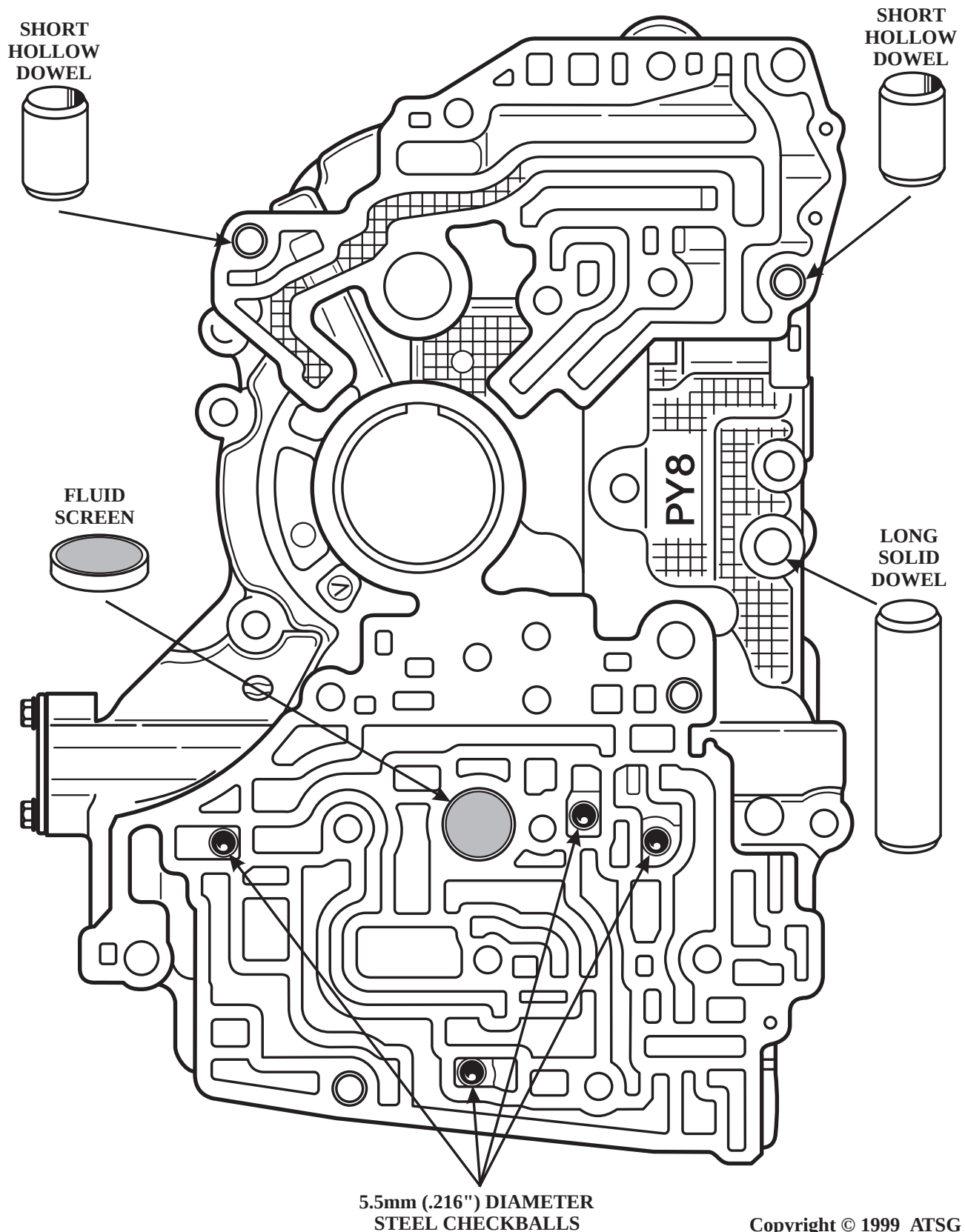
SERVO RELEASE CHECK VALVE



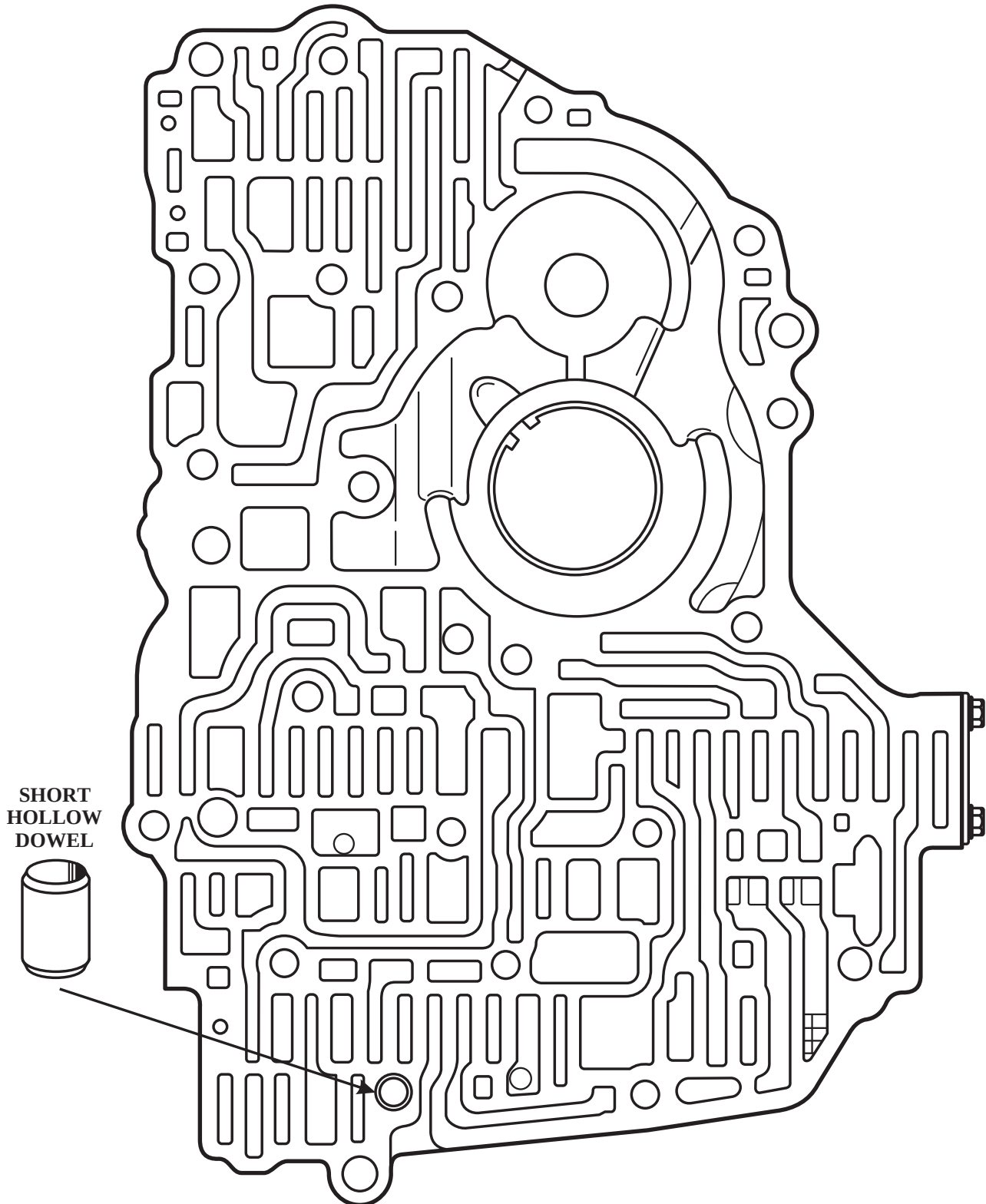
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NOTE: MOST SERVO VALVE BODIES WILL HAVE THIS CHECK VALVE.

HONDA PRELUDE MODEL "PY8A"
MAIN VALVE BODY "TOP VIEW"

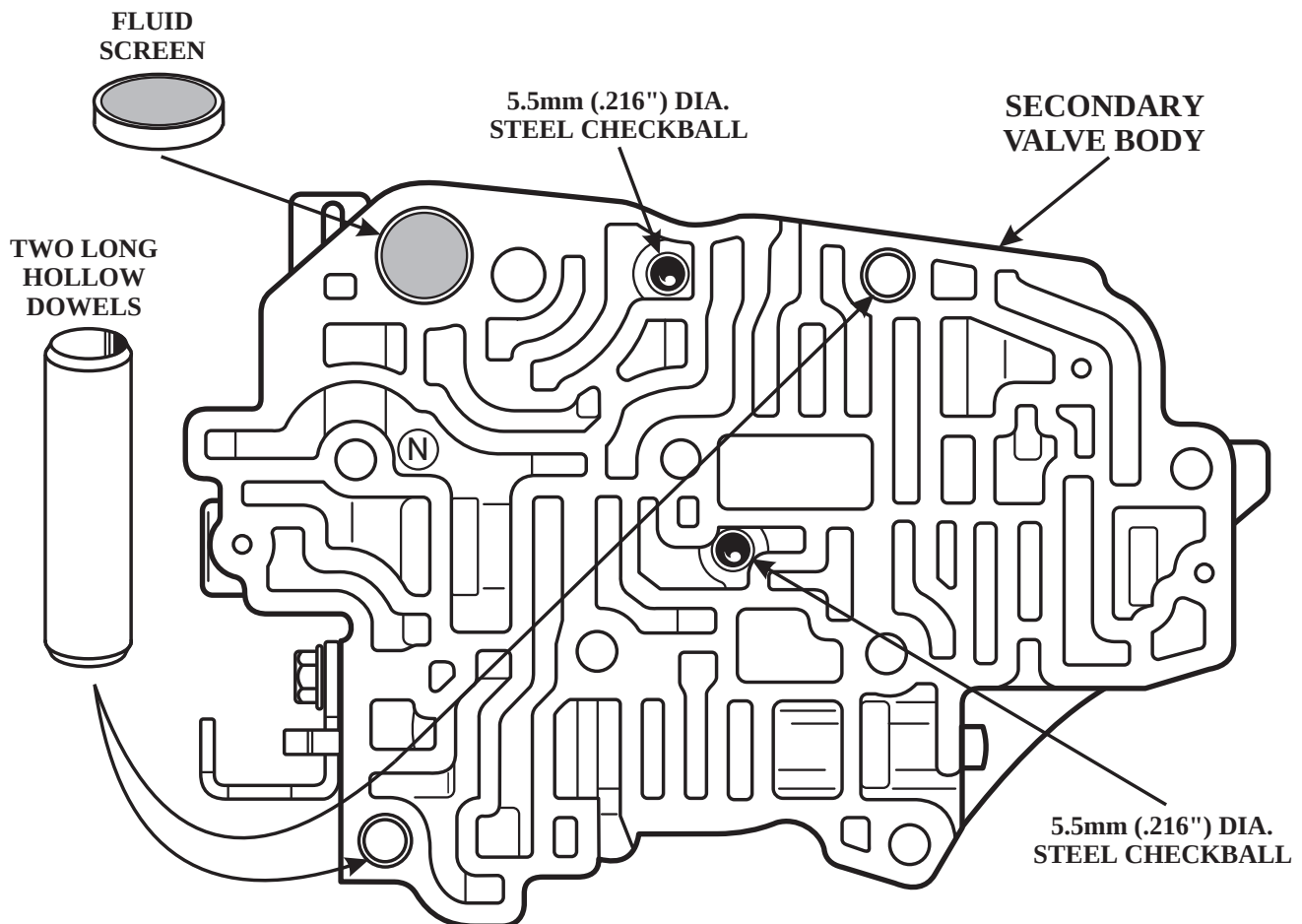
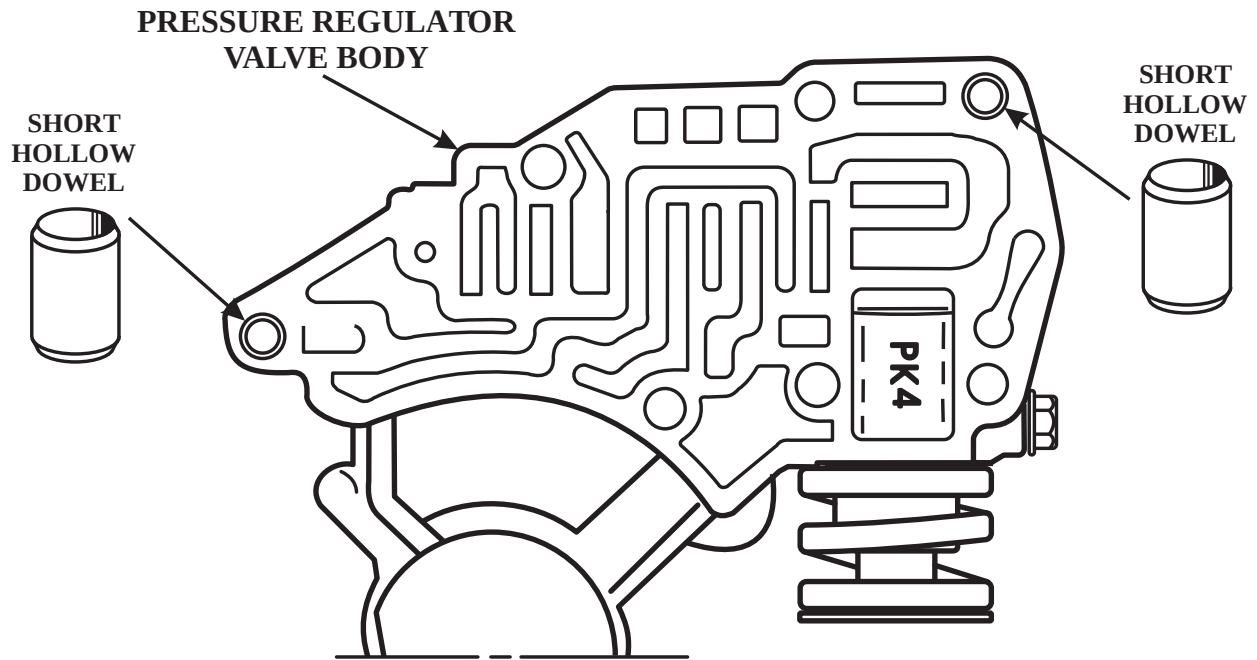


HONDA PRELUDE MODEL "PY8A" MAIN VALVE BODY "BOTTOM VIEW"



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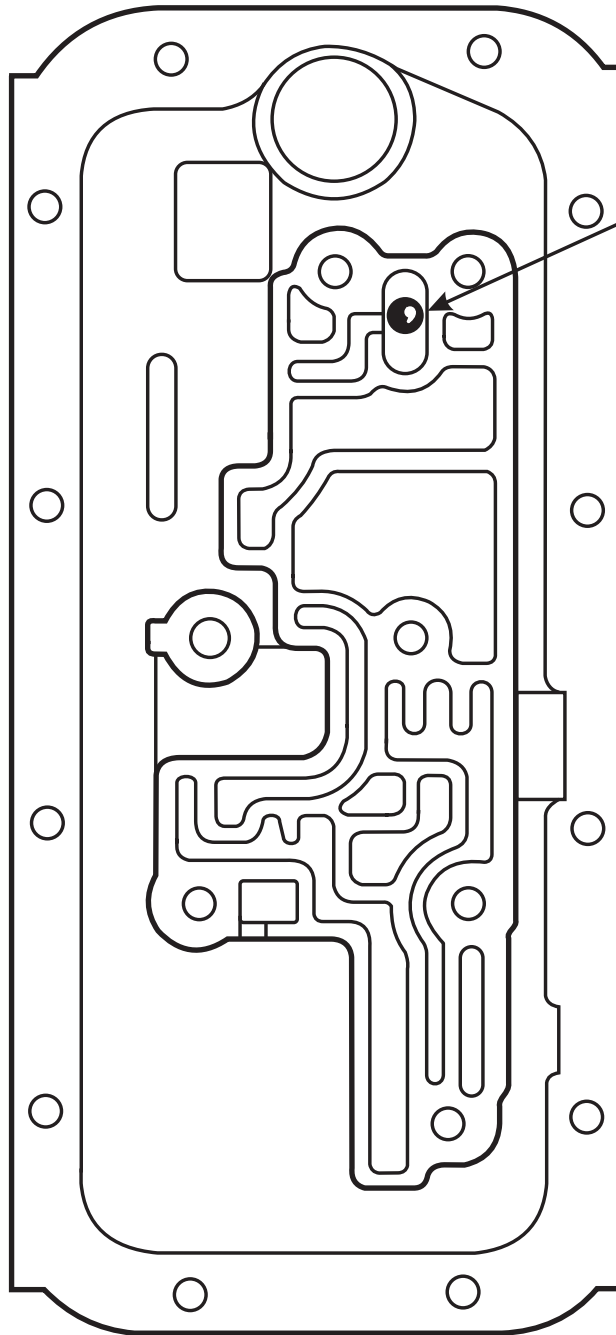
HONDA PRELUDE MODEL "PY8A" "PRESSURE REGULATOR" AND "SECONDARY" VALVE BODY



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HONDA PASSPORT CHECKBALL LOCATIONS

4L30-E OVERDRIVE CASE



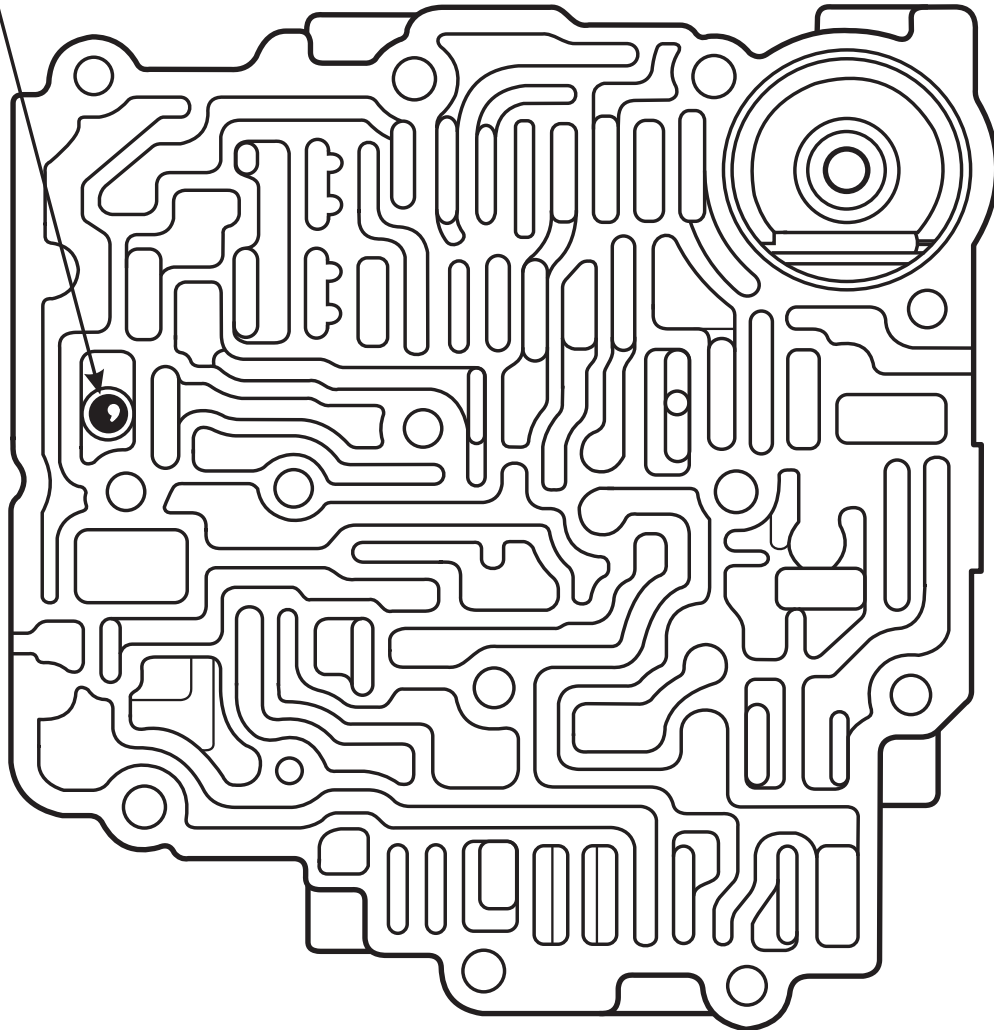
REVERSE SHUTTLE
CHECKBALL
(Some Models Only)

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HONDA PASSPORT CHECKBALL LOCATIONS

