

Brakes

One of the most common causes of truck accidents is the failure of the brakes and brake system. Again, basic maintenance and regular checks are essential. Make this your company's priority - don't endanger the driver, the vehicle and the road users.

Are your brakes ready for the road?

Checklist - External and Under Chassis

BRAKES	Truck		Trailer	
	GOOD	BAD	GOOD	BAD
External Checks				
1. Check Air Suzie's are not broken or kinked & couplings non interchangeable				
2. Check color coding Red-Emergency Yellow-Service and line tags are correct				
3. Check Electrical Suzie's are not broken or not coupled i.e. brakelights, indicators etc.				
4. Check for Trailer Data and Load Sensing Data Plates are present on vehicle				
5. Check park brake is functioning - valve does not leak after application and release				
Under Chassis Inspection:				
1. Check Air brake system for Air leaks	GOOD	BAD	GOOD	BAD
2. Check Nylon piping for kinking				
3. Check Rubber hoses for chafing or tears or perishing				
4. Drain Air reservoirs and check for excessive moisture				
5. Check Load sensing rubber linkages are secure and not perished / down rod connected				
6. Check correct slack adjuster hole is used on each axle i.e. same left & right				
7. Check that all visible mechanical components are OK				
8. Check Pushrods (bent, rubbing, 90° to slack & clevis don't rub on slacks etc.)				
9. Check all visible mechanical components are OK (suspension springs, air bags, auto slack etc.)				
10. Check all service foundation brakes are functioning				
11. Check if the caging bolts are present on the vehicle to release the spring brakes				

ABS / EBS Components

- | | GOOD | BAD | GOOD | BAD |
|---|------|-----|------|-----|
| 1. Is ABS working ie. ABS valves "click" blow down on brake application / ignition on off | | | | |
| 2. Is ABS / EBS warning light on Truck dashboard or trailer headboard functioning (Green light) | | | | |
| 3. Is electrical wiring in good condition, i.e. sensor cables burnt / broken | | | | |

Comments:
