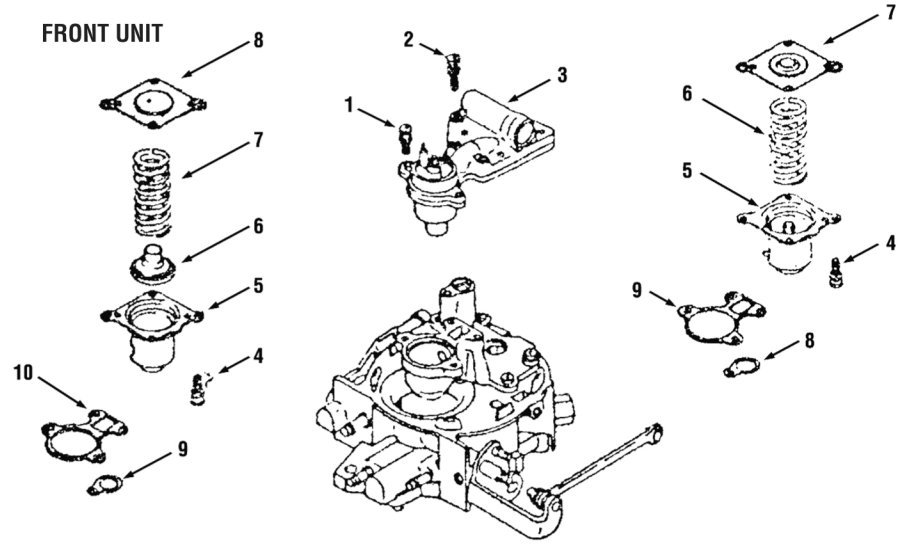
Fuel Pressure Regulator Diaphragm Replacement
Rochester Model 400 (Crossfire TSI)

CAUTION:
Follow manufacturer's recommended procedure for relieving fuel system pressure before installing pressure regulator. Front and rear units are not calibrated the same. Fuel meter cover and diaphragm assemblies must not be switched.
Fuel injectors are calibrated differently and must not be interchanged.

DISASSEMBLY:
Fuel meter cover and regulator assembly or accumulator assembly (3):
To disassemble follow this procedure because of large spring under heavy tension.
Accidental release could cause injury. Remove 2 diaphragm cover screws (4) across from each other. Then reinstall them for 3 turns.
Carefully remove the other 2 screws evenly to release the spring tension.
Holding cover and housing remove screws (do not disturb pressure adjustment screw under spring).

REASSEMBLY:
Reassemble unit in reverse order of disassembly.
Note special instructions.

SPECIAL INSTRUCTIONS:
Pressure regulator (7)/accumulator (8):
install alignment bolts across from each other.
Assemble diaphragm, spring and cover.
Compress spring and install 2 screws snugly.
Remove alignment bolts and install remaining screws.
Tighten screws down evenly.
Fuel meter screws: torque to 28 inch-lbs.
Use manufacturer service manual for "on vehicle service and adjustments".



GENERAL EXPLODED VIEW

NOMENCLATURE

Ref. No.

1. Screw and washer (2), fuel meter cover (short)
2. Screw and washer (3), fuel meter cover (long)
3. Fuel meter cover and accumulator assembly
4. Screws and washer (4), diaphragm cover
5. Cover spring and diaphragm
6. Retainer spring
7. Spring, accumulator diaphragm
8. Diaphragm assembly, accumulator
9. Gasket, fuel outlet passage
10. Gasket, fuel meter cover

NOMENCLATURE

Ref. No.

1. Screw and washer (2), fuel meter cover (short)
2. Screw and washer (3), fuel meter cover (long)
3. Fuel meter cover and regulator assembly
4. Screw and washer (4), diaphragm cover
5. Cover, spring and diaphragm
6. Spring, pressure regulator diaphragm
7. Diaphragm assembly, pressure regulator
8. Gasket, fuel outlet passage
9. Gasket, fuel meter cover

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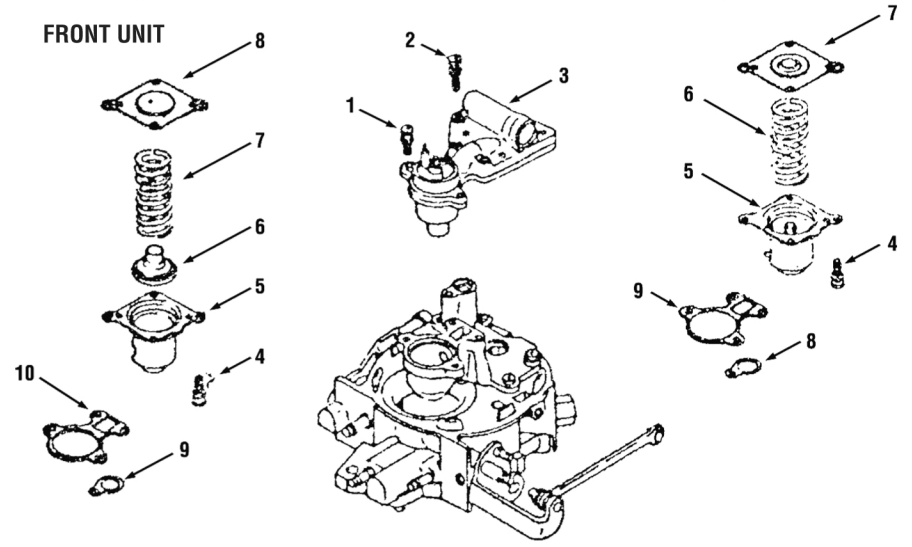
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REASSEMBLY:
Reassemble unit in reverse order of disassembly.
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SPECIAL INSTRUCTIONS:
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Remove alignment bolts and install remaining screws.
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GENERAL EXPLODED VIEW

NOMENCLATURE

Ref. No.

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2. Screw and washer (3), fuel meter cover (long)
3. Fuel meter cover and accumulator assembly
4. Screws and washer (4), diaphragm cover
5. Cover spring and diaphragm
6. Retainer spring
7. Spring, accumulator diaphragm
8. Diaphragm assembly, accumulator
9. Gasket, fuel outlet passage
10. Gasket, fuel meter cover

NOMENCLATURE

Ref. No.

1. Screw and washer (2), fuel meter cover (short)
2. Screw and washer (3), fuel meter cover (long)
3. Fuel meter cover and regulator assembly
4. Screw and washer (4), diaphragm cover
5. Cover, spring and diaphragm
6. Spring, pressure regulator diaphragm
7. Diaphragm assembly, pressure regulator
8. Gasket, fuel outlet passage
9. Gasket, fuel meter cover

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