4L30-E MAIN VALVE BODY

3RD CLUTCH
CHECKBALL

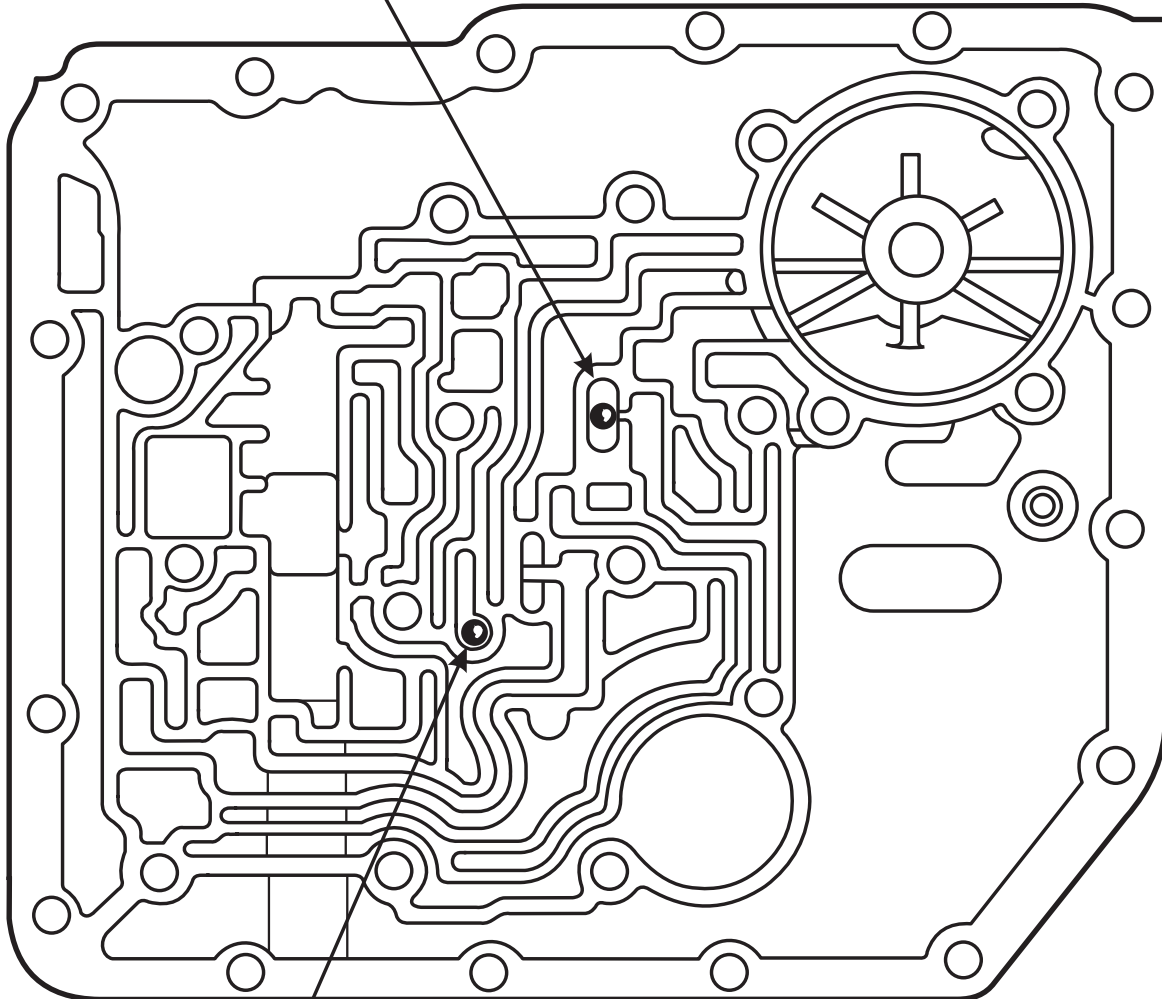


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HONDA PASSPORT CHECKBALL LOCATIONS

4L30-E MAIN CASE

D-3-2 SHUTTLE
CHECKBALL

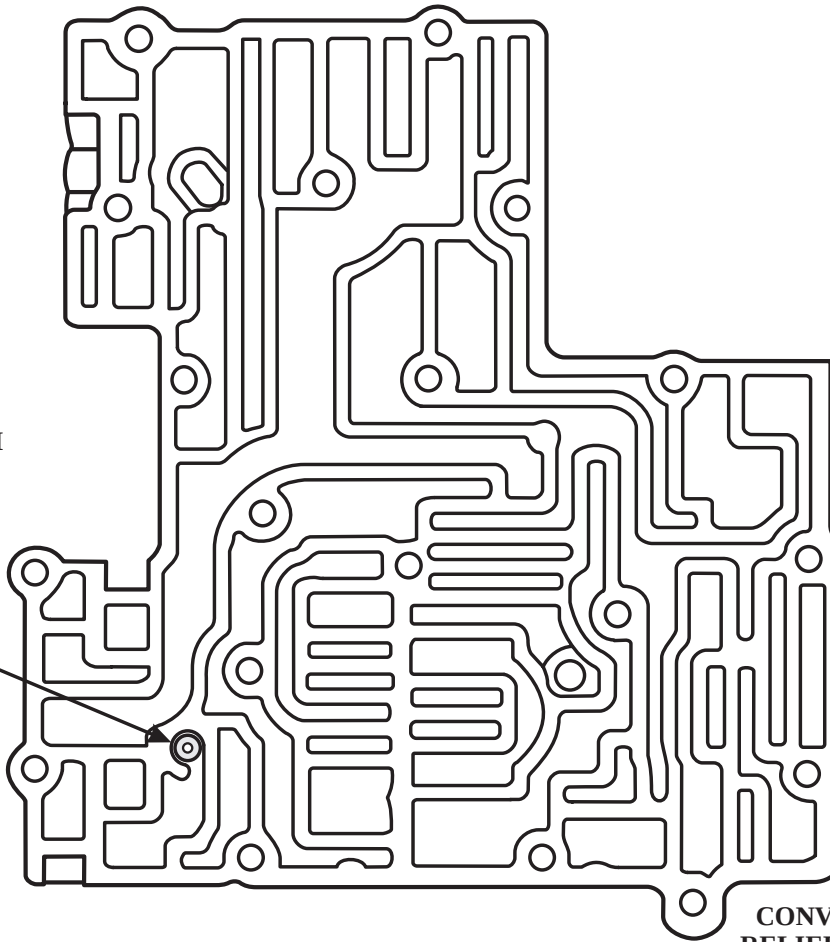


3RD CLUTCH
QUICK DUMP
CHECKBALL

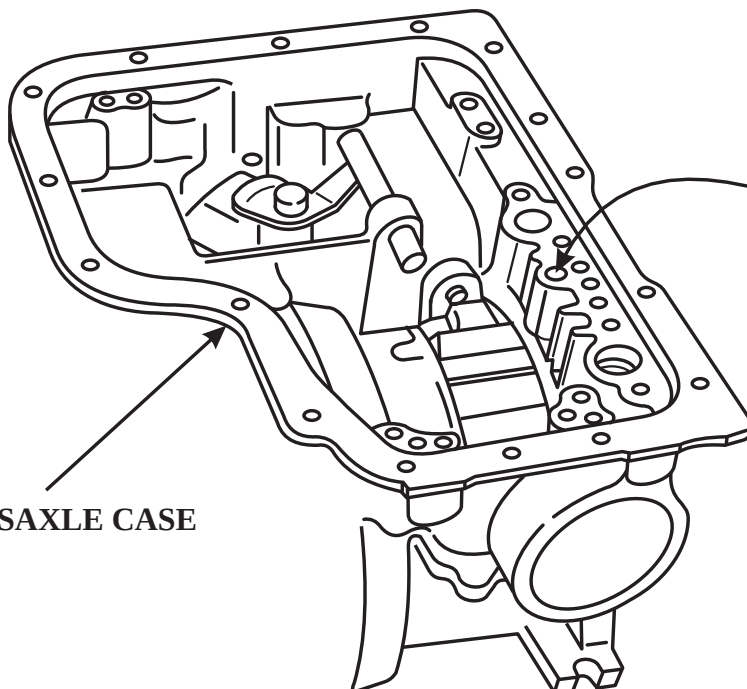
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F3A/KF-100 TRANSAXLE "UPPER" VALVE BODY AND CASE

DIRECT CLUTCH
FEED ORIFICE,
REVERSE ONLY
(No Spring)



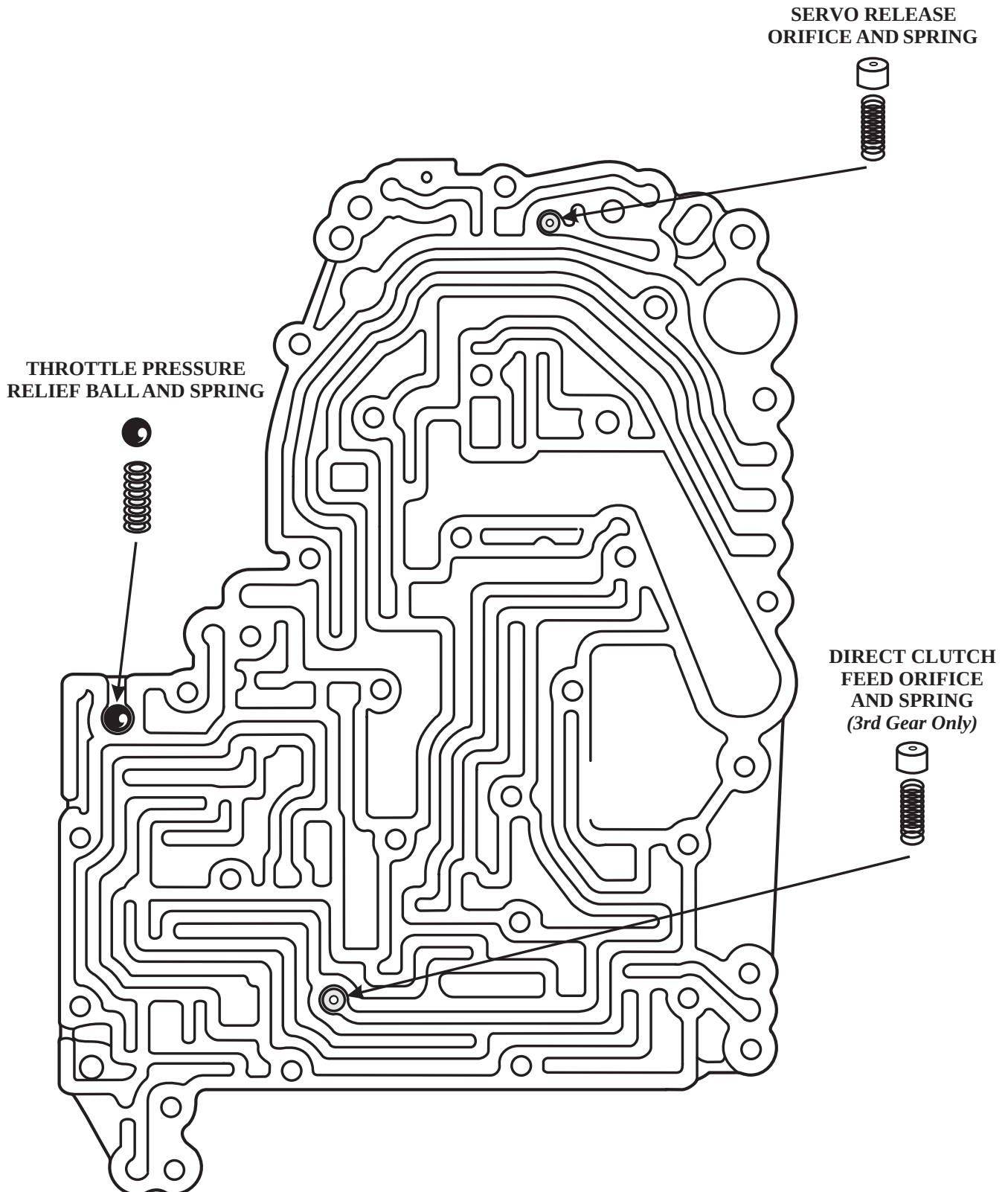
CONVERTER PRESSURE
RELIEF BALL AND SPRING



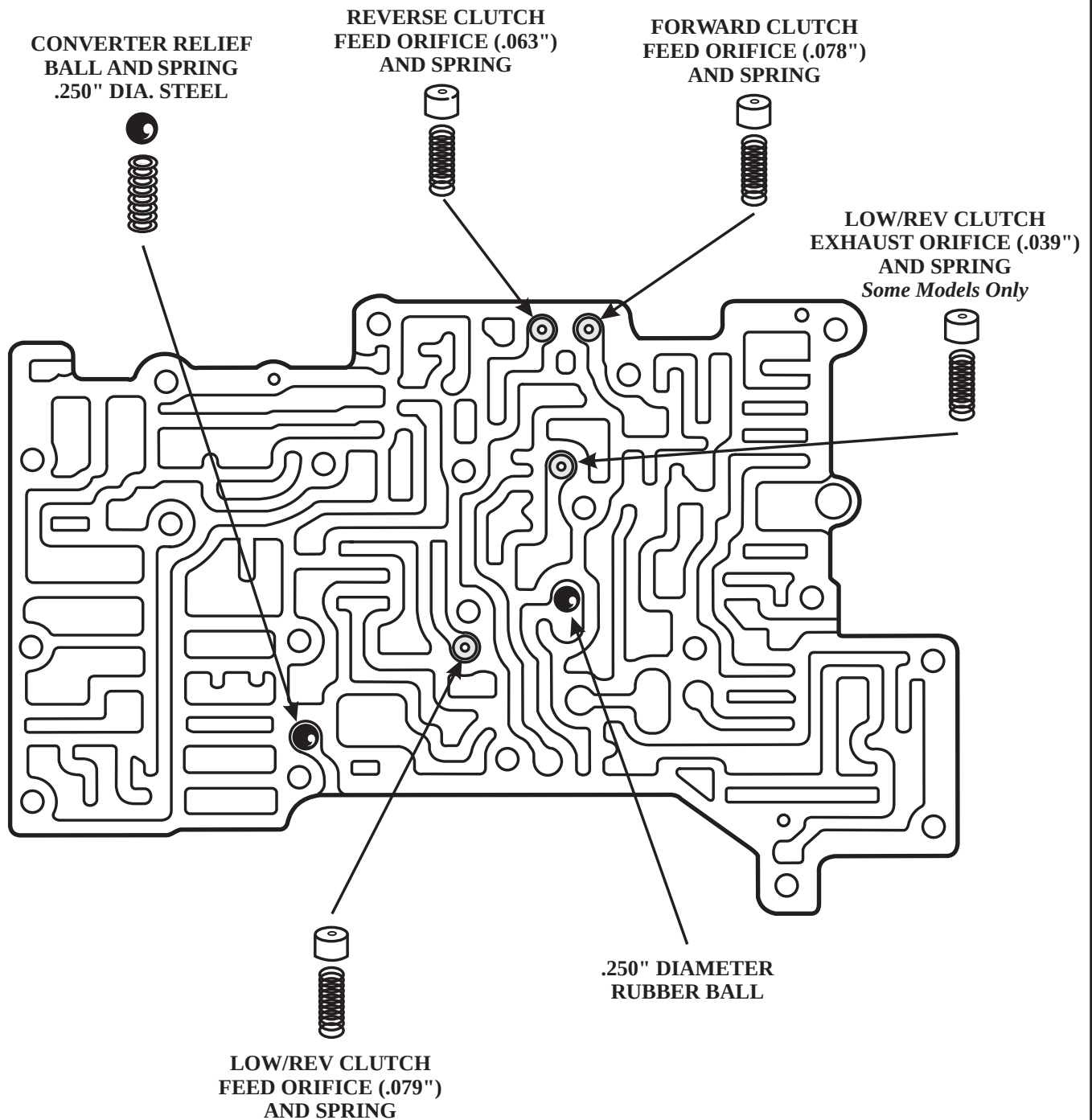
TRANSAXLE CASE

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F3A/KF-100 TRANSAXLE "LOWER" VALVE BODY



