Hydraulic Components And Control Systems
Chapter 128

ACROSS
1. ____________ is highly refined oil with a viscosity similar to SAE 20W-20 oil, and is specially designed for use in an automatic transmission.
2. Every transmission uses a _________ to control hydraulic pressure.
3. A ________ is where most of the valves in a transmission are located.
4. The ATF returns to the transmission/transaxle through passages that lubricate the internal moving parts. The returned fluid is called ________.
5. Valve bodies have many fluid passages sometimes called ________.
6. A _________ is the forward speed that is used if there is a failure in the electronic or computer system.
7. The ____________ provides rigidity and contains calibrated holes and openings that help manage fluid flow.
8. A _________ is a spring-loaded spool valve that controls the transmission upshift and downshift circuits.
9. The ________--_______ consists of a plate, a piston, drum, and snap ring.
10. A _________ balances both the spring pressure and the hydraulic pressure.
11. The pressure plate and clutch assembly components fit into either a _________ or a machined bore in the transmission case.
12. The ________--_______ is the primary flow-directing valve in an automatic transmission.
13. The planetary gear set member held is known as a ____________.
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22. The planetary gear set member held is known as a ____________.
23. A _________ allows fluid to flow in one direction.

DOWN
1. Some piston-type accumulators share a bore called an _________ with one of the transmission services.
2. ________ are the mechanical or hydraulic assemblies that provide the force to hold or drive members of a planetary gear set.
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