



OIL PUMP REPLACEMENT SPRING INSTRUCTIONS

KITS #22851, #22852, 22853

-The pressure opening data is based on normal oil temperature conditions of 120° to 150° oil temperature and a mid-grade 10W-40 to 20W-50 oil weight.

-Increasing the spring pressure will not raise the idle rpm oil pressure. Once the oil is at operating temperature, a properly sized pump will open the bypass above idle rpm, around 2500 to 3000 rpm.

-For kits #22851 & #22852, the wide coil end goes against the tension pin or plug and should be assembled as shown (See Fig.1 & Fig. 2)



Fig. 1

**For Technical Assistance, call Moroso's Tech Line
(203)-458-0542, 8:30am-5:00pm Eastern Time
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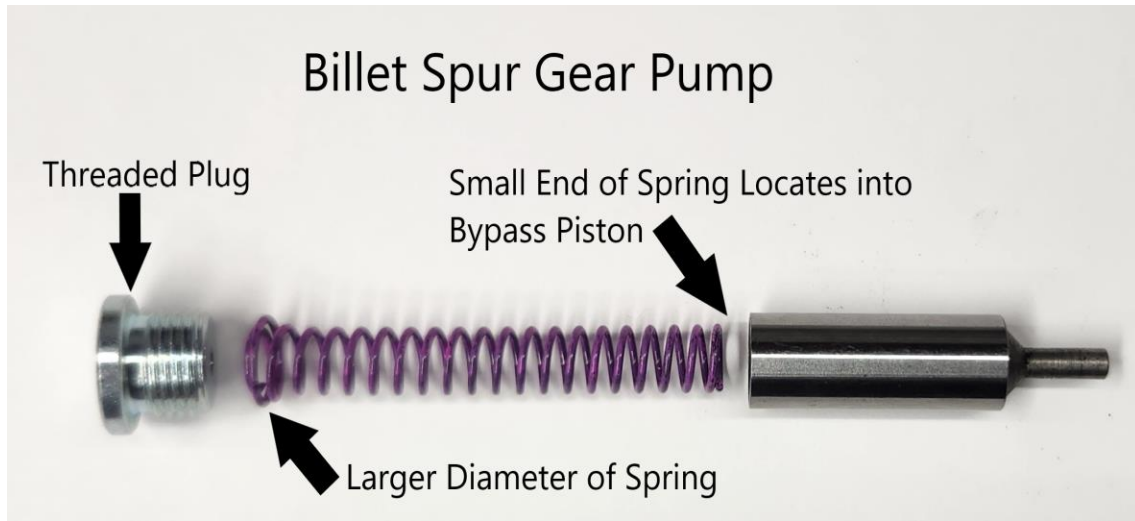
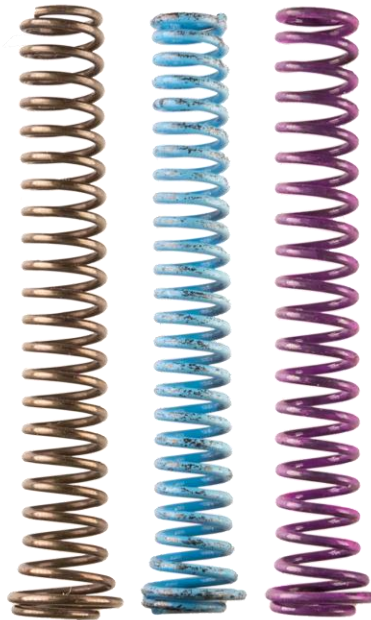


Fig. 2

Kit #22851 – BBC Cast & Billet Wet Sump Pumps & Tri-Lobe Pump Series



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Light Blue Spring – Lightest pressure – 50 - 60 PSI

2.436" Overall length - .041" Wire Diameter – 22 Active Coils

Purple Spring – Medium pressure – 60 - 70 PSI

2.445" Overall length - .043" Wire Diameter – 22 Active Coils

Brown Spring – Heaviest Pressure – 70 - 80 PSI

2.578" Overall Length - .043" wire Diameter – 22 Active Coils

Kit #22852 – SBC Billet Wet Sump Pumps



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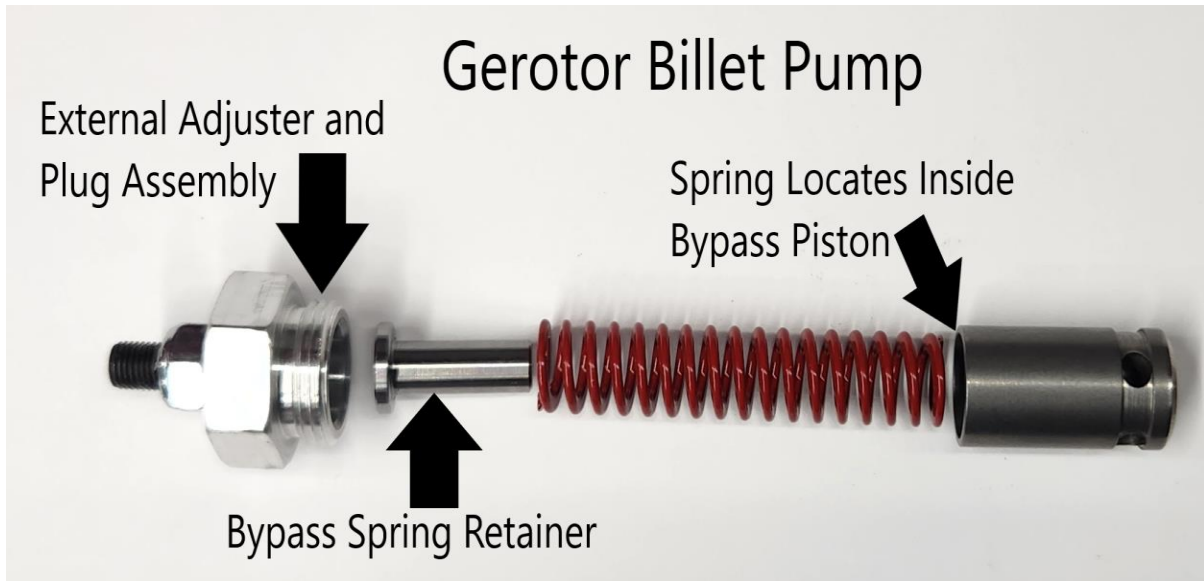


Brown Spring – Lightest pressure – 50 - 60 PSI

2.240" Overall length - .036" Wire Diameter – 21 Active Coils

Purple Spring – Medium pressure – 60 - 70 PSI

2.300" Overall length - .039" Wire Diameter – 18 Active Coils



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Kit #22853 – Gerotor Wet & External Pumps and Dry Sump Pumps



Blue Spring – Lightest pressure – 60 - 70 PSI
2.500" Overall length - .052" Wire Diameter – 16 Active Coils

Red Spring – Heaviest pressure – 70 - 80 PSI
2.585" Overall length - .052" Wire Diameter – 15 Active Coils

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