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



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MAZDA G4A-HL

"MAIN" CONTROL VALVE BODY, REAR BODY SIDE ORIFICE AND CHECKBALL LOCATIONS

COAST CLUTCH
MANUAL 1 & 2
FEED ORIFICE (.059")
AND SPRING

COAST CLUTCH
DRIVE RANGE
FEED ORIFICE (.079")
AND SPRING

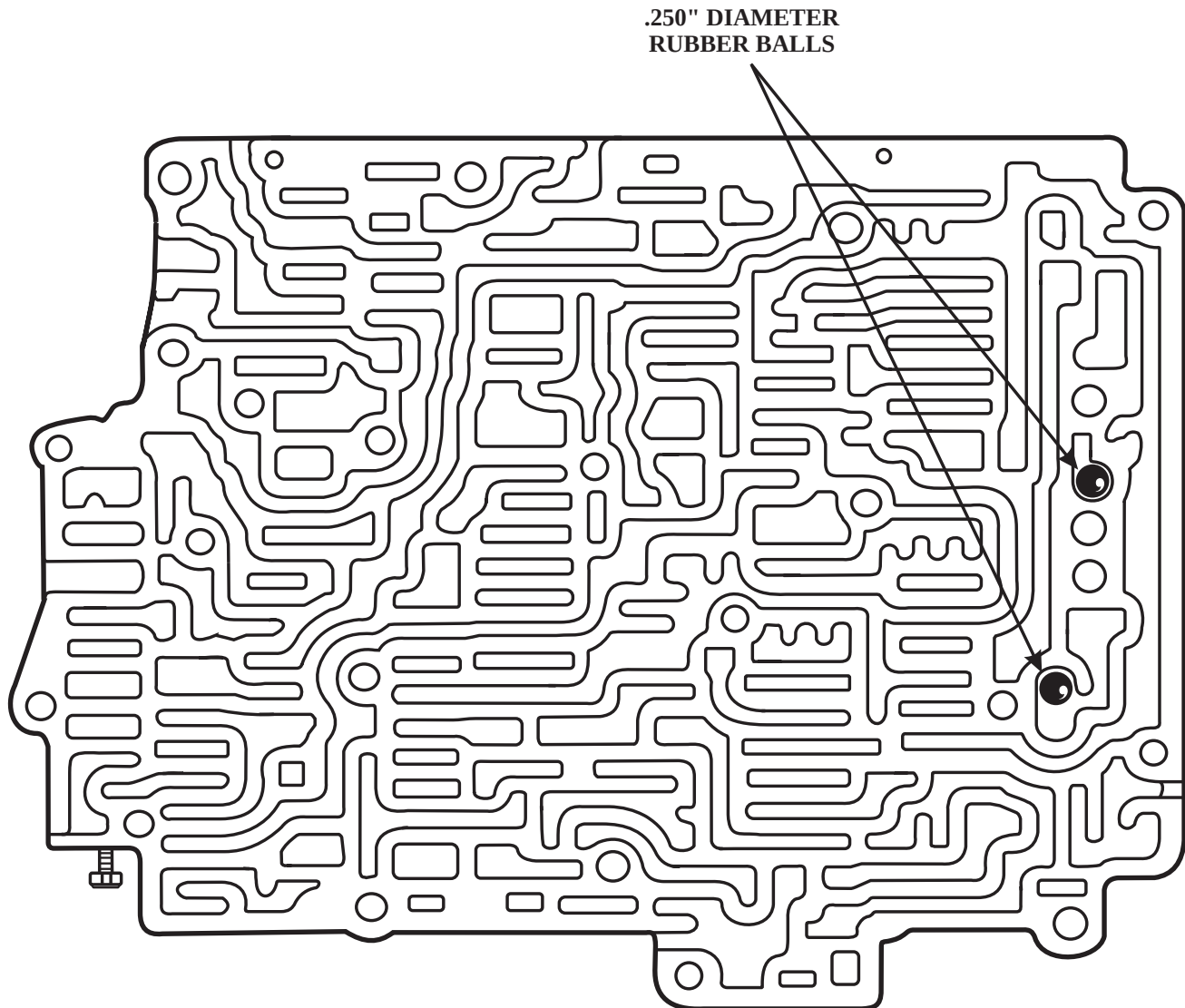
.250" DIAMETER
RUBBER BALL

FLUID
SCREEN

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MAZDA G4A-HL

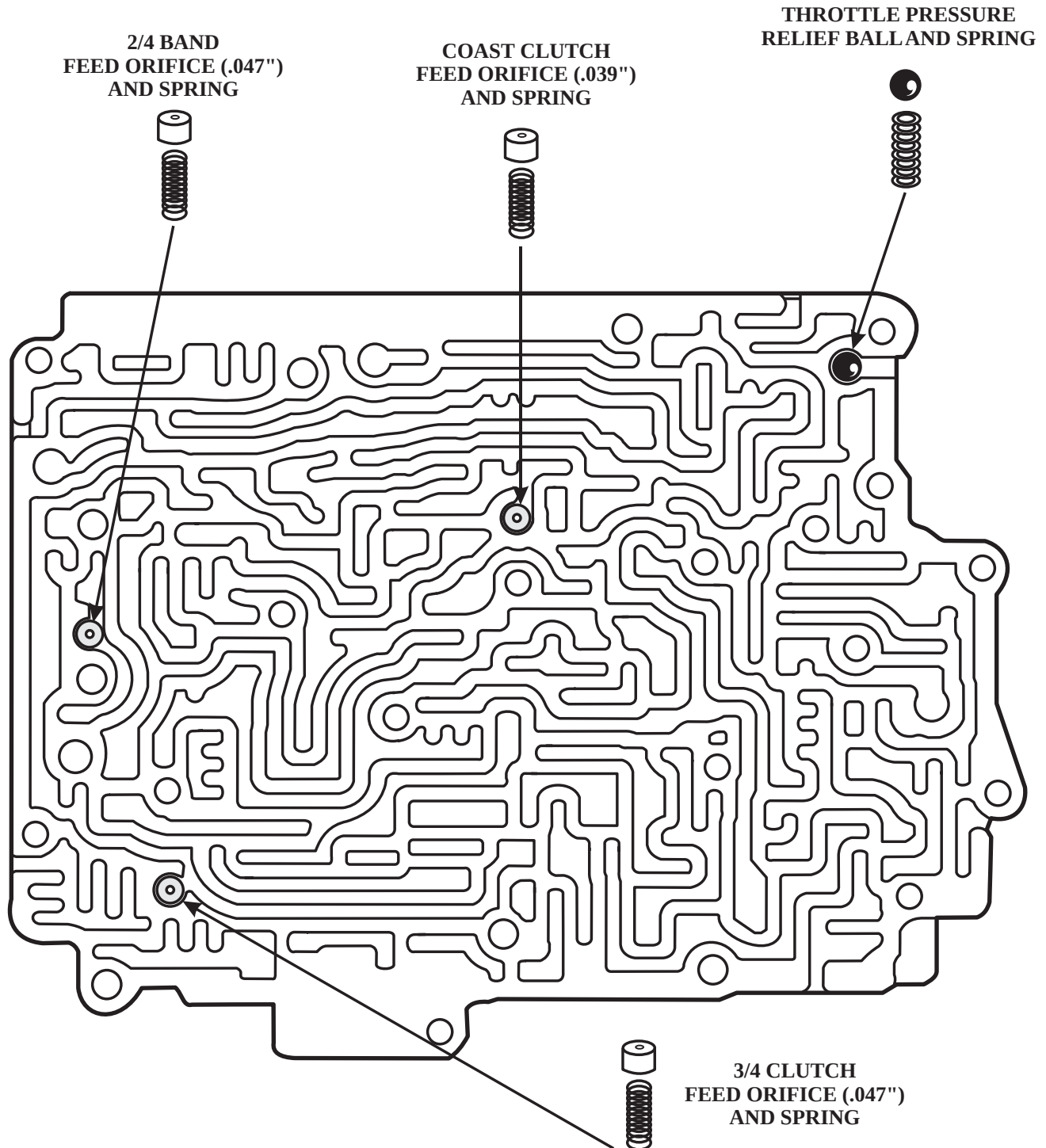
"MAIN" CONTROL VALVE BODY, PREMAIN BODY SIDE ORIFICE AND CHECKBALL LOCATIONS



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MAZDA G4A-HL

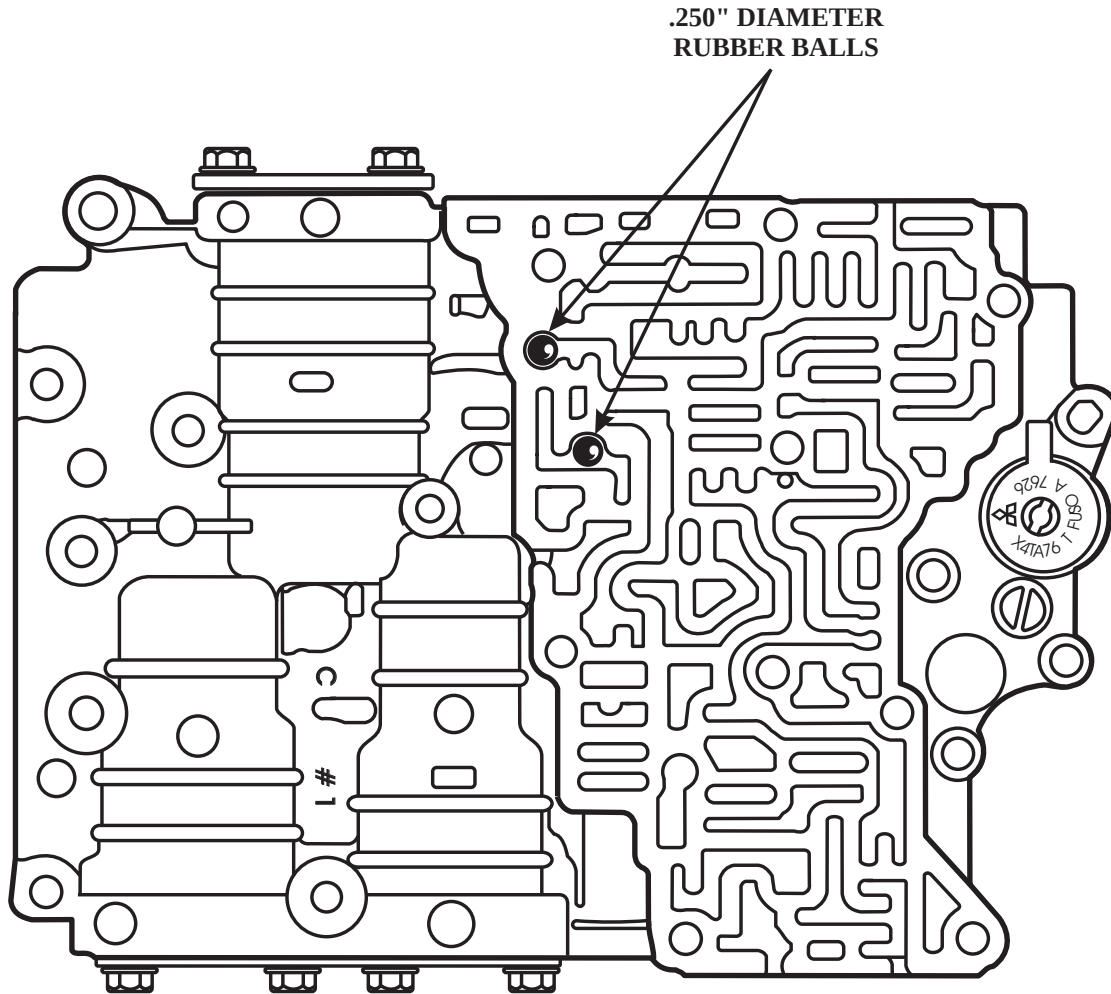
"PREMAIN" CONTROL VALVE BODY, MAIN BODY SIDE ORIFICE AND CHECKBALL LOCATIONS



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MAZDA G4A-HL

"PREMAIN" CONTROL VALVE BODY, FRONT BODY SIDE ORIFICE AND CHECKBALL LOCATIONS



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

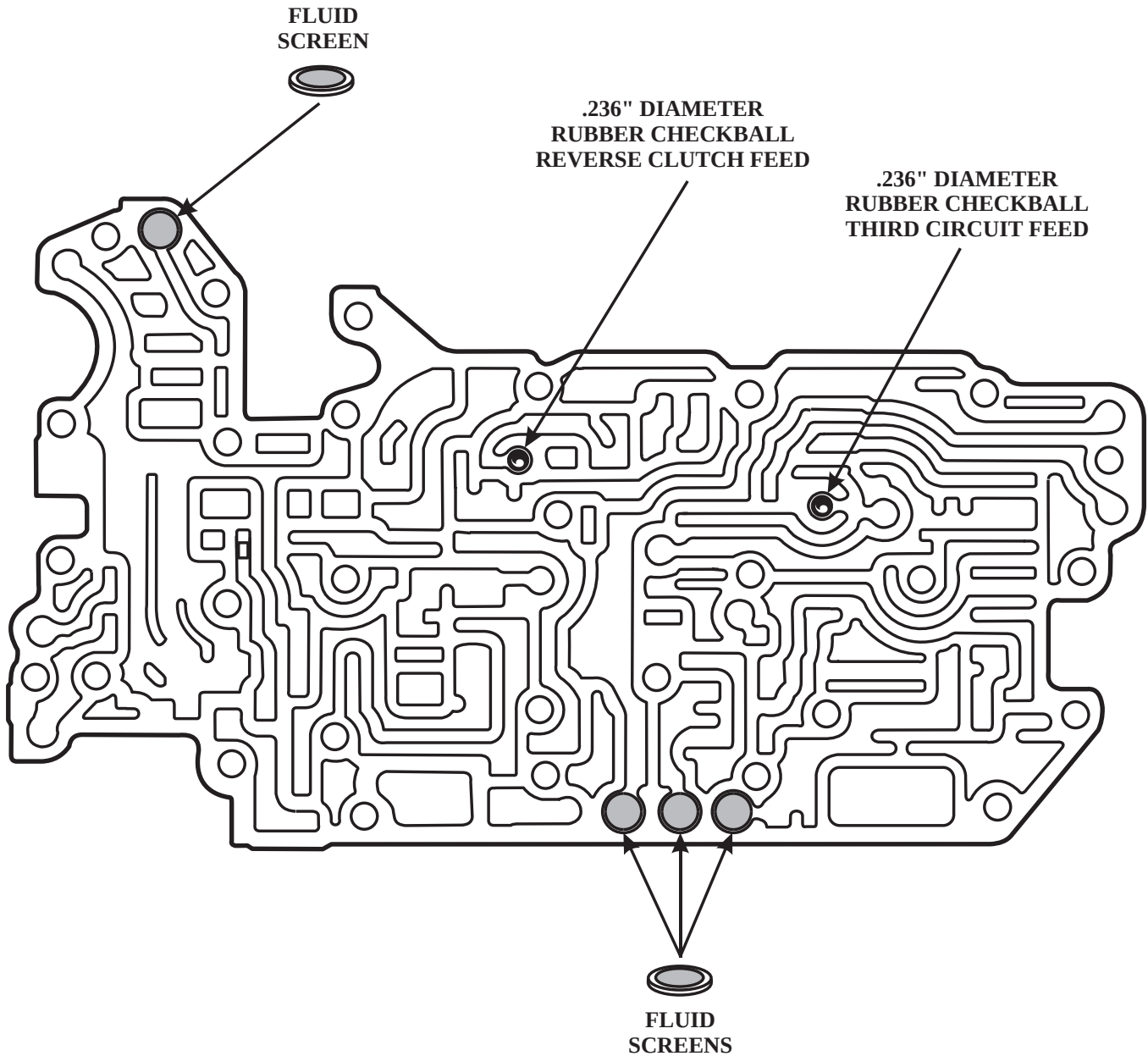


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FAX (305) 541-1444

MAZDA F4A-EL MAIN VALVE BODY

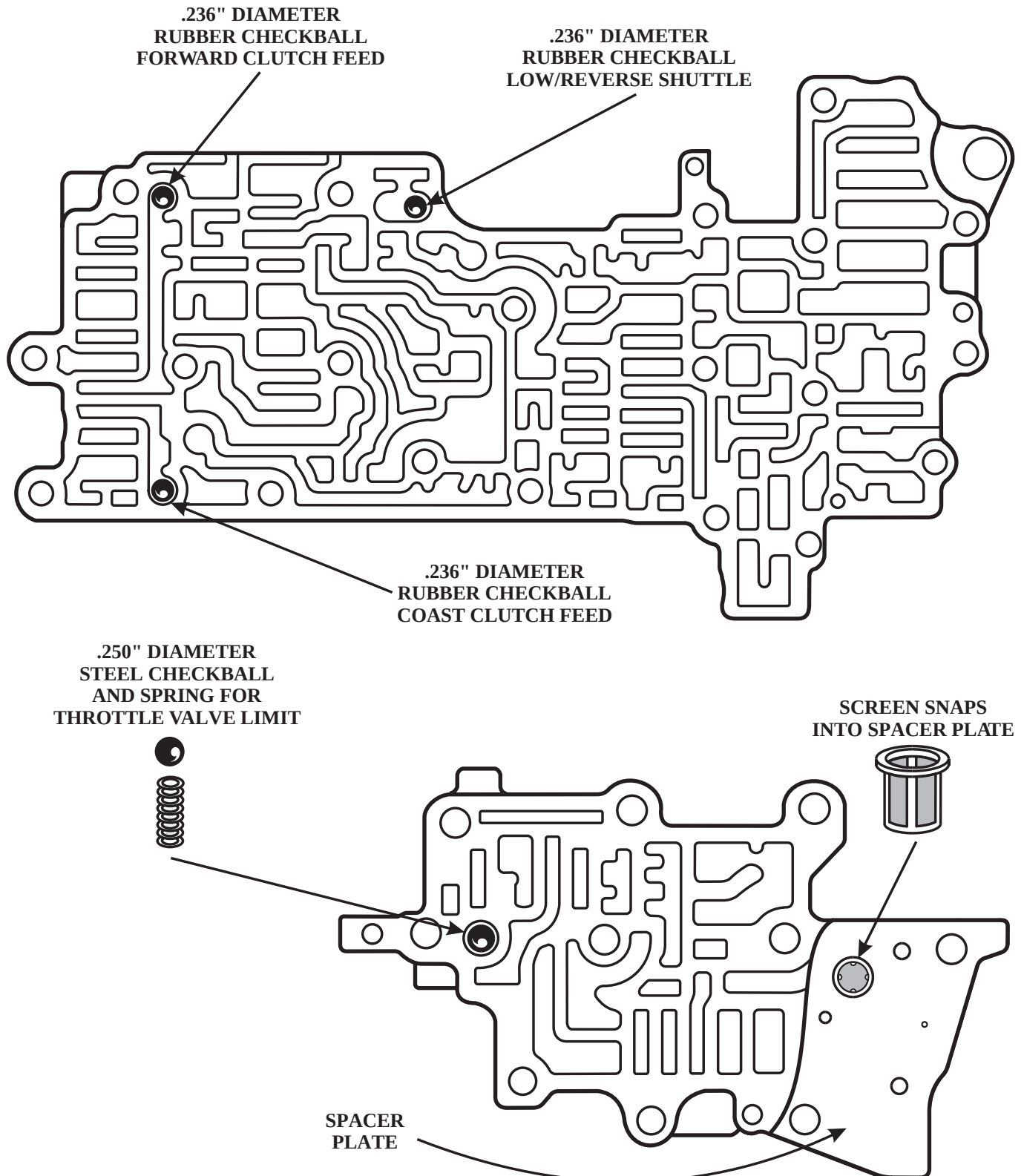
ProCarManuals.com



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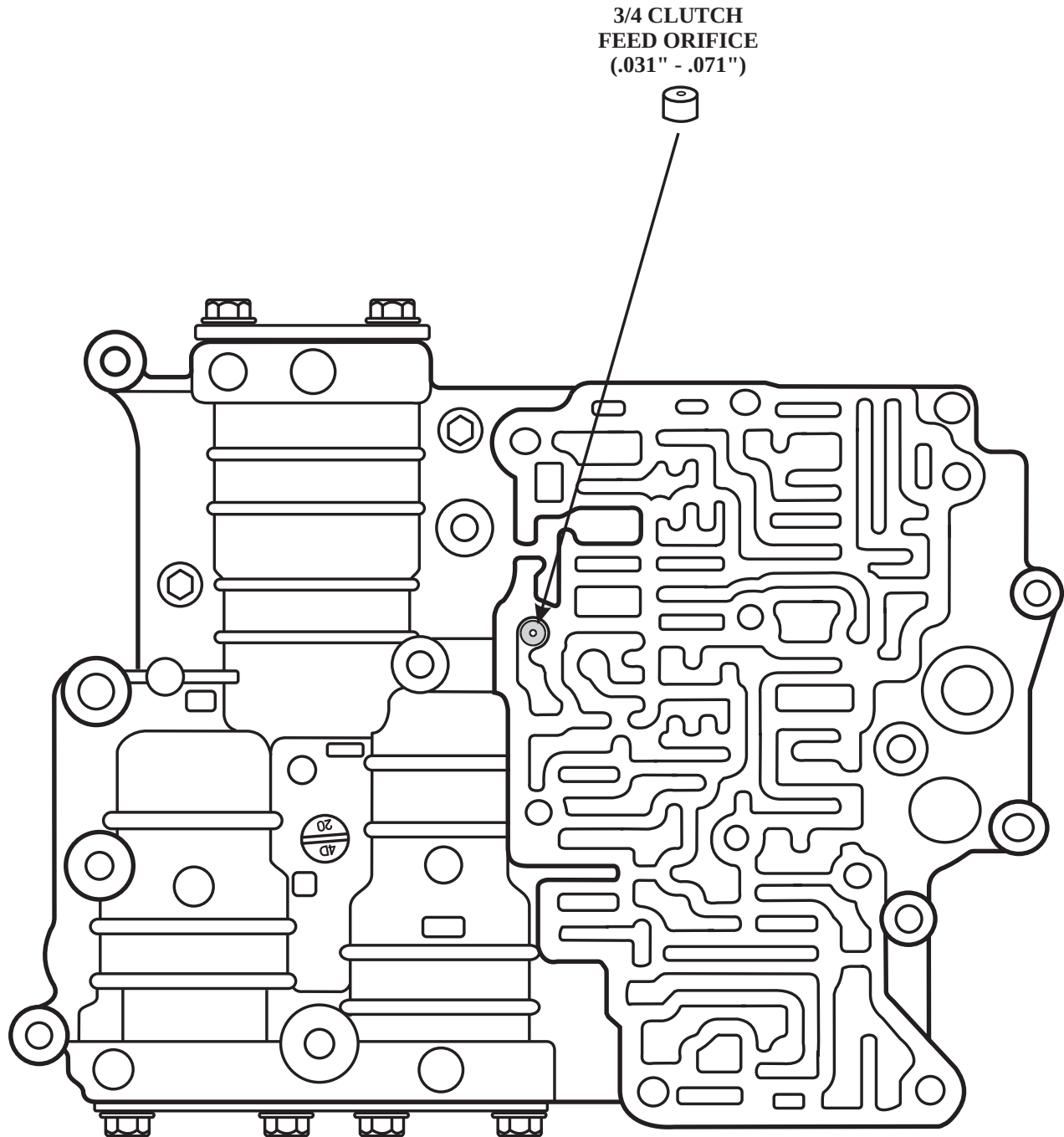
MAZDA F4A-EL LOWER VALVE BODY AND THROTTLE VALVE BODY

ProCarManuals.com



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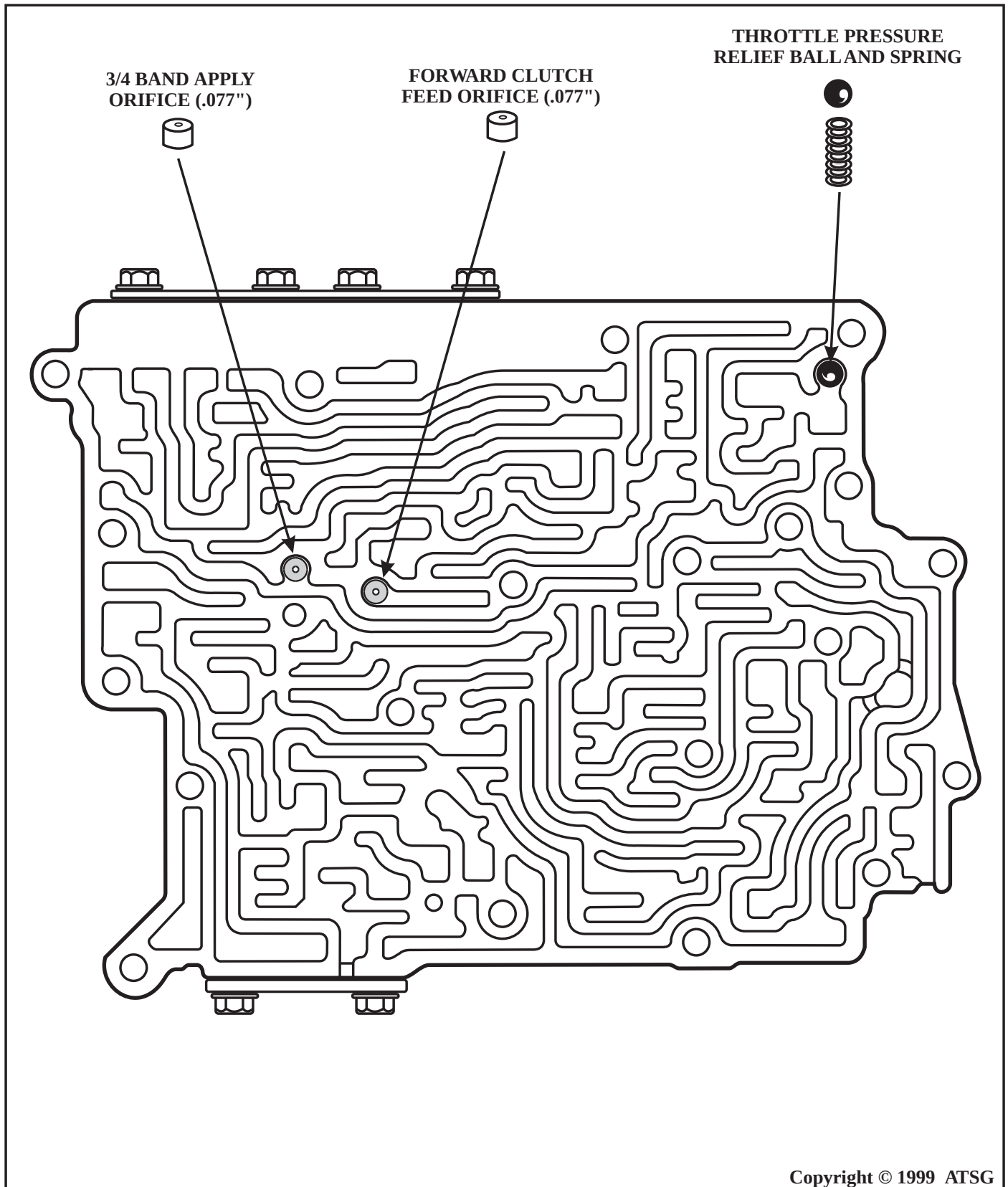
MAZDA G4A-EL PREMAIN VALVE BODY "COVER SIDE"



