Drum Brakes
Chapter 99

ACROSS
1. __________ occurs when the brake drum gets so hot it expands away from the brake linings.
2. __________ occurs when the friction coefficient of the brake lining material drops off sharply because intense heat makes it slippery.
3. The curved metal piece on the outer portion of the shoe is called the __________.
4. __________ is the loss of stopping power that occurs when excessive heat reduces the friction between the brake shoe linings and the drum.
5. The __________ contain three groups of letters and numbers.
6. __________ prevent the brake shoes from rotating with the drum when the brakes are applied.
7. This play enables the assembly to absorb vibration, and the result is that __________ operate more quietly than bonded linings.
8. __________ occur when moisture is trapped between the shoes and drum, where it acts as a lubricant.
9. __________ occurs when moisture is trapped between the shoes and drum where it acts as a lubricant.
10. The lip fits into a machined groove in the open edge of the brake drum to provide an even better water barrier or seal, this type of seal is called a __________.
11. The upper ends of the webs on dual-servo brake shoes have semi-circular cutouts called __________.
12. A the time of purchase, a __________ is added to the cost of the relined parts.
13. On some shoes, the edge of the lining table contains small V- or U-shaped notches called __________.
14. __________ occurs under extended hard braking from high speeds, a thin layer of hot gases and dust particles can build up between the brake shoe linings and drum.
15. __________ use high-temperature adhesive to glue the brake block directly to the shoe lining table or pad backing plate.

DOWN
1. __________ occurs when the friction coefficient of the brake lining material drops off sharply because intense heat makes it slippery.
2. __________ occurs when the friction coefficient of the brake lining material drops off sharply because intense heat makes it slippery.
3. The curved metal piece on the outer portion of the shoe is called the __________.
4. __________ is the loss of stopping power that occurs when excessive heat reduces the friction between the brake shoe linings and the drum.
5. The __________ contain three groups of letters and numbers.
6. __________ prevent the brake shoes from rotating with the drum when the brakes are applied.
7. This play enables the assembly to absorb vibration, and the result is that __________ operate more quietly than bonded linings.
8. __________ occur when moisture is trapped between the shoes and drum, where it acts as a lubricant.
9. __________ occurs when moisture is trapped between the shoes and drum where it acts as a lubricant.
10. The lip fits into a machined groove in the open edge of the brake drum to provide an even better water barrier or seal, this type of seal is called a __________.
11. The upper ends of the webs on dual-servo brake shoes have semi-circular cutouts called __________.
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14. __________ occurs under extended hard braking from high speeds, a thin layer of hot gases and dust particles can build up between the brake shoe linings and drum.
15. __________ use high-temperature adhesive to glue the brake block directly to the shoe lining table or pad backing plate.