



## TROUBLE SHOOTING

**NOTE:**if the transmission fluid is black or has a burnt smell or if there is an abnormal number of metal chips in oil pan, either recondition transmission or exchange.

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**Complaint:**  
**Transmission slips in all selector lever positions.**

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**Cause/Remedy:**

1. Check modulating pressure and adjust, if required. If not adjustable, check modulating pressure control guide for easy operation.
  2. Check vacuum line from intake manifold to vacuum capsule for passage and renew, if clogged.
  3. Check working pressure, whether it is too low or not available.
    - a) Disassemble and clean shift valve housing, make working pressure control slide operable and exchange shift valve housing, if required.
    - b) Remove and check primary pump, renew if required.
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**Complaint:**  
2nd speed slips or transmission shifts from 1st to 3rd.

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**Cause/Remedy:**

1. Check control slide B1 for easy operation and exchange shift valve housing, if required.
  2. Remove and install brake band piston B1, check lip sealing ring and renew, if required.
  3. Renew brake band B1 and thrust body for B1.
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**Complaint.**

**Transmission slips when starting at 1st or 2nd speed or forward start impossible but reverse speed in order.**

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**Cause/Remedy:**

1. Make shift valve B2 operable, exchange shift valve housing, if required.
  2. Renew brake band piston B2.
  3. Readjust brake band B2 by installation of a longer thrust pin. If the brake band is heavily worn or broken, renew brake band.
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**Complaint:**

**Transmission slips during 2-3 shift, or slips at first and then grips hard.**

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**Cause /Remedy:**

1. Check modulating pressure and adjust, if required.
  2. Check whether temperature is installed.
  3. Exchange shift valve housing.
  4. Renew inner plate of clutch K1, recondition clutch according to condition.
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**Complaint:**

**Transmission slips during 3-4 shift.**

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**Cause/Remedy:**

1. Check modulating pressure and adjust, if required.
  2. Exchange shift valve housing.
  3. Renew inner plates of clutch K2, recondition clutch according to condition.
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