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

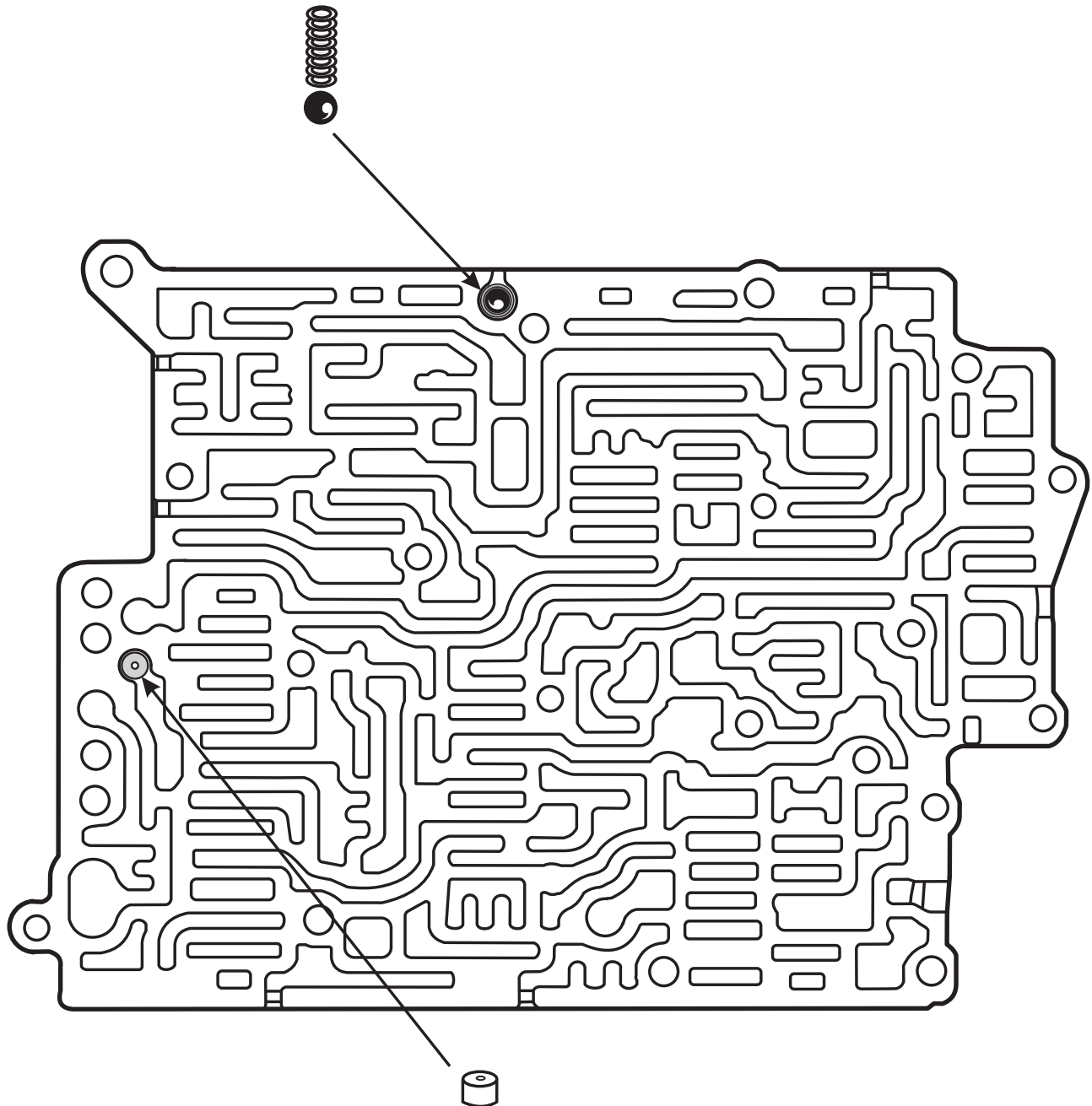
ProCarManuals.com



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

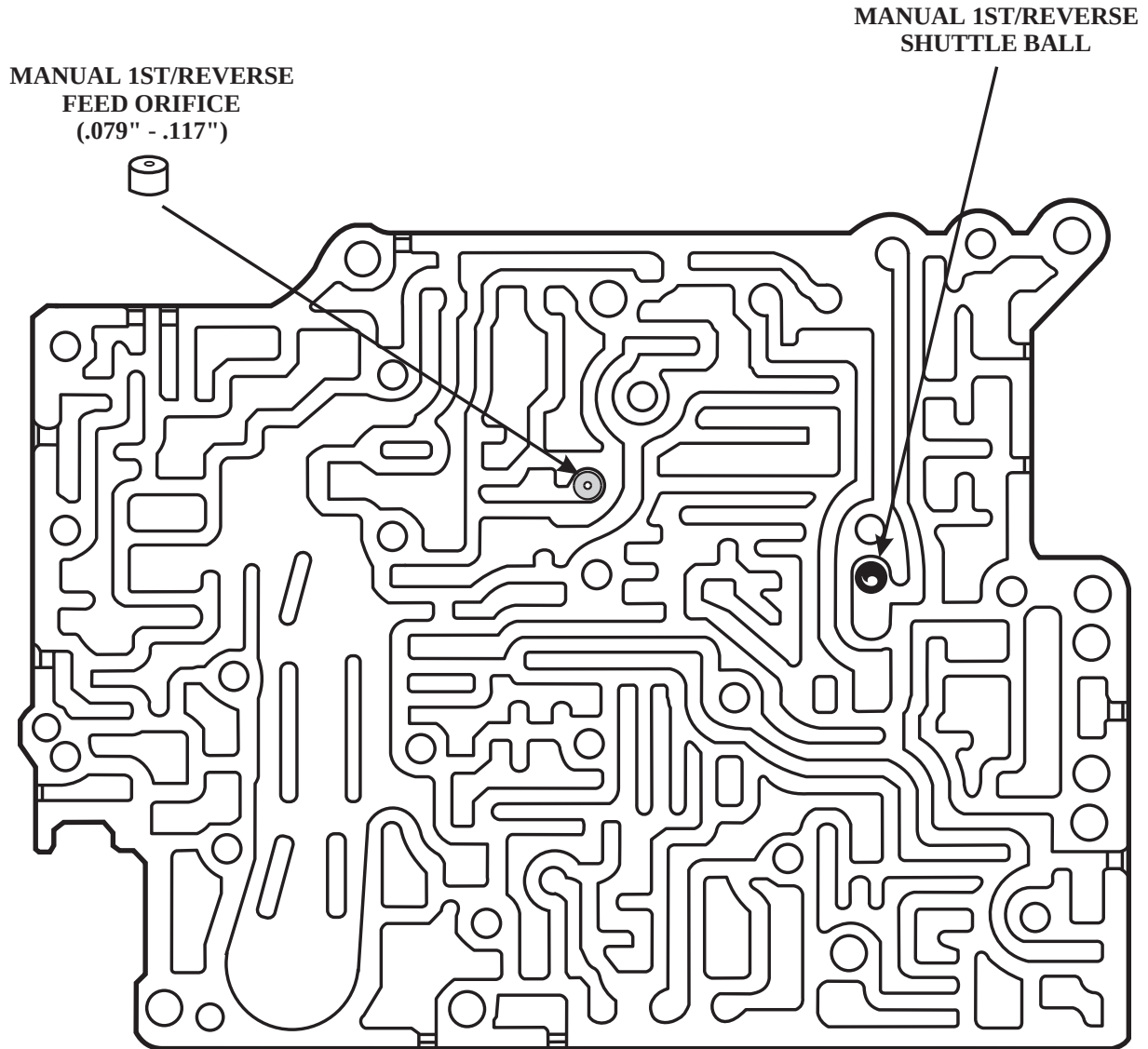
CONVERTER PRESSURE
RELIEF BALL AND SPRING
(Ball Down First)



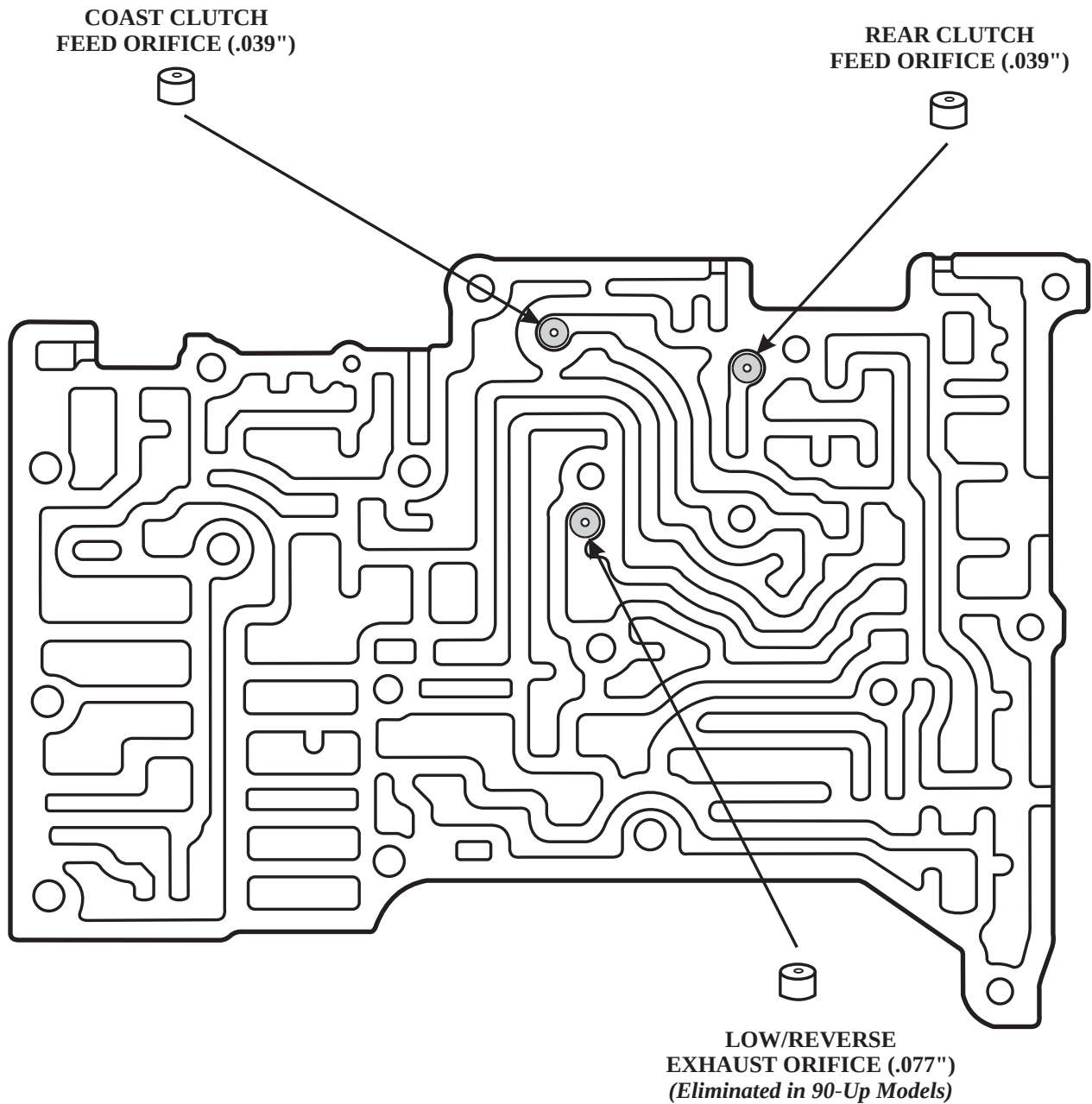
2/4 BAND APPLY
ORIFICE (.031")

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



MAZDA G4A-EL REAR VALVE BODY

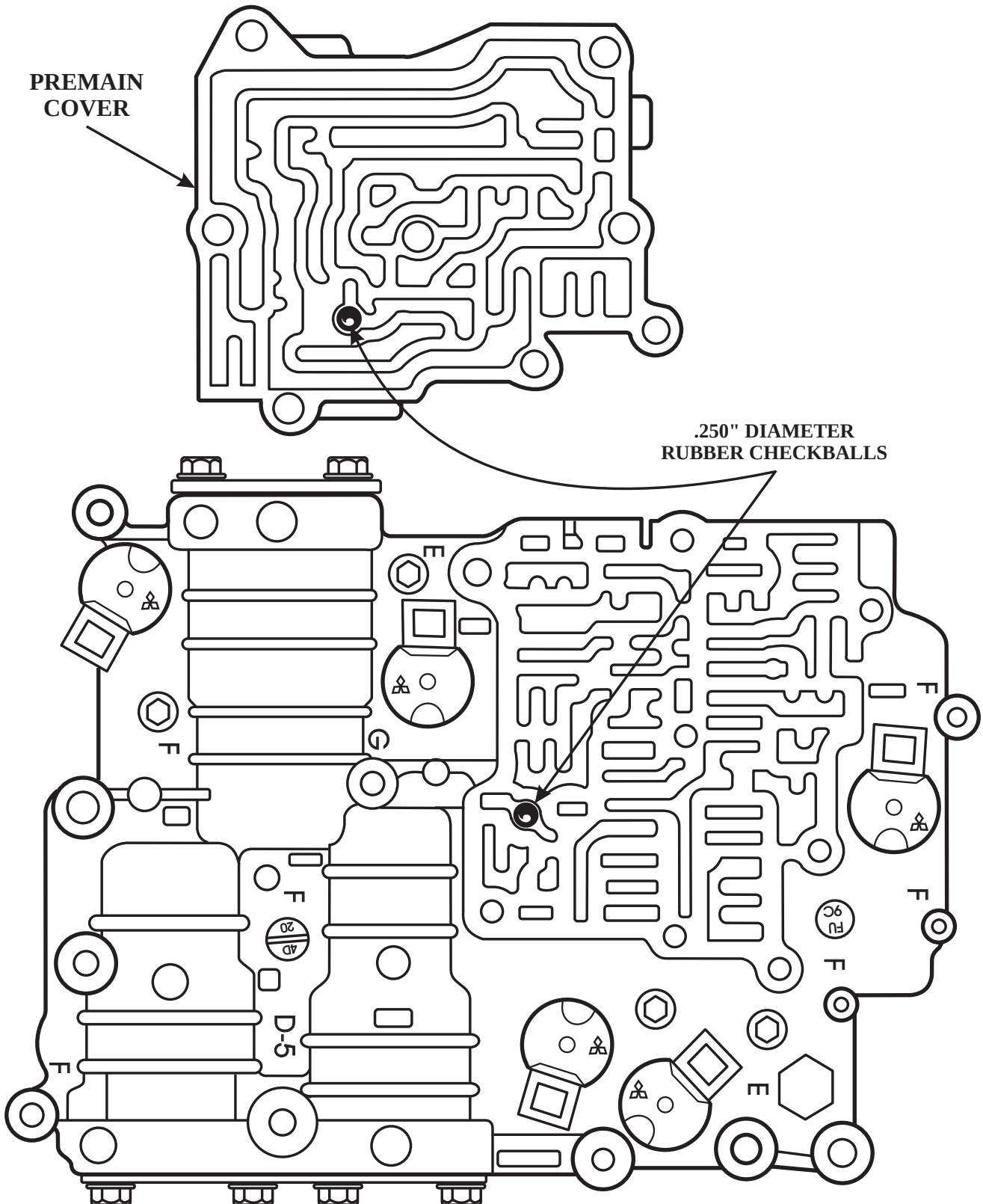


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MAZDA GF4A-EL, 7 SOLENOID PREMAIN VALVE BODY "COVER SIDE", AND COVER

PREMAIN
COVER

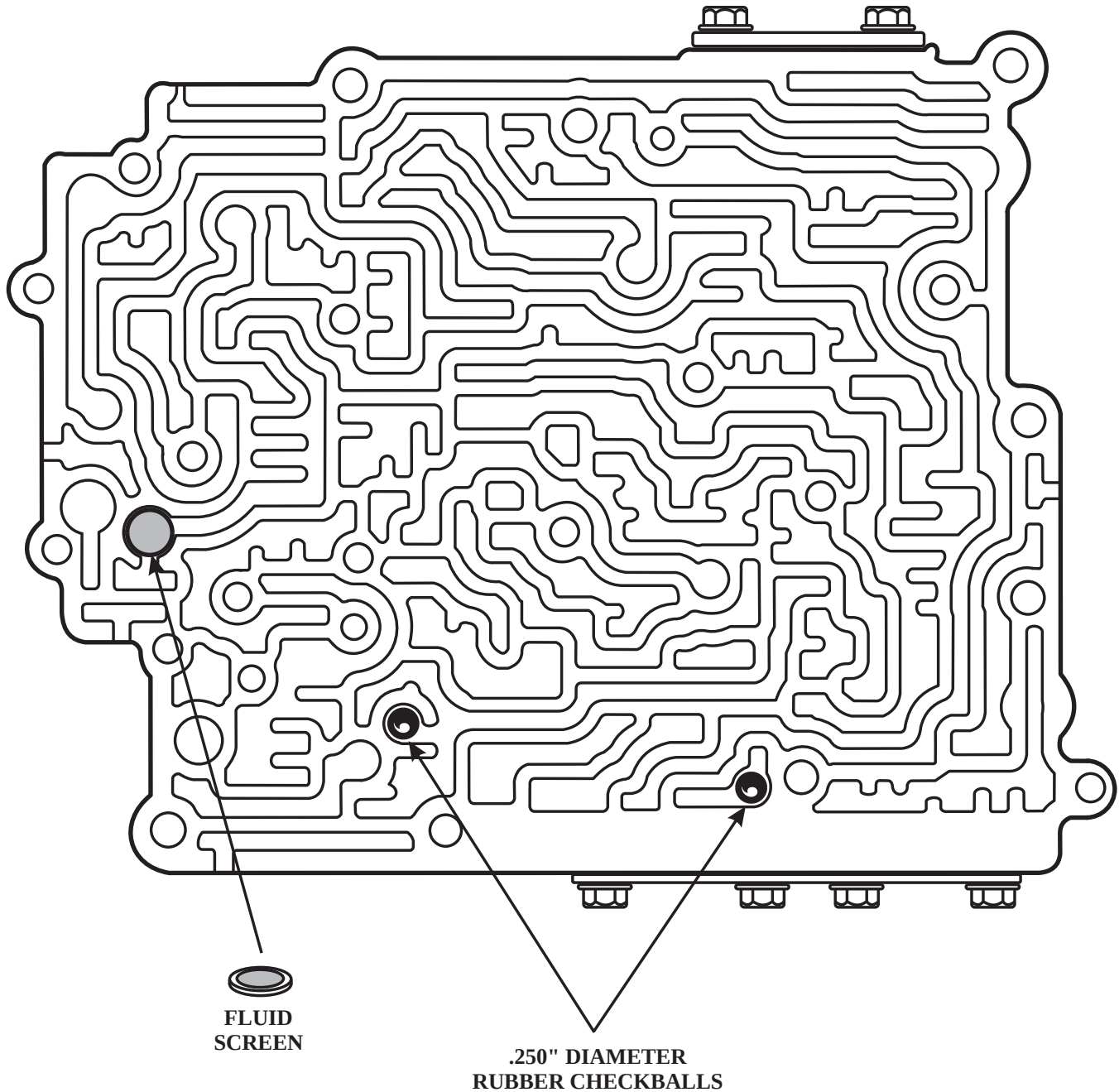
.250" DIAMETER
RUBBER CHECKBALLS



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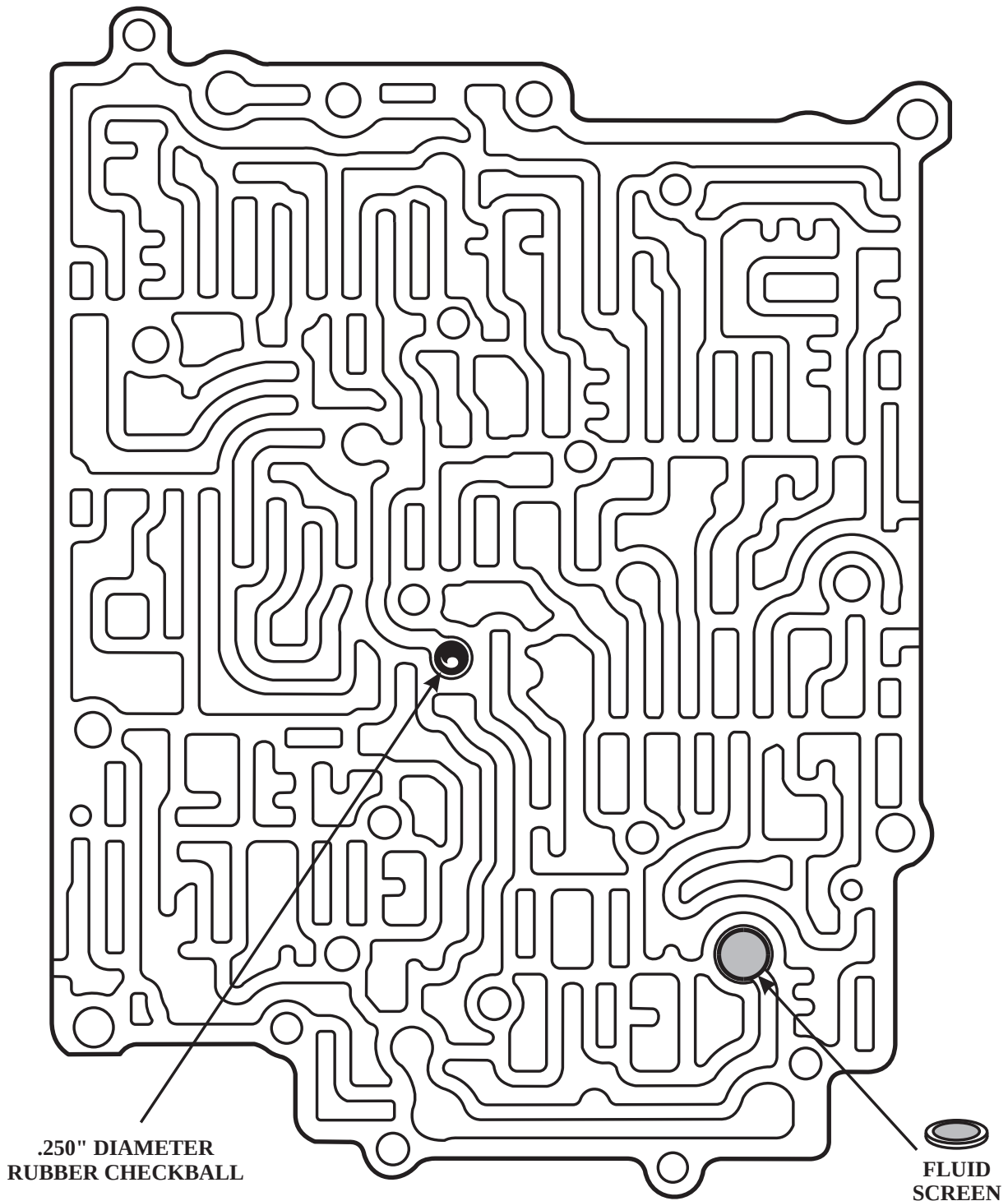
MAZDA GF4A-EL, 7 SOLENOID PREMAIN VALVE BODY "MAIN BODY SIDE"

