G503 WWII Military Jeep Brake Adjustments and Troubleshooting WW2 Restoration

This Article describes how to make brake troubleshootng and adjustments for your WWII Jeep. Applies to 1942,42,1943,43,1944,44,1945 Jeeps models

| This article is a work in process. The |
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| foundation of this article came from |
| the TM-1513 brake section which |
| describes trouble shooting your |
| brakes. This article also has |
| suggestions from users who have |
| experienced issues with brakes as |
| well. |


| (3) Brake Grabs/Pulls to one side <br> Symptoms <br> a. Brake anchor pin adjustment incorrect <br> b. Oil or brake fluid on lining <br> c. Dirt between lining and drum <br> d. Drum scored or rough <br> e. Loose wheel bearing <br> f. Axle spring clips loose <br> g. Brake backing plate loose <br> h. Brake lining <br> i. Brake shoes reversed <br> j. Tires under-inflated <br> k. Tires worn unequally | Most likely Remedy a. Adjust anchor pin<br>b. Replace lining c. Clean with wire brush d. Turn drum/replace lining e. Adjust wheel bearing f. Tighten spring clips g . Tighten backing plate h. Different kinds on opposite wheels i. Primary/Secondary shoes reverse j. Inflate to 30 lbs . pressure k. Replace/change to opposite wheel. |
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| (4) Excessive Pedal Travel <br> Symptoms <br> a. Normal lining wear <br> b. Lining worn out <br> c. Leak in brake line <br> d. Scored brake drums <br> e. Incorrect brake lining <br> f. Air in hydraulic system | Most likely Remedy a. Adjust b. Replace lining c. Locate and repair d. Replace or Regrind e. Replace brake lining f. Fill master cylinder/bleed lines |
| (5) Spongy Brake Pedal <br> Symptoms <br> a. Air in Lines <br> b. Brake shoe adjustment incorrect. | Most likely Remedy a. Bleed lines b. Adjust brake shoes |
| (6) Excessive Pedal Pressure <br> Symptoms <br> a. Oil or brake fluid on lining <br> b. Shoes improperly adjusted <br> c. Warped brake shoes <br> d. Distorted brake drums | Most likely Remedy a. Replace lining b. Major adjustment c. Replace brake shoes d. Replace or regrind drums |


| 7. Squeaky Brakes |
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| Symptoms |
| a. Brake shoes warped or drum |
| distorted |
| b. Lining loose |
| c. Dirt imbedded in lining |
| d. Improper adjustment |$\quad$| Most likely Remedy a. Replace |
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| brake shoes and/or drums b. Replace |
| lining c. Clean with wire brush or |
| replace d. Adjust properly |

