

SECTION 8 TROUBLE SHOOTING

MALFUNCTION (SYMPTOM)	PROBABLE CAUSE	CORRECTIVE ACTION
Electric starter inoperative	<ol style="list-style-type: none"> 1. Loose electrical connections 2. Battery charge low or dead 3. Faulty starter motor 	<ol style="list-style-type: none"> 1. Clean and re-tighten electrical connections 2. Recharge battery or replace as necessary 3. Return the vehicle to an Argo dealer for servicing
Engine turns over but will not start	<ol style="list-style-type: none"> 1. Engine is cold and choke is not pulled out 2. Fuel tank is empty 3. Blocked fuel or air filter 4. Carburetor adjustment too lean 5. Spark plugs defective or fouled 6. Ignition system inoperative 7. Insufficient compression 	<ol style="list-style-type: none"> 1. Pull out the choke and try to start again 2. Refill tank 3. Remove obstruction or replace filter as necessary 4. Adjust as detailed in the engine manufacturer's manual 5. Clean and re-gap or replace 6. Have unit serviced by a properly trained and equipped mechanic 7. Take the vehicle to a factory authorized engine repair outlet
Engine will not run		<ol style="list-style-type: none"> 1. Refer to engine manual
Vehicle will not move or turn	<ol style="list-style-type: none"> 1. Transmission in neutral or not properly engaged in gear 2. Drive belt worn (see Section 7.2.1) 3. Clutch not engaging 4. Transmission failure 5. Brakes not functioning 6. Idler chain broken 7. Idler sprocket weld broken 	<ol style="list-style-type: none"> 1. Place gear shift properly in gear 2. Replace belt if worn excessively 3. Return the vehicle to an Argo dealer for servicing 4. Same as 3. above 5. Adjust caliper or replace brake pads 6. Repair or replace 7. Have vehicle serviced by an Argo dealer
Vehicle pulls to right	<ol style="list-style-type: none"> 1. Right tire pressure too low 2. Left tire pressure too high 3. Right brake engaged 4. Right side drive chain broken 	<ol style="list-style-type: none"> 1. Inflate all tires to the correct pressure 2. Same as above 3. Make sure the handlebar is held parallel to the dash. Adjust brake assembly if required. 4. Repair or replace
Vehicle pulls to left	<ol style="list-style-type: none"> 1. See "Vehicle pulls to right" - substitute right with left 	
HDi and HD - Vehicle does not shift into Hi from Low or Low from Hi	<ol style="list-style-type: none"> 1. Hi/Low shift cable adjustment 	<ol style="list-style-type: none"> 1. Take the vehicle to an Argo dealer for servicing
Handbrake failure - Avenger and Frontier - HDi and HD	<ol style="list-style-type: none"> 1. Worn brake pads, brake cable adjustment 2. Worn brake pads 3. Leaking caliper or brake lines or air in system 	<ol style="list-style-type: none"> 1. Change pads or adjust brake cable 2. Change pads 3. Take the vehicle to an Argo dealer for servicing

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Severe vibration when vehicle is operated	<ol style="list-style-type: none"> 1. Engine loose on mounts 2. Driver or driven clutch or engine defective 3. Axle bent 4. Wheel rim bent 5. Worn or damaged drive belt 	<ol style="list-style-type: none"> 1. Take vehicle to an Argo dealer for service. 2. Same as above. 3. Remove and straighten or replace. 4. Replace. 5. Replace. Clutch service may be required.
Water leaks into lower body	<ol style="list-style-type: none"> 1. Leak has developed at the axle bearing flange 2. Bearing flange seal has been damaged 3. Water is leaking in around the outer bearing flange bolts 4. Lower body is cut or punctured 5. Drain plugs not in place 	<ol style="list-style-type: none"> 1. Replace the bearing flange gaskets. 2. Replace the bearing flange seal. 3. Caulk under 103-81 bolt heads with silicