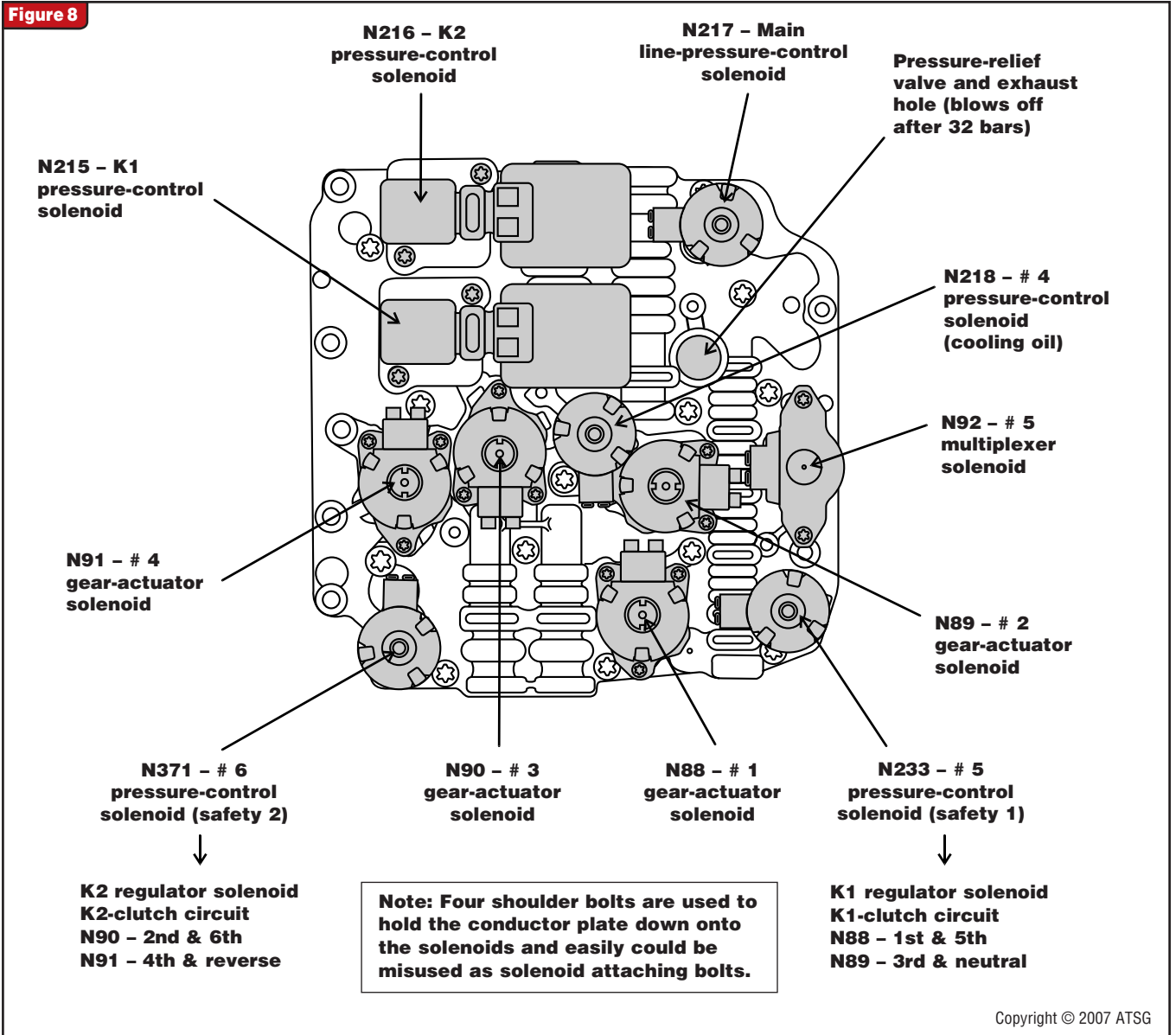


Figure 8



Each of the clutches (K1 and K2) has its own solenoid with which its assigned clutch is cycled on and off during gear changes, as you can see in the upper-left corner of Figure 8 (N215 for K1 and N216 for K2). Greater details of this solenoid and all the others, as well as other components integral to the Mechatronics, will be discussed in part 3 of this article.