ProCarManuals.com



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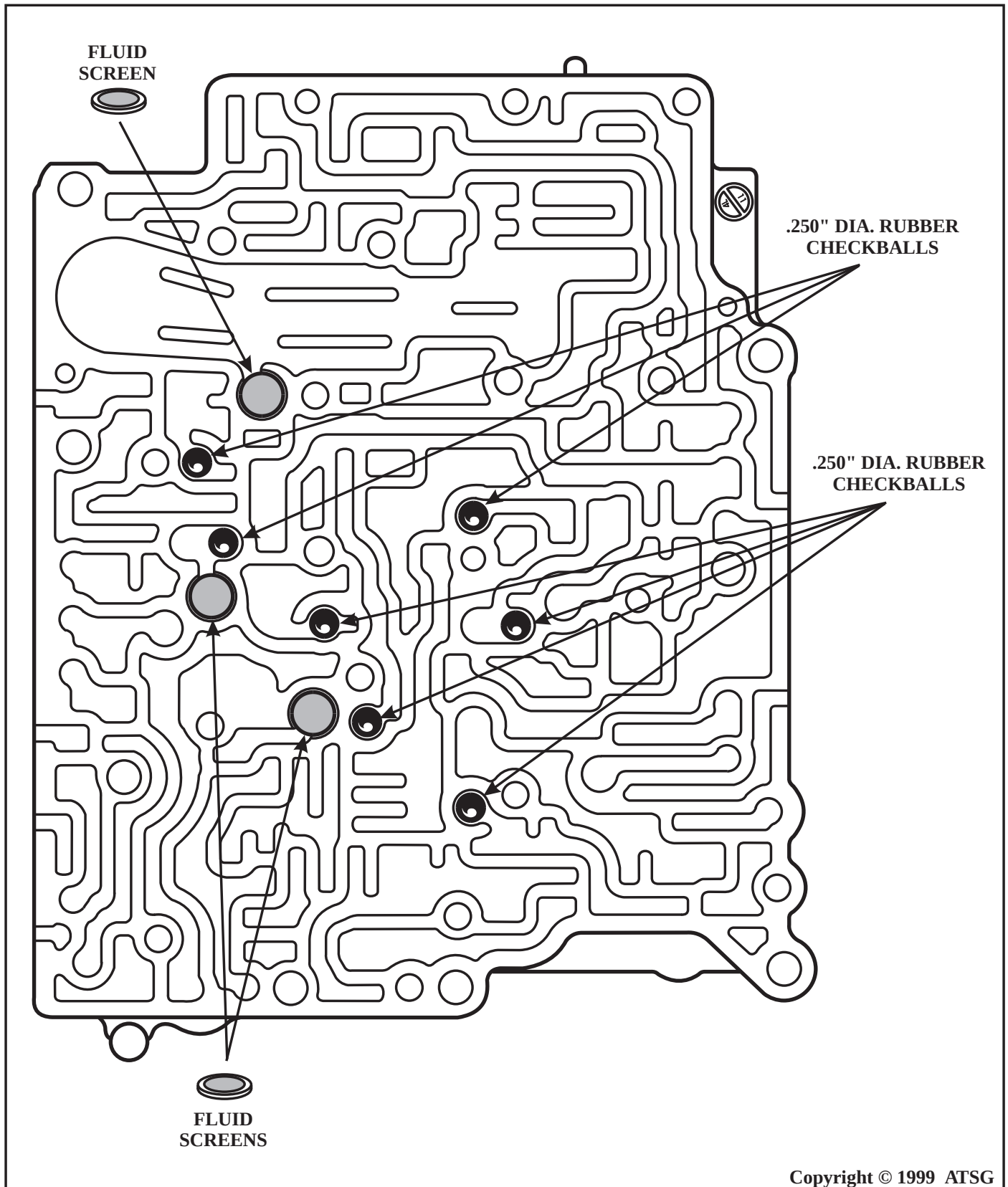
MAZDA GF4A-EL, 7 SOLENOID MAIN VALVE BODY "PREMAIN BODY SIDE"



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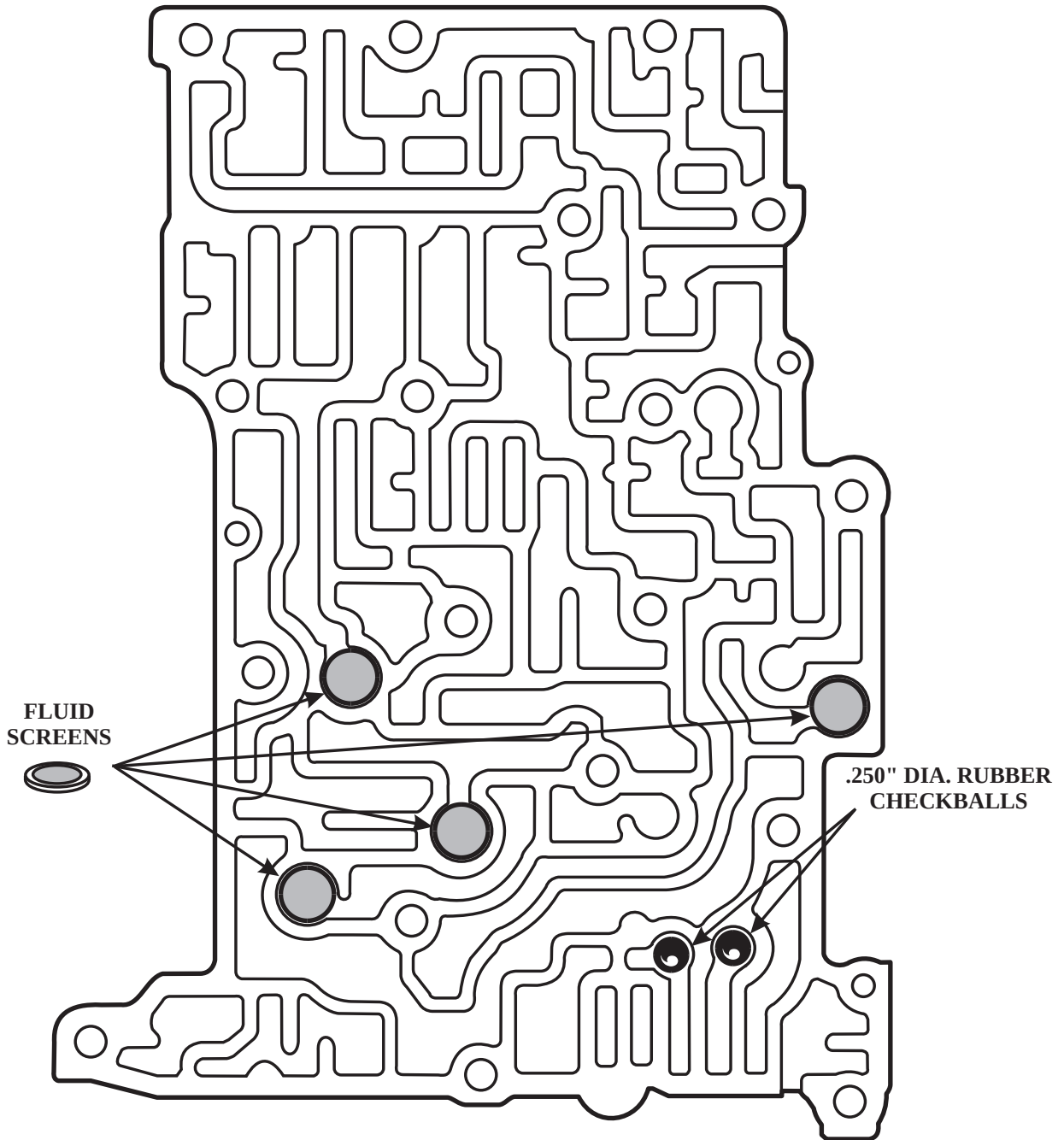
MAZDA GF4A-EL, 7 SOLENOID MAIN VALVE BODY "REAR BODY SIDE"

ProCarManuals.com



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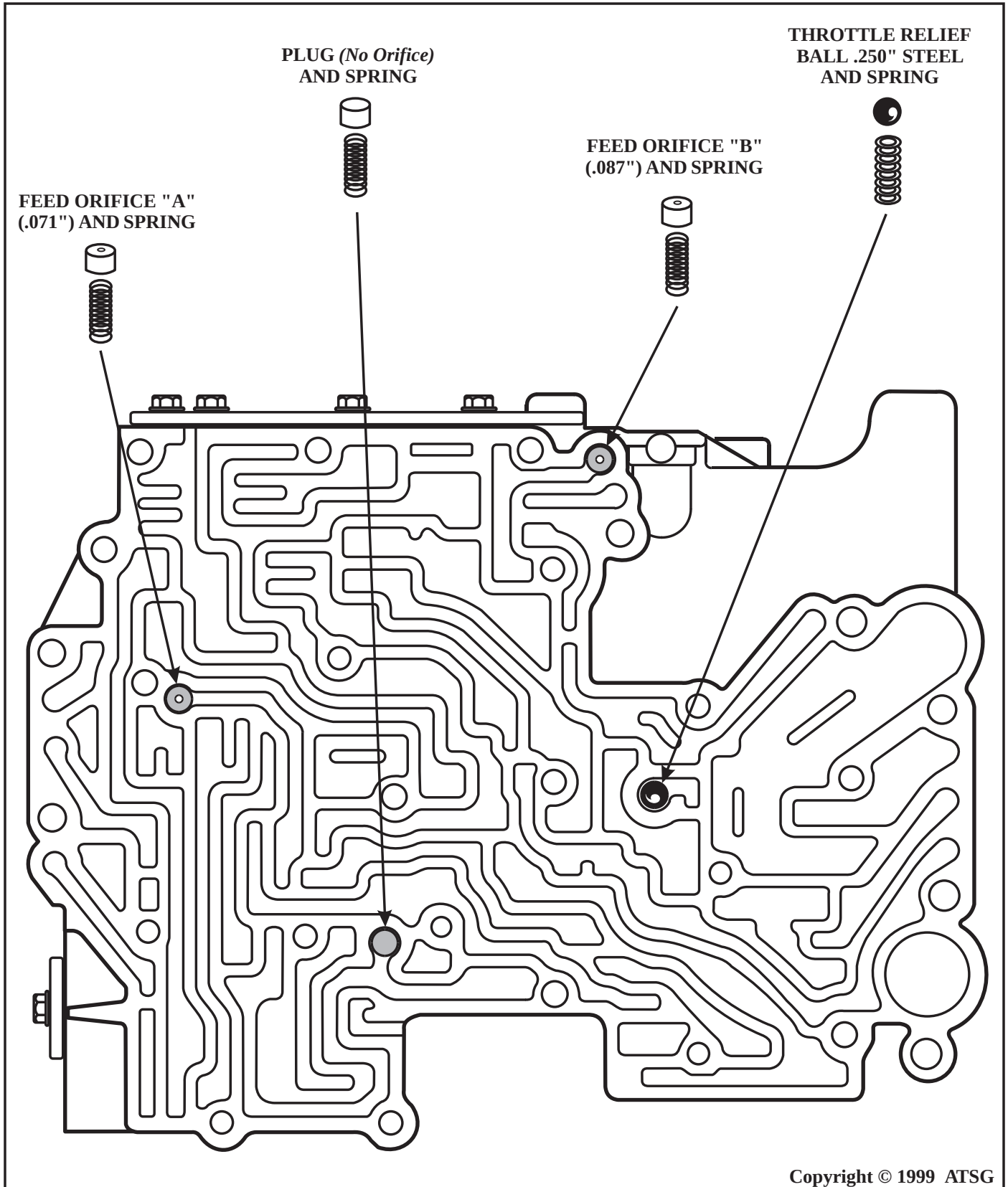
MAZDA GF4A-EL, 7 SOLENOID REAR VALVE BODY "MAIN BODY SIDE"



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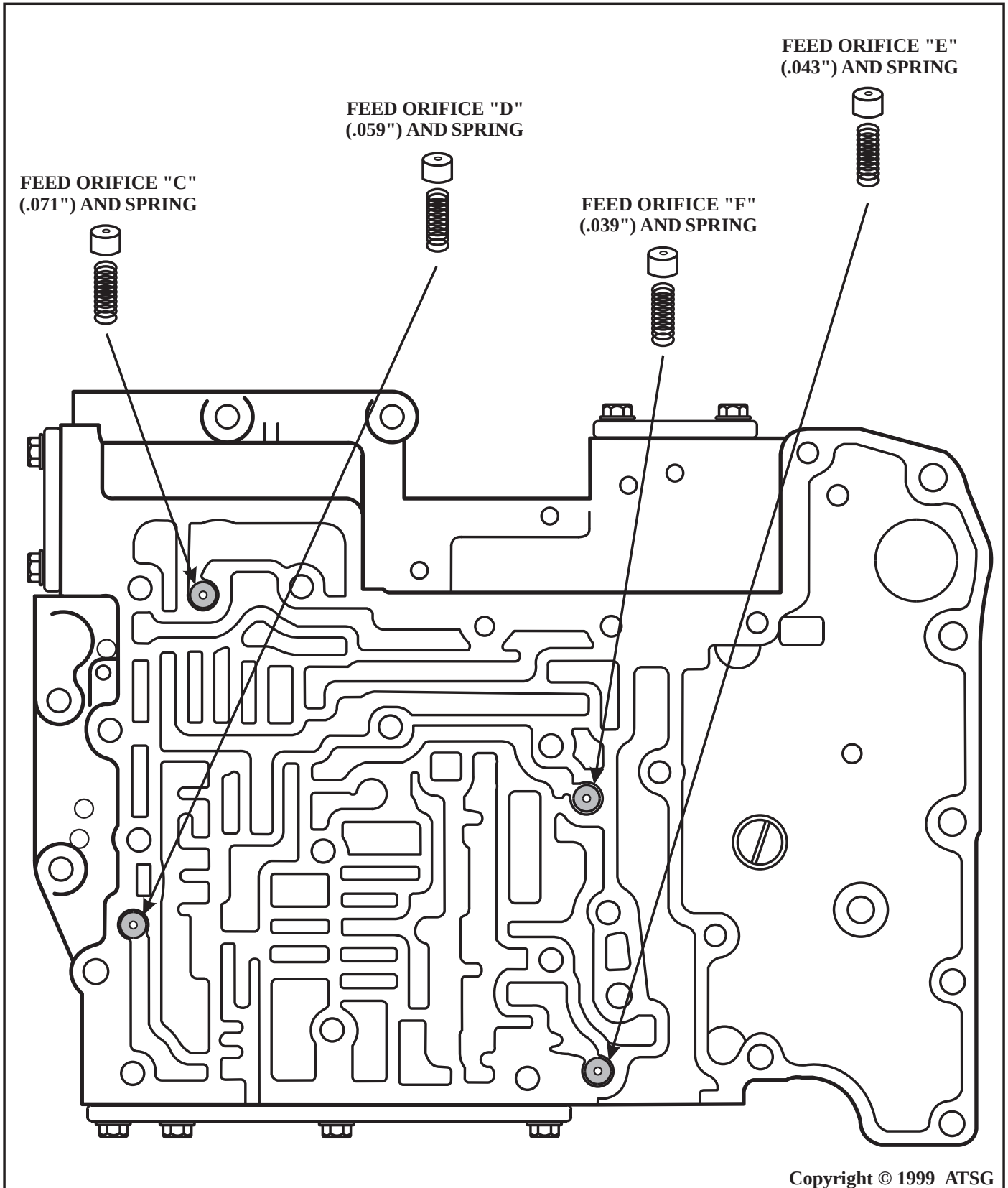
MAZDA N4A-EL LOWER VALVE BODY "UPPER BODY SIDE"

ProCarManuals.com



MAZDA N4A-EL LOWER VALVE BODY "COVER SIDE"

ProCarManuals.com

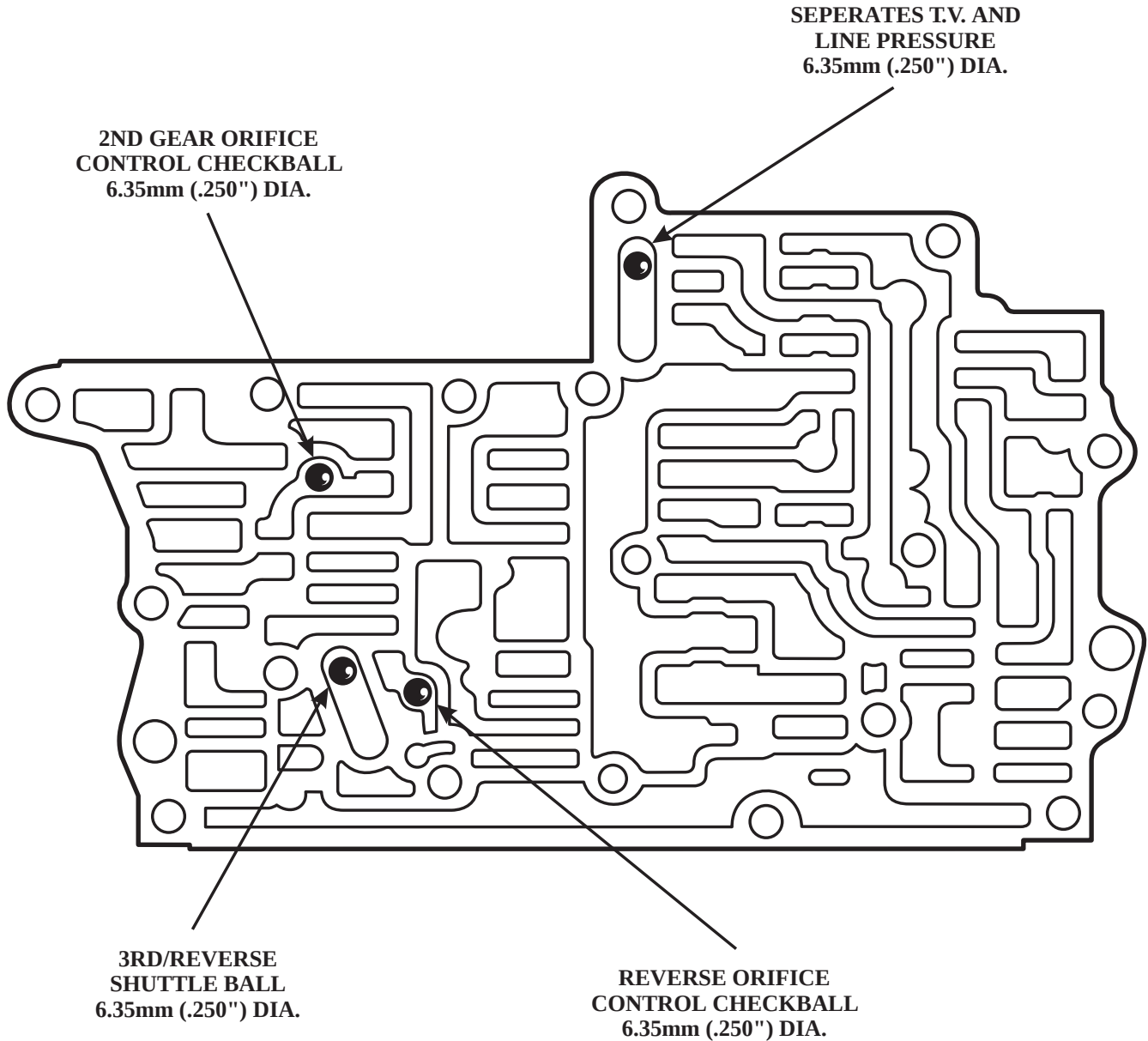


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MITSUBISHI KM171

"UPPER" VALVE BODY CHECKBALL LOCATIONS

ProCarManuals.com



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MITSUBISHI KM171

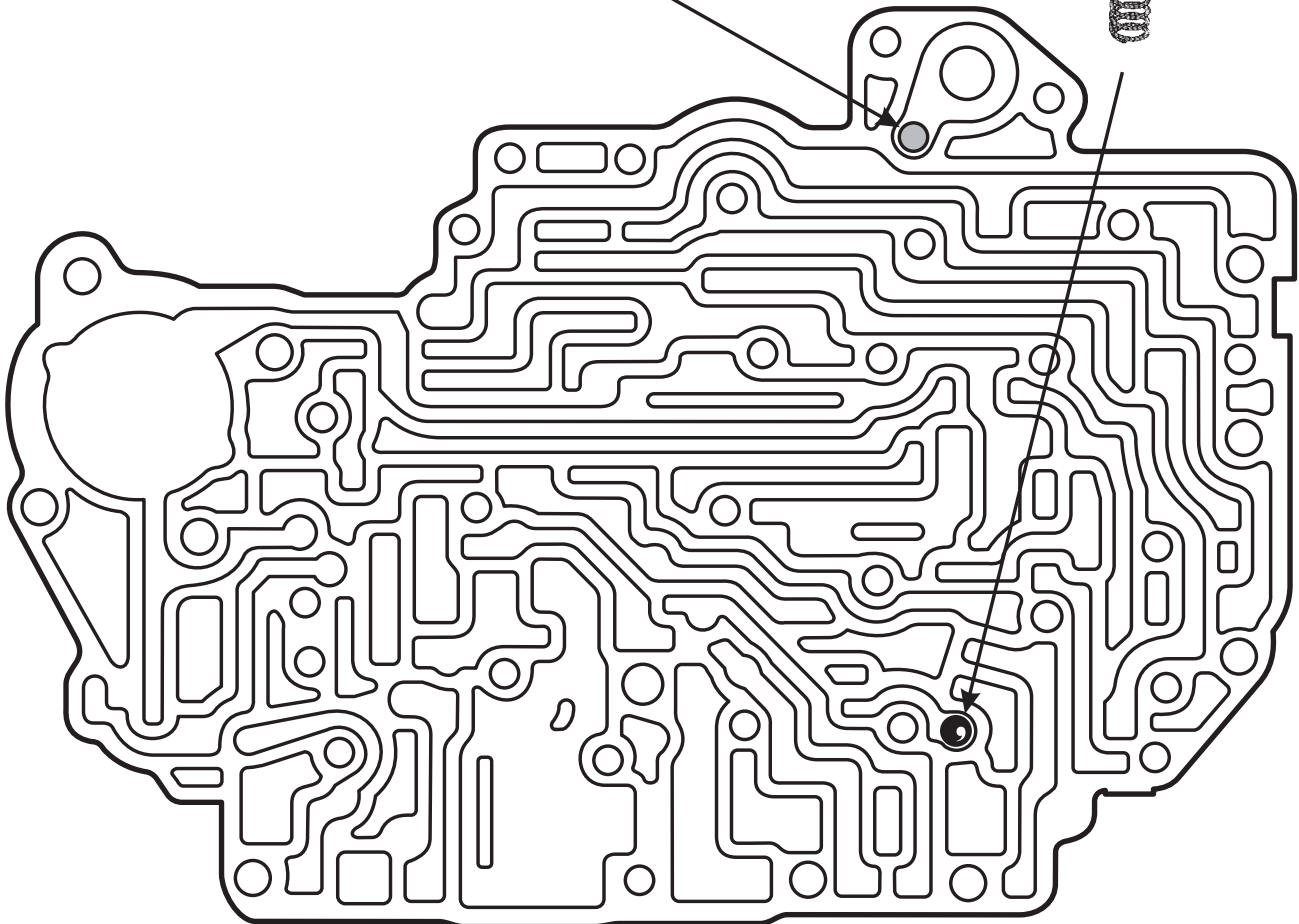
INTERMEDIATE PLATE "UPPER" VALVE BODY SIDE CHECKBALL LOCATIONS

**SOLENOID
FILTER**
Lock-Up Models Only



**LOW RELIEF
BALL AND SPRING**

SPRING FREE LENGTH = .485"
CHECKBALL DIAMETER = .250"



