

Tool & Product Update

Model 353 Tool Improvement—S/N 9296 and above New Front Trip Valve Kit

The new Trip Valve Kit, P/N 114220, includes components to improve reliability—an improved spring and bumper design is featured.

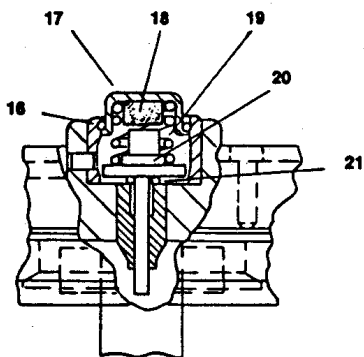
The reference numbers 16, 17, 18, 19, 20 & 21 in Figure 5 of the Model 353-354 Instruction Manual, Form 8-30, are identical with reference numbers appearing in this Product Bulletin. For additional disassembly and assembly instructions refer to Model 353-354 Instruction Manual.

Disassembly

WARNING

Hold Front Trip Valve Cover down when removing Valve Cover Retainer. Front Trip Valve Spring may cause cover to eject forcibly when retainer is removed. Severe personal injury may occur if cover is not restrained.

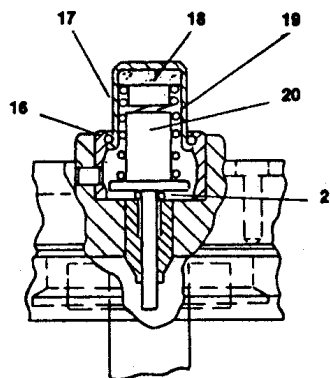
1. Depress Front Trip Valve Cover (1-17). Hold cover down and use a scribe, or other pointed object, to remove Valve Cover Retainer (1-16).
2. Remove Front Trip Valve Cover (1-17), Bumper (1-18), Spring (1-19), Front Trip Valve (1-20) and O-ring (1-21).
3. Remove O-ring (1-21) from Front Trip Valve (1-20).



**Figure 1—Front Trip Valve
Serial no. 9295 and below**

Assembly

1. Place O-ring (2-21) on stem of Front Trip Valve (2-20).
2. Insert Front Trip Valve (2-20) into Inner bushing. Drop Front Trip Valve Spring (2-19) over head of front trip valve and place Front Trip Valve Bumper (2-28) inside of spring.
3. Place Front Trip Valve Cover (2-17) into outer bushing. Depress cover and install Valve Cover Retainer (2-16) in internal groove of outer bushing.



**Figure 2—Front Trip Valve Kit, P/N 114220
Serial no. 9296 and above**

Parts List for Front Trip Valve Kit, P/N 114220

Ref. No.	Part Number	No. Req.	Description
2-17	114221	1	Cover-Front Trip Valve
2-18	114223	1	Bumper-Front Trip Valve
2-19	114224	1	Spring-Front Trip Valve
2-20	114222	1	Valve-Front Trip
2-21	500772	1	O-ring -- AS 568-006