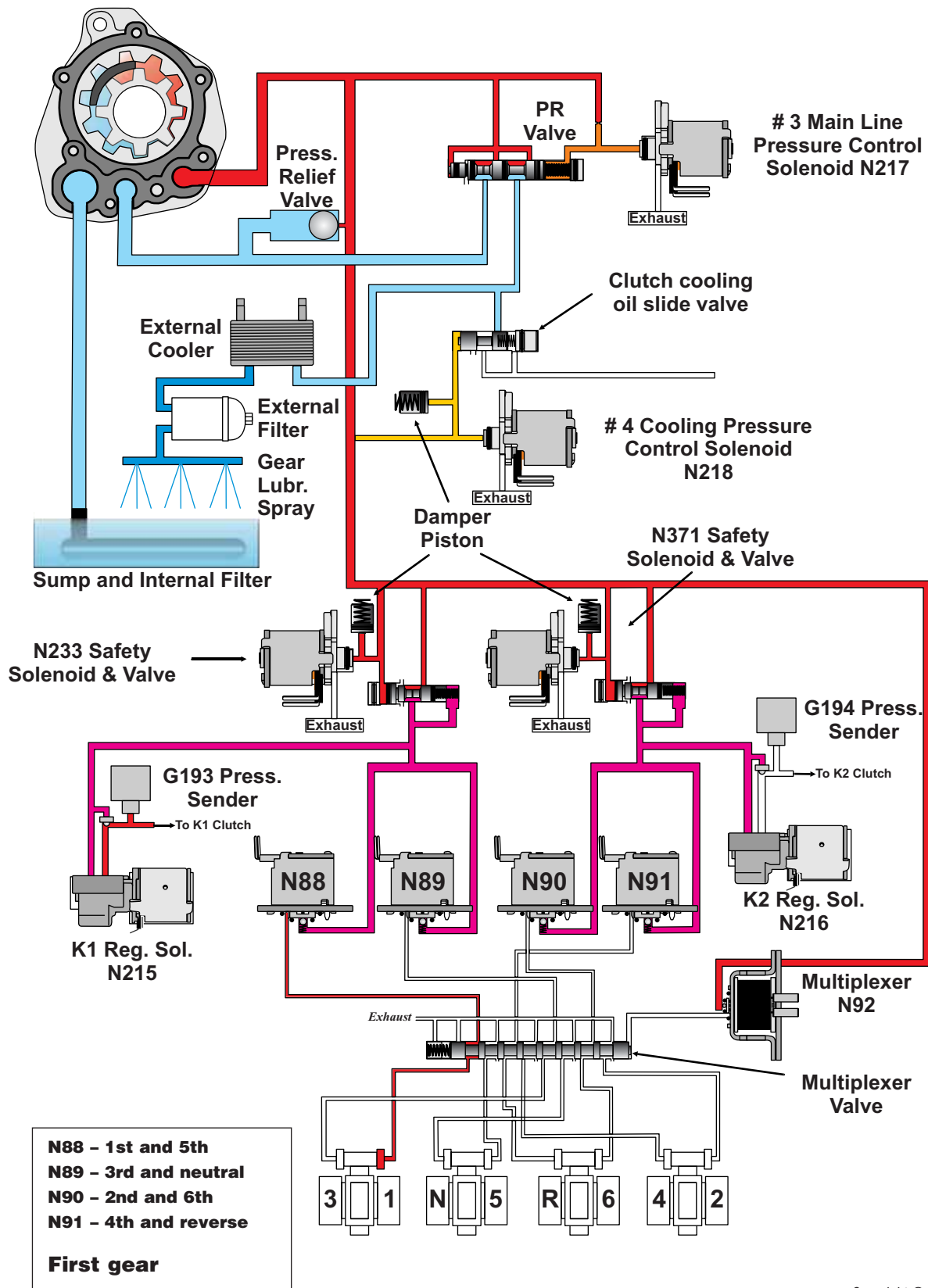
The next four solenoids (N88, N89, N90 and N91) make up the shift-solenoid group. N88 is responsible for 1st and 5th gears, N89 takes care of 3rd and neutral, N90 handles 2nd and 6th, and N91 provides 4th and reverse.

For each of these shift solenoids to be able to provide two different gears at different times, a “multiplexer” valve in the valve body (see Figure 9) is

text continues on page 48

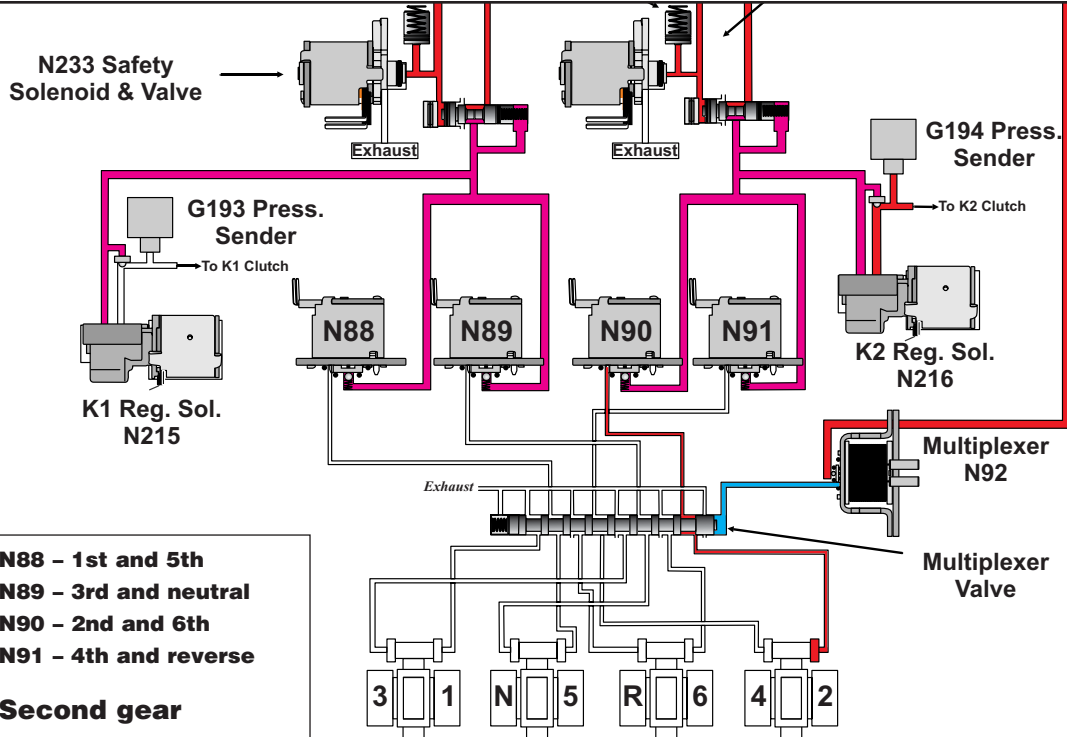


Figure 10



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Figure 11



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