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MITSUBISHI KM171

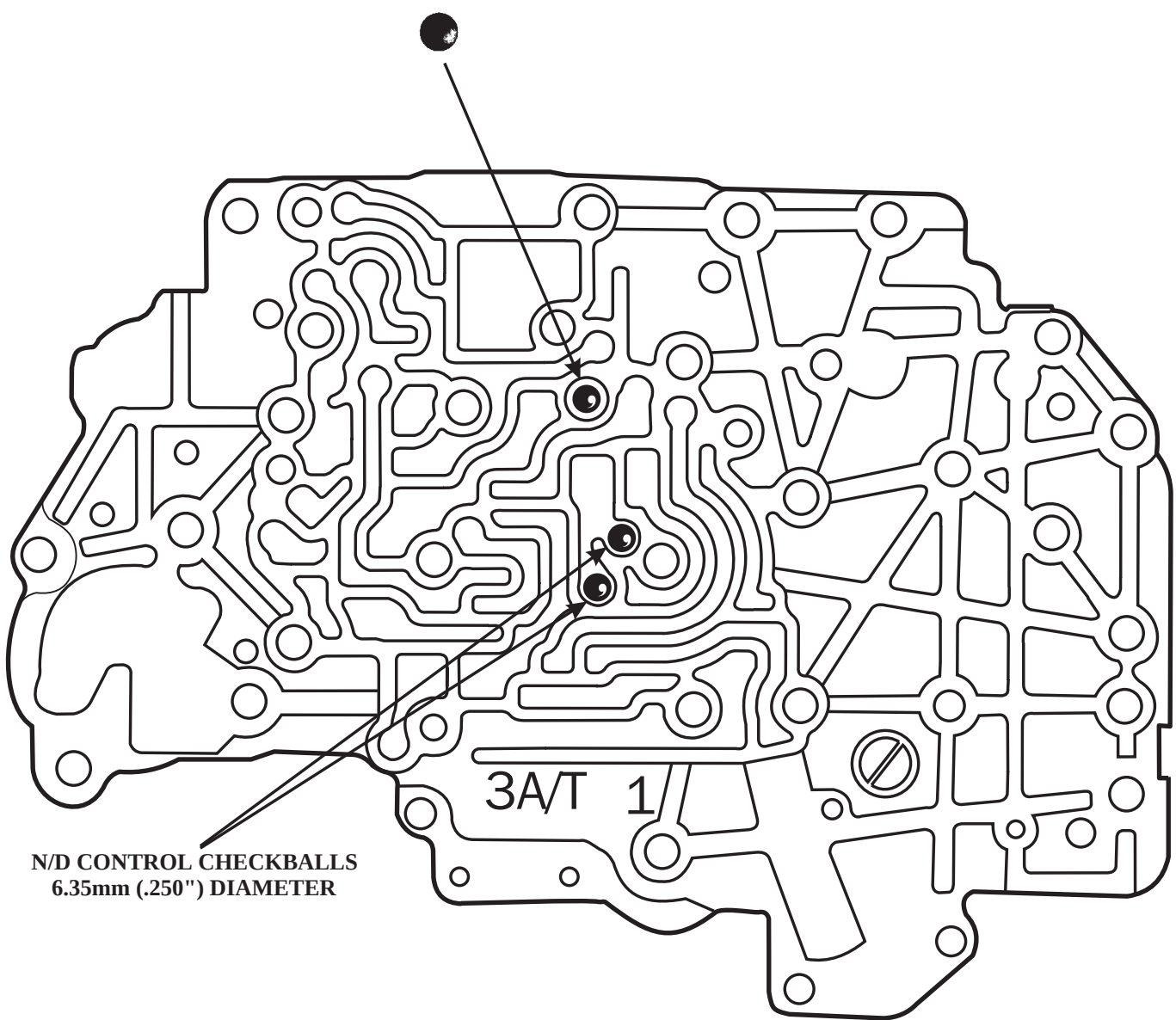
INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE CHECKBALL LOCATIONS

ProCarManuals.com

LINE PRESSURE
BALL AND SPRING



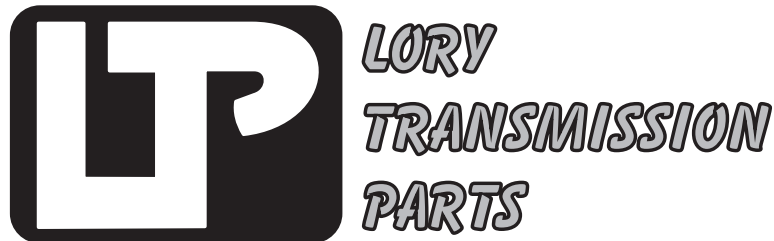
SPRING FREE LENGTH = .670"
CHECKBALL DIAMETER = .250"



N/D CONTROL CHECKBALLS
6.35mm (.250") DIAMETER

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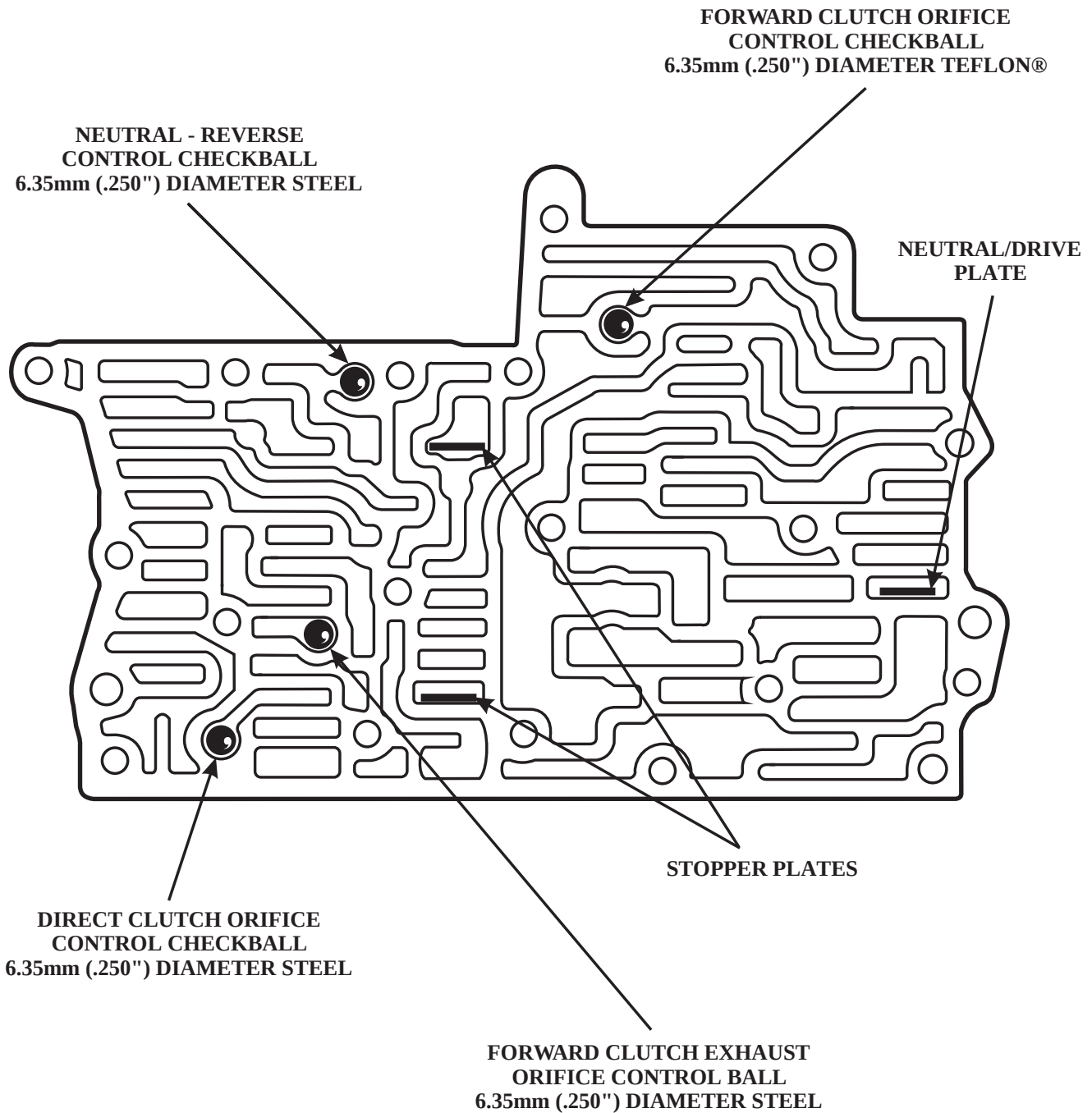
We wish to thank the following for supplying the actual valve bodies that have made these illustrations possible.



**2414 SW 8TH STREET
MIAMI, FLORIDA 33135
TOLL FREE (800) 966-4621
PHONE (305) 642-4621
FAX (305) 541-1444**

MITSUBISHI KM175, KM176, KM177

"UPPER" VALVE BODY CHECKBALL LOCATIONS



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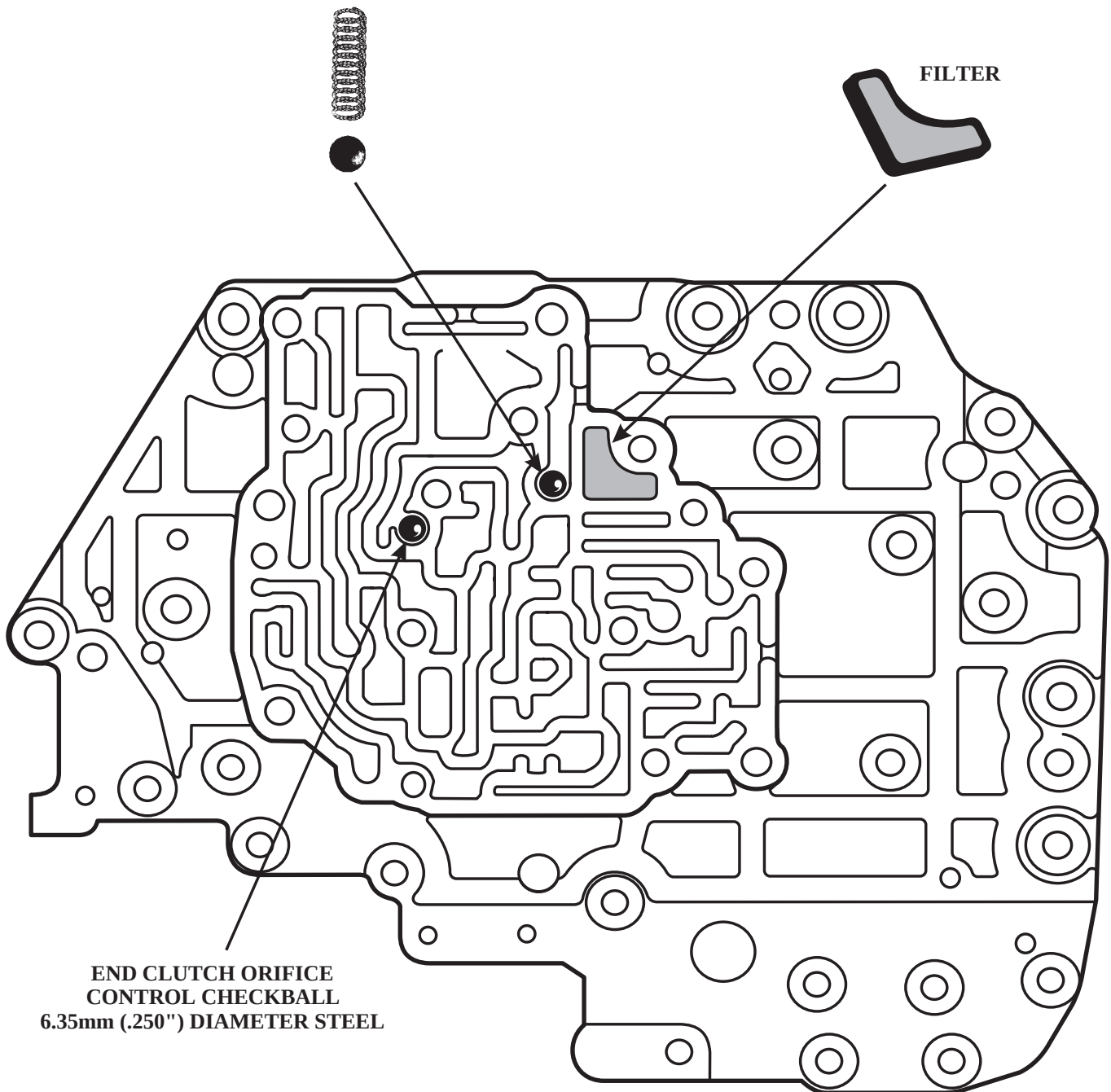
MITSUBISHI KM175, KM176, KM177

INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE

CHECKBALL LOCATIONS

LINE PRESSURE
BALL AND SPRING

FILTER

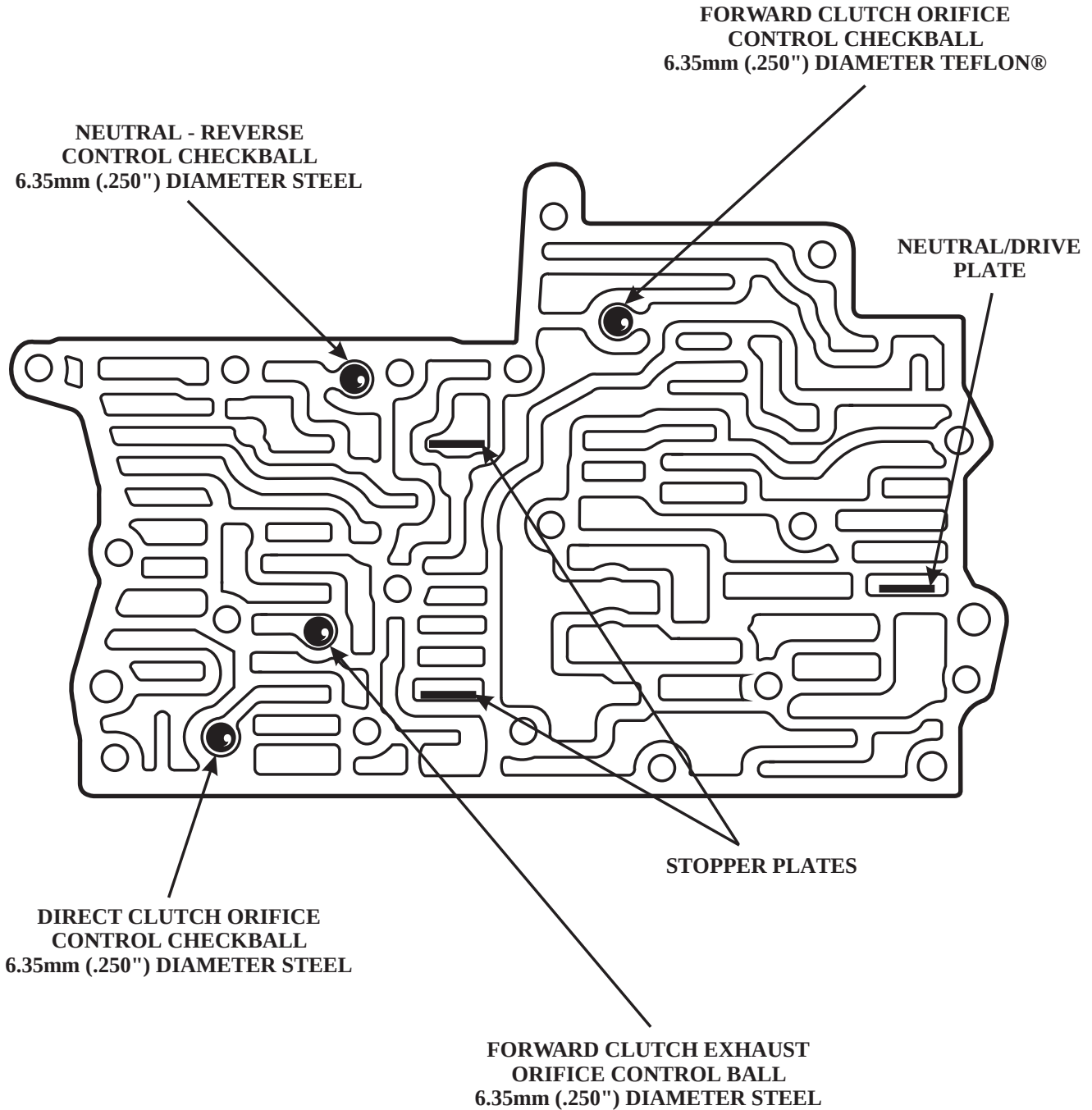


END CLUTCH ORIFICE
CONTROL CHECKBALL
6.35mm (.250") DIAMETER STEEL

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MITSUBISHI F4A3, W4A3

"UPPER" VALVE BODY CHECKBALL LOCATIONS



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MITSUBISHI F4A3, W4A3

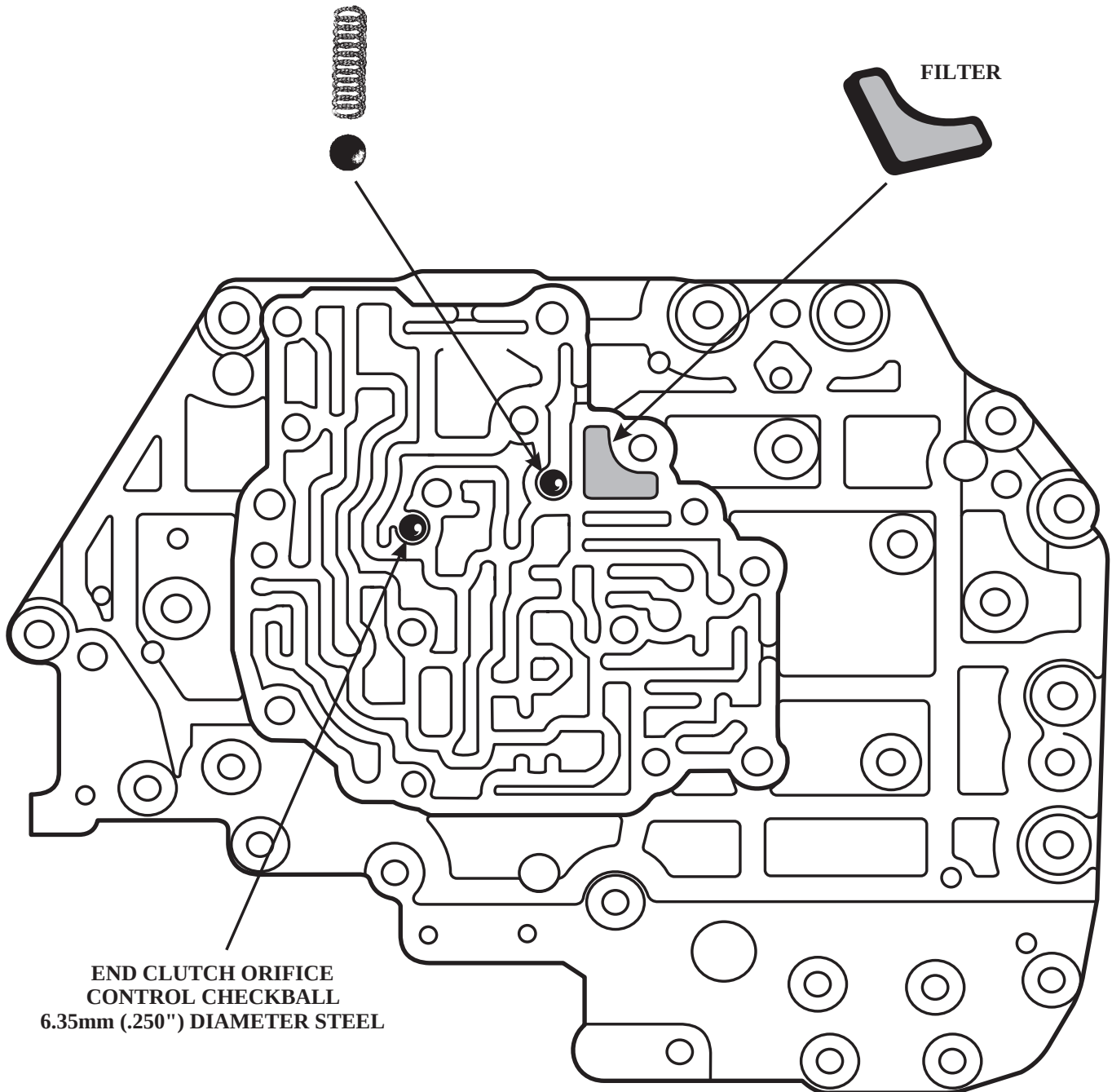
INTERMEDIATE PLATE "LOWER" VALVE BODY SIDE

