

Brake system troubleshooting guide



| Trouble | Cause | Comment | Part | Brand new | Used | Must be send back | Must be rebuilt with repair kit | Must be replaced |
|----------------------|---------------------------------------|---|-----------------|-----------|------|-------------------|---------------------------------|------------------|
| Front wheel not free | Caliper misalignment | Use spacing washers from the kit | Caliper | ○ | | | | |
| | Caliper misalignment | Check the front fork alignment (After crash) | Caliper | | ○ | | | |
| | Stuck piston | Unknown reason | Caliper | ○ | | ○ | ○ | |
| | Stuck piston | Brake cleaner/Oil on the caliper or wrong brake fluid | Caliper | | ○ | ○ | ○ | |
| | Bent pads or worn | Replace the pads | Pads | | | | | |
| | Master cylinder closed | Check the lever is in the intial position (check hand gard) or the brake light switch thightened too deep | Master cylinder | | | | | |
| | Master cylinder closed | Seals dammaged because wrong brake fluid | Master cylinder | | ○ | ○ | ○ | |
| | Too much brake fluid in the reservoir | Remove some brake fluid | Master cylinder | | | | | |
| Impossible to bleed | Master cylinder closed | Check the lever is in the intial position (check hand gard) or the brake light switch (thightened too deep) | Master cylinder | | | | | |
| | Master cylinder closed | Seals dammaged because wrong brake fluid | Master cylinder | | ○ | ○ | ○ | |
| | Master cylinder closed | Wrong initial adjustment of the death travel | Master cylinder | ○ | | ○ | | ○ |
| Lost pressure | Internal leakage | Master cylinder scratched inside | Master cylinder | | ○ | | | ○ |
| | Internal leakage | Primary or secondary cup dammaged | Master cylinder | | ○ | ○ | ○ | |
| Soft lever | Air in the brake line | Bleed | Complete system | ○ | ○ | | | |
| | Wrong size of master cylinder | Choose the size up | Master cylinder | ○ | ○ | | | ○ |
| | Caliper misalignment | Check the front fork alignment (after crash) | Master cylinder | | | | | |
| Hard lever | Wrong size of master cylinder | Choose the size down | Master cylinder | ○ | ○ | | | ○ |
| | Too much brake fluid in the reservoir | Remove some brake fluid | Master cylinder | ○ | ○ | | | |
| | Master cylinder closed | Check the lever is in the intial position (check hand gard) or the brake light switch thightened too deep | Master cylinder | ○ | ○ | | | |
| | Master cylinder closed | Seals dammaged because wrong brake fluid | Master cylinder | | ○ | ○ | ○ | |

| Trouble | Cause | Comment | Part | Brand new | Used | Must be send back | Must be rebuilt with repair kit | Must be replaced |
|----------------------------------|------------------|---|-----------------|-----------|------|-------------------|---------------------------------|------------------|
| Lost pressure or/and brake fluid | External leakage | Master cylinder scratched inside | Master cylinder | | 0 | | | 0 |
| | External leakage | Primary or secondary cup dammaged | Master cylinder | | 0 | 0 | 0 | |
| | External leakage | Copper washers dammaged | Copper washers | | 0 | | | 0 |
| | External leakage | Leacky hose | Hose | | 0 | | | 0 |
| | External leakage | Brake cleaner/Oil on the caliper or wrong brake fluid | Caliper | | 0 | 0 | 0 | |
| | External leakage | Unknown reason | Caliper | 0 | | 0 | 0 | |