CHECKBALL LOCATIONS

LINE PRESSURE
BALL AND SPRING

FILTER

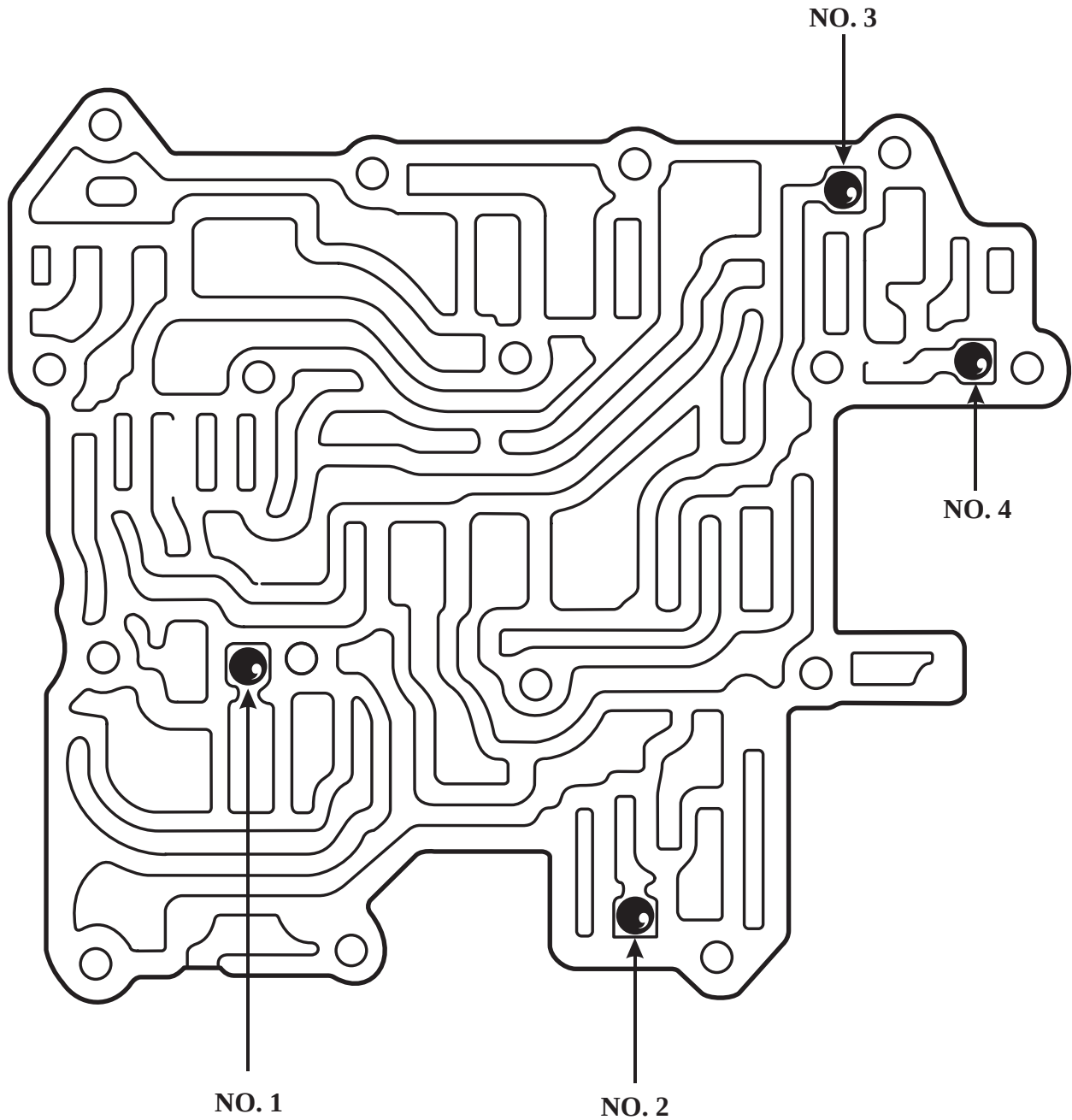
ProCarManuals.com



END CLUTCH ORIFICE
CONTROL CHECKBALL
6.35mm (.250") DIAMETER STEEL

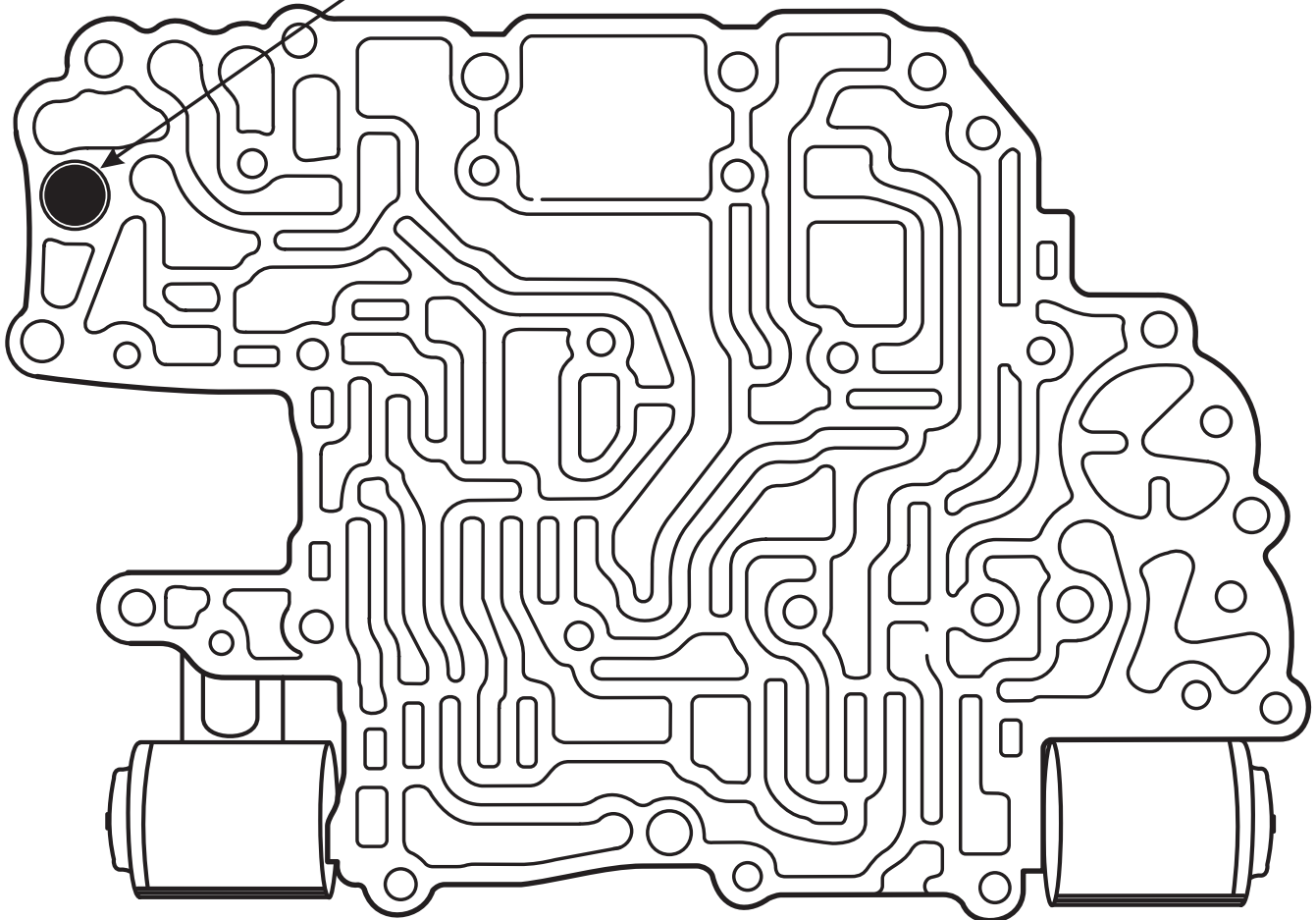
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MX17 SPRINT, SUZUKI & GEO "UPPER" VALVE BODY CHECKBALL LOCATIONS



MX17 SPRINT, SUZUKI & GEO "LOWER" VALVE BODY BY-PASS VALVE LOCATION

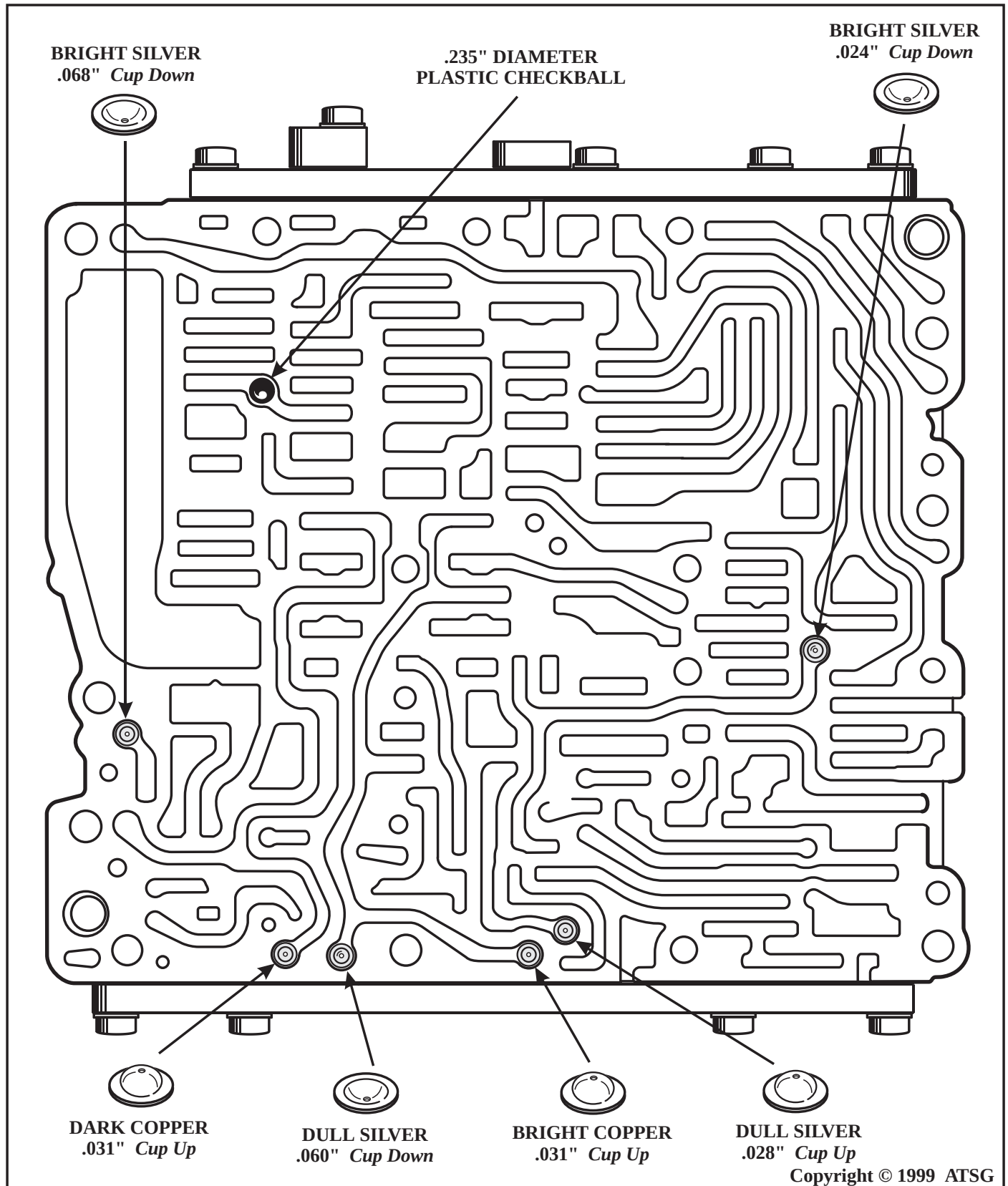
COOLER BY-PASS
VALVE AND SPRING



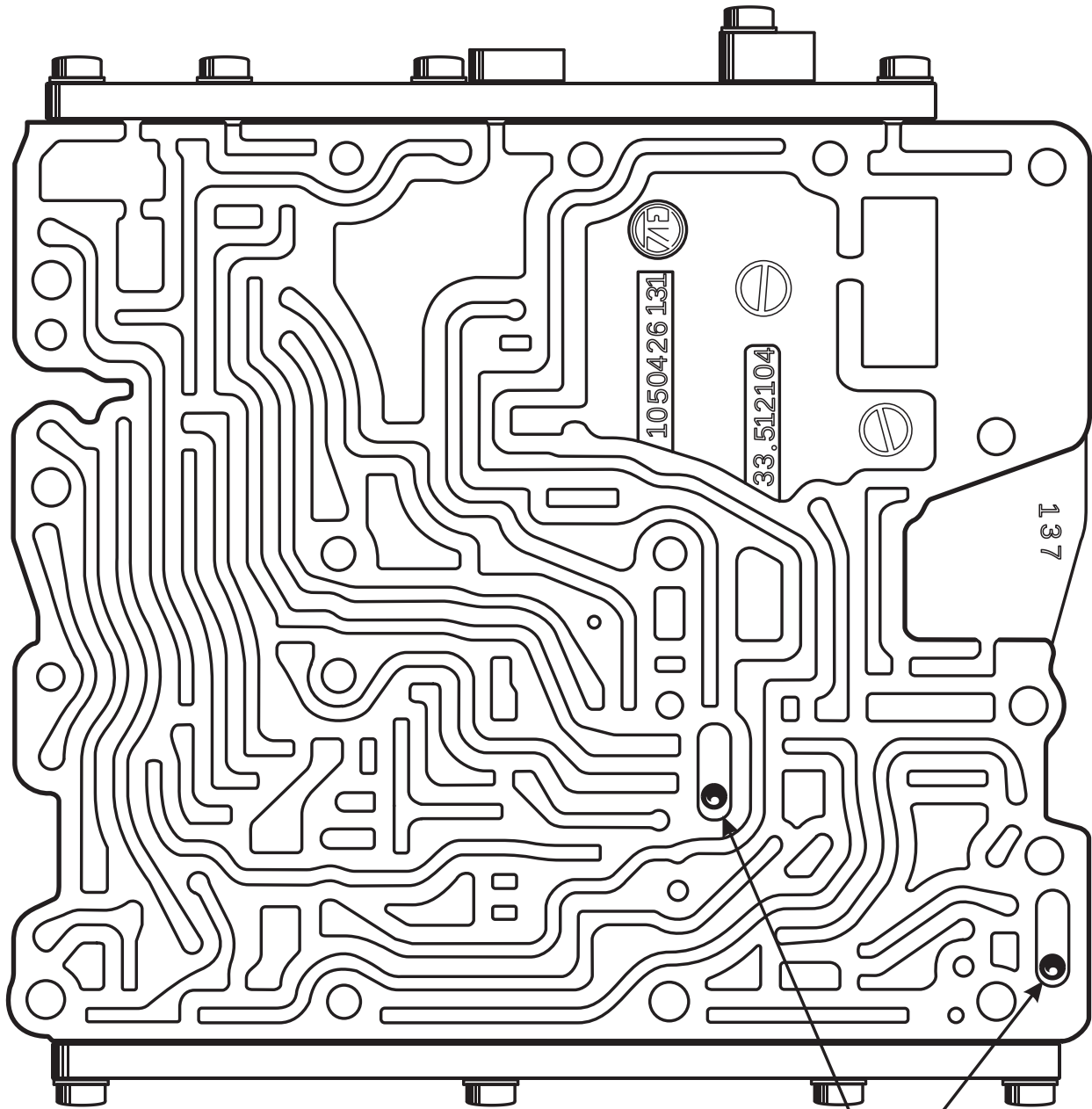
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SAAB HYDRAULIC ZF4HP-18 MAIN VALVE BODY "TRANSFER PLATE SIDE"

ProCarManuals.com



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

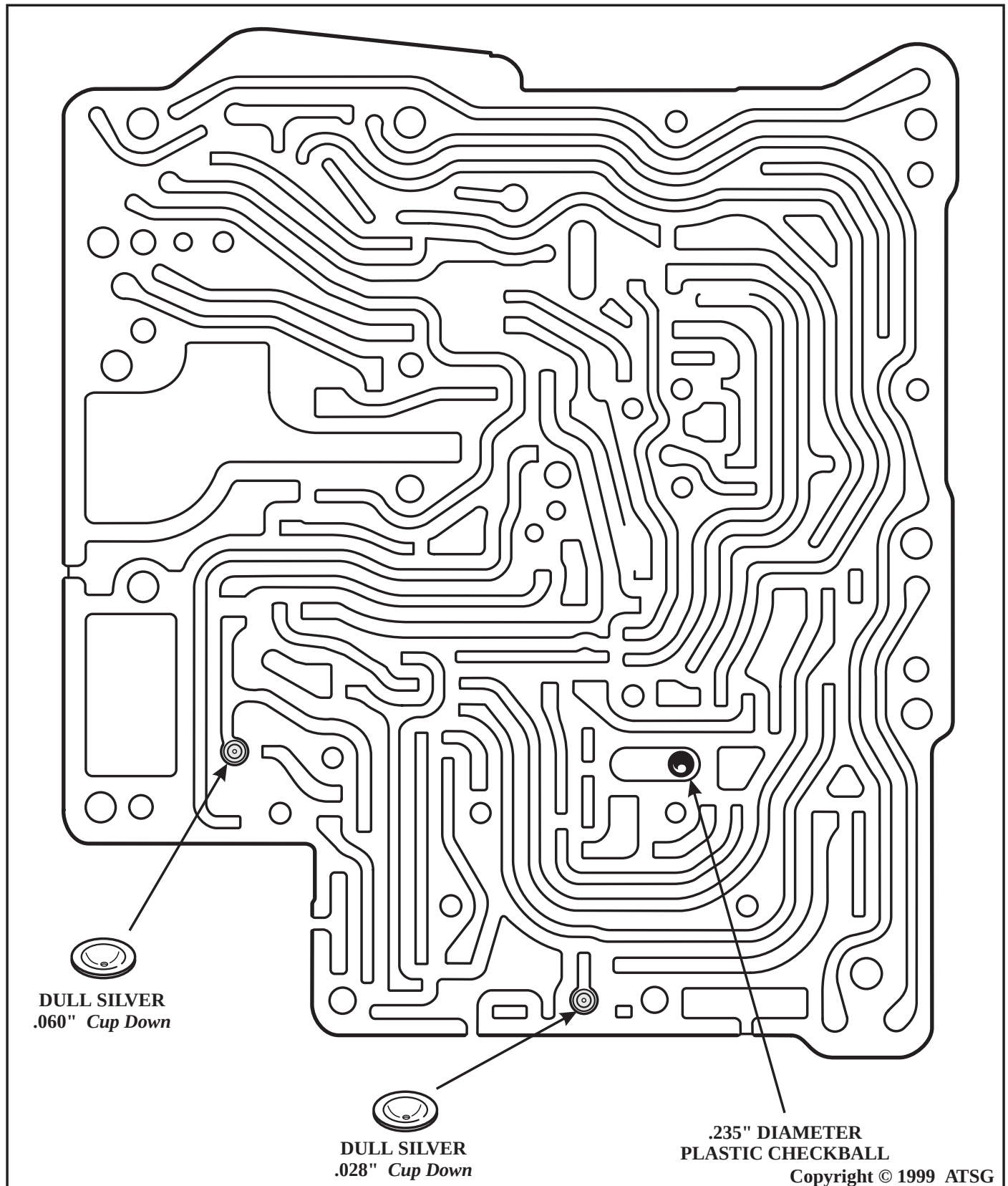


.235" DIAMETER
PLASTIC CHECKBALLS

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

ProCarManuals.com

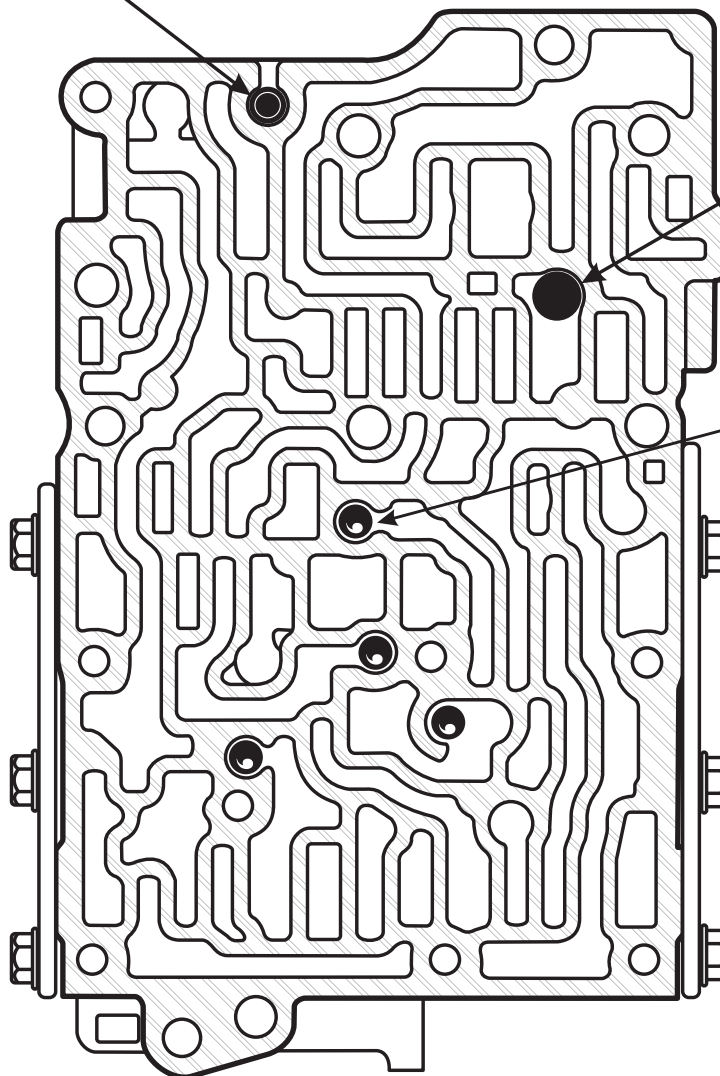


VOLVO/SAAB AW50-42LE "REAR" VALVE BODY

PRESSURE RELIEF
VALVE AND SPRING



CHECK VALVE
AND SPRING

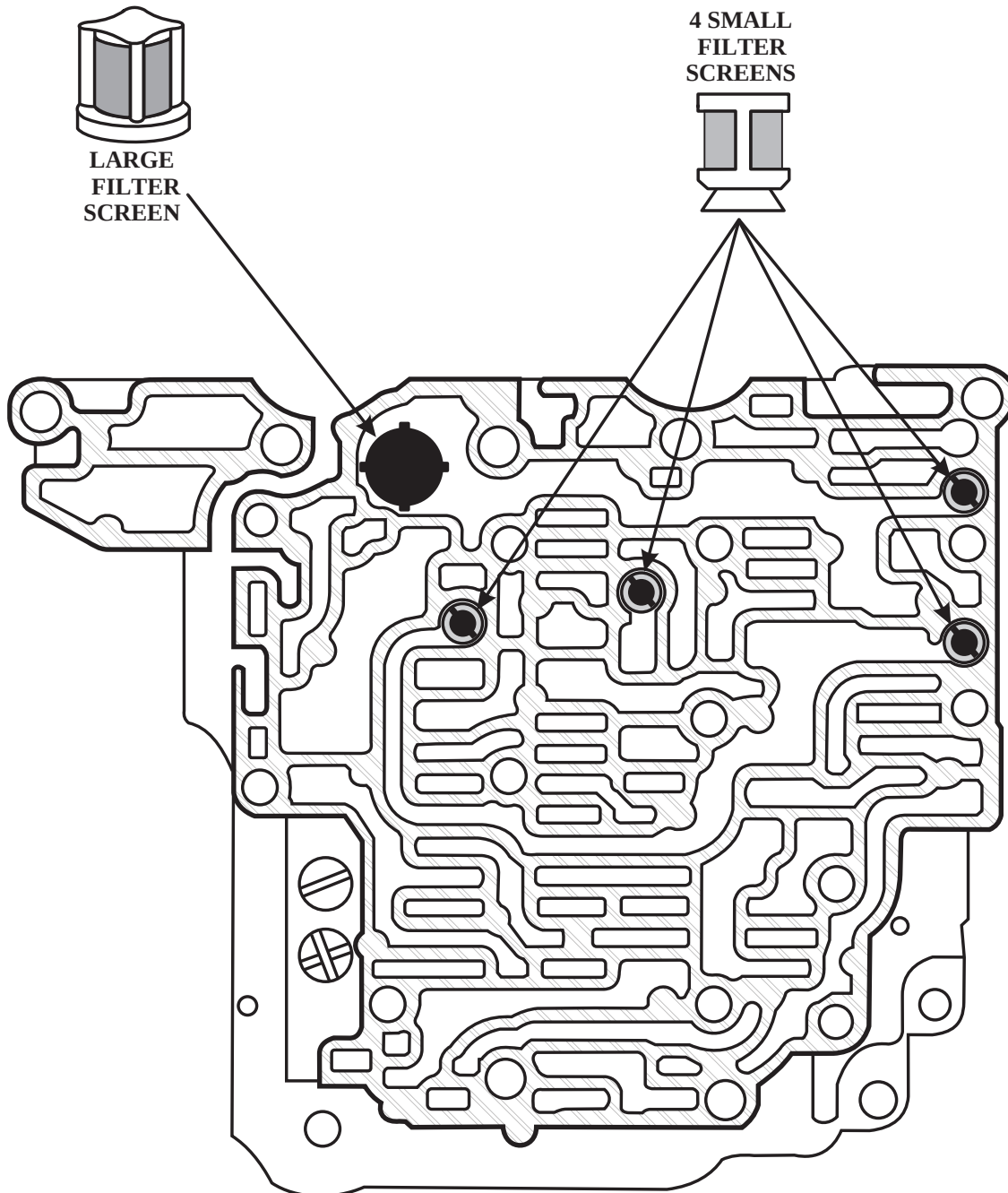


*Not Used In Mid 1995
And Later Models*

REQUIRES FOUR RUBBER CHECKBALLS
5.0mm (.197") IN DIAMETER

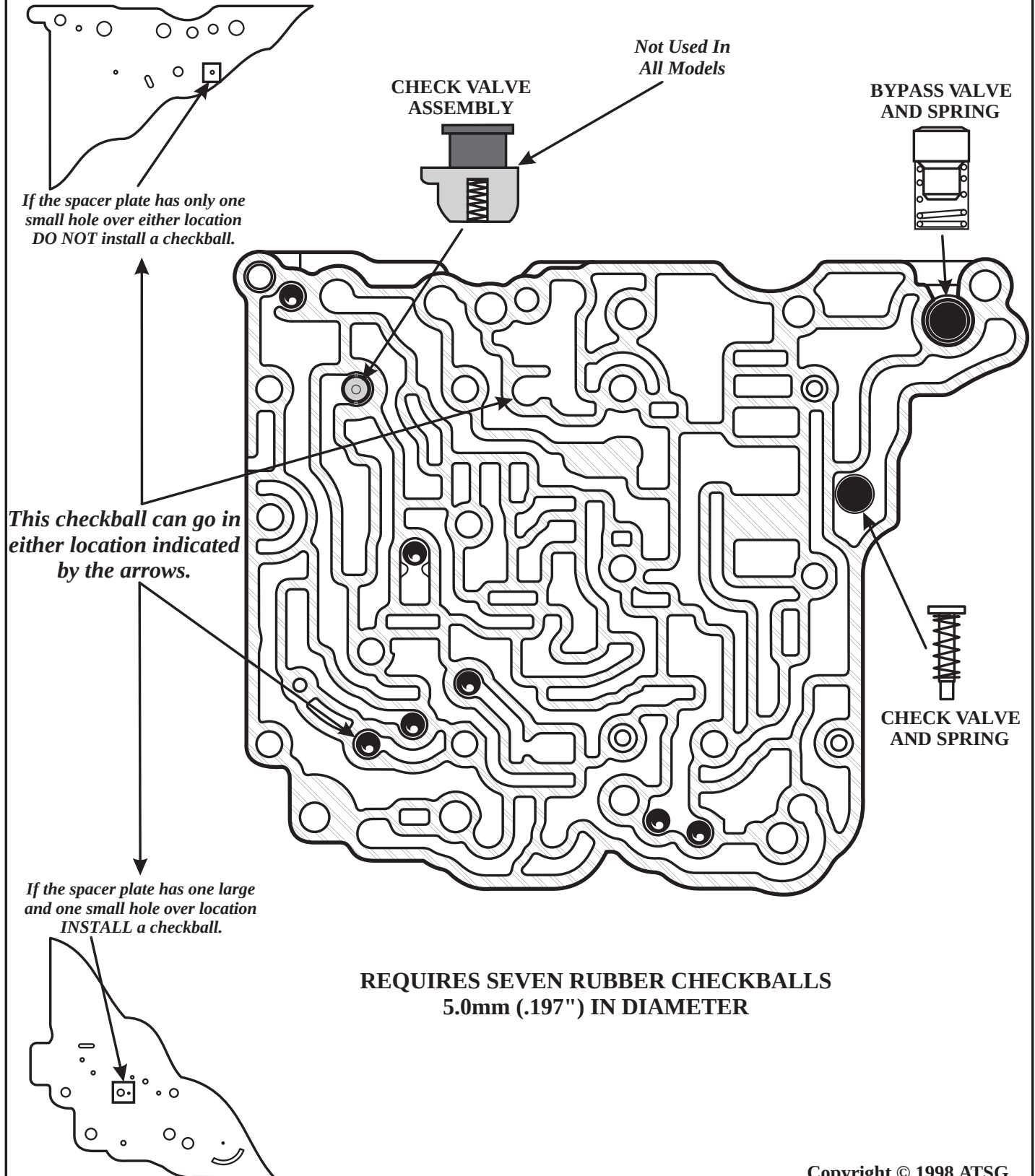
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VOLVO/SAAB AW50-42LE "CENTER" VALVE BODY, "FRONT" SIDE

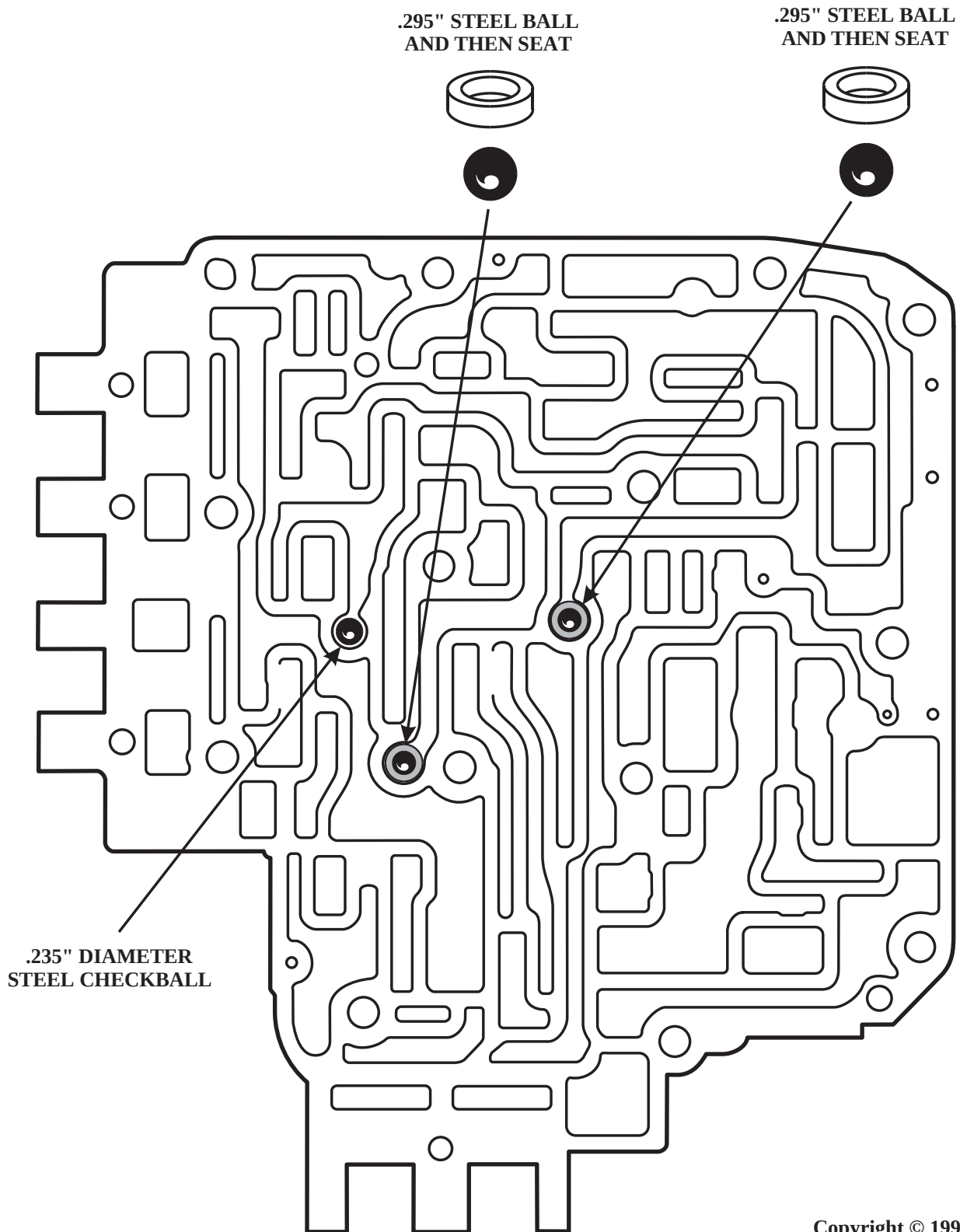


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VOLVO/SAAB AW50-42LE "CENTER" VALVE BODY, "REAR" SIDE



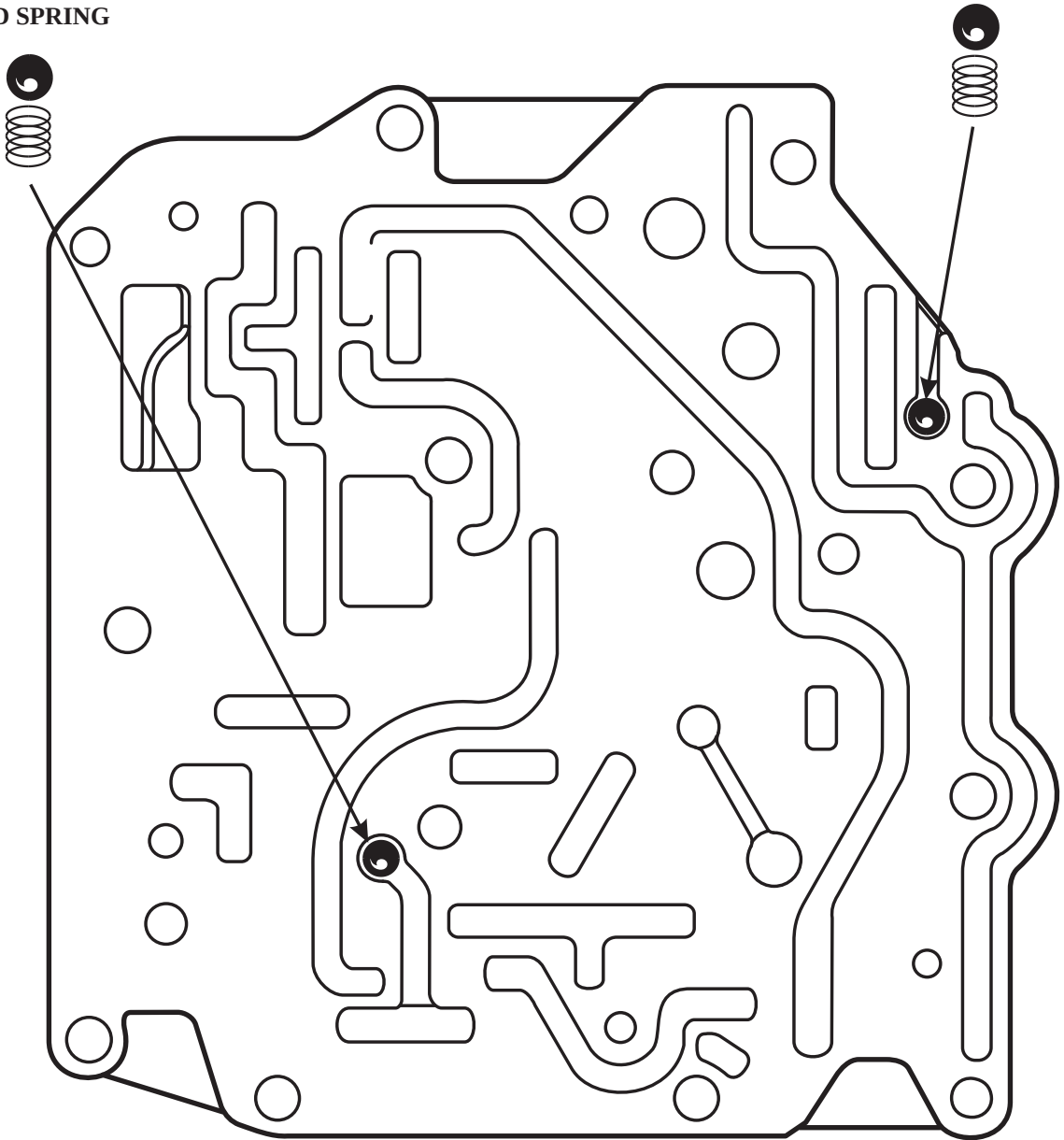
VOLKSWAGON PASSAT 096-097 MAIN VALVE BODY "CASE SIDE"



VOLKSWAGON PASSAT 096-097 MAIN VALVE BODY TRANSFER PLATE

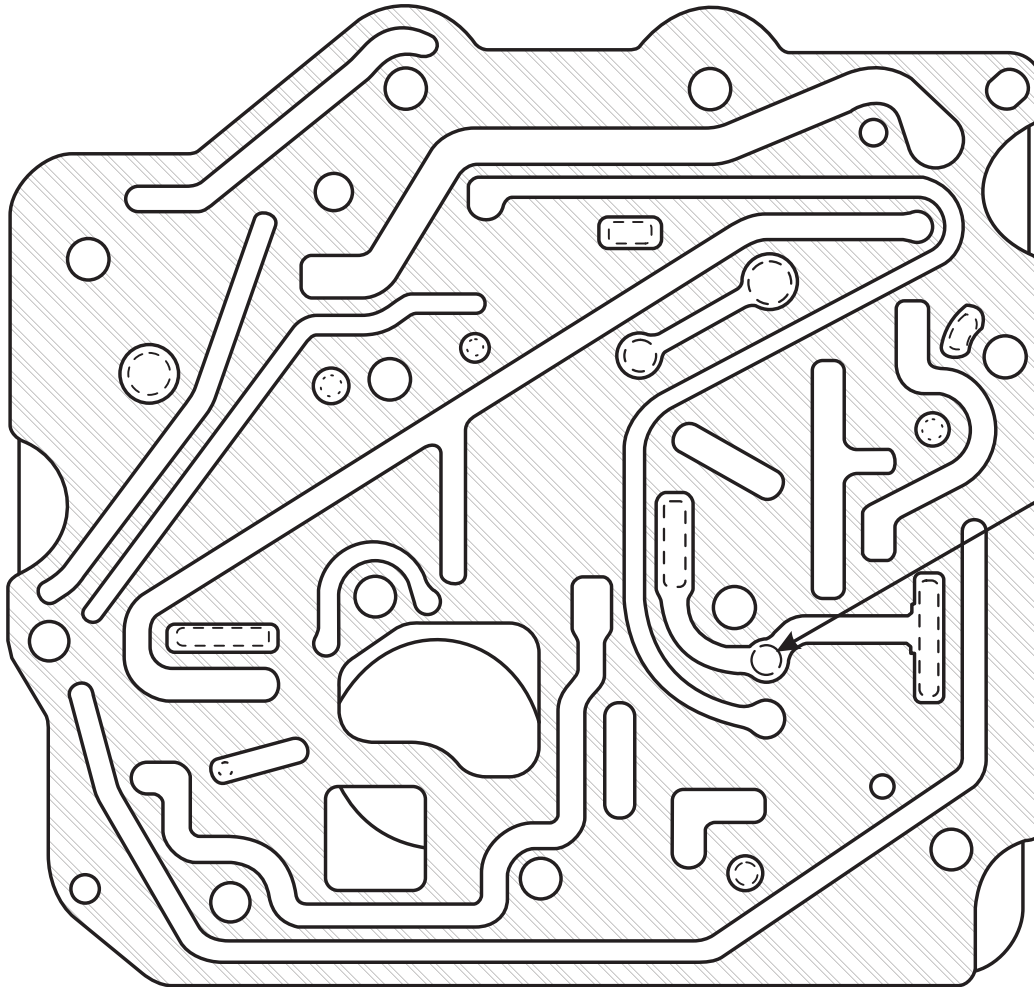
.235" DIAMETER
RELIEF BALL
AND SPRING

.235" DIAMETER
RELIEF BALL
AND SPRING



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AUDI/VW "01M" UPPER CHANNEL PLATE Phase II "All Models"



④
● 6mm (.236")
Diameter

FREE LENGTH = .276"
SPRING DIAMETER = .182"
WIRE DIAMETER = .008"

AUDI/VW "01M" VALVE BODY Phase II "Early Only"

7mm (.275")
Diameter
With Retainer



6mm (.236")
Diameter
Not used in
all models



6mm (.236")
Diameter
Not used in
all models

①



7mm (.275")
Diameter
(Some Models
Have Retainer)



Retaining Pin
Length = 1.061"
Diameter = .085"

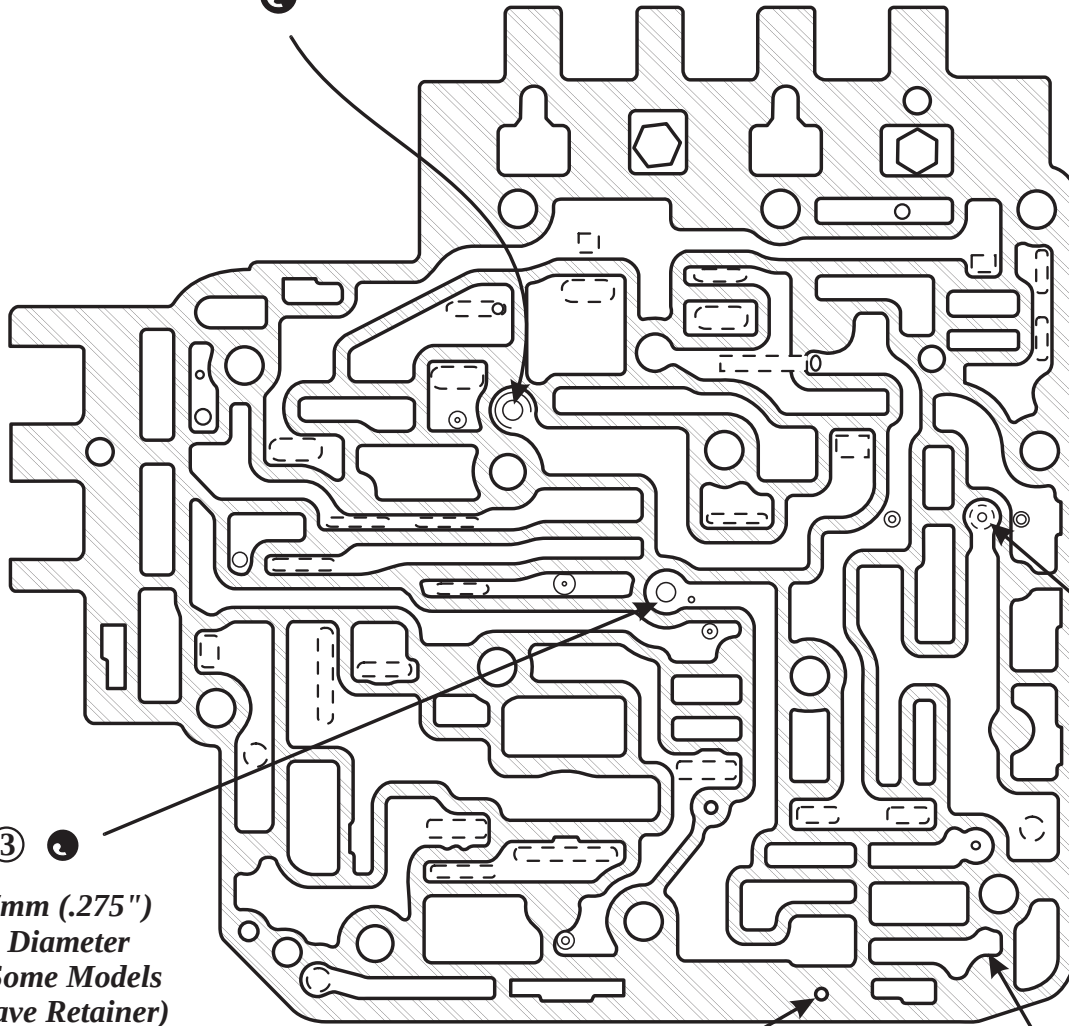


NOTE: there should be only One 6mm
checkball, in one location or the other.

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AUDI/VW "01M" VALVE BODY Phase II "Late Only"

7mm (.275")
Diameter
With Retainer



①
6mm (.236")
Diameter

③
7mm (.275")
Diameter
(Some Models
Have Retainer)

6mm (.236")
Diameter

Retaining Pin
Length = 1.061"
Diameter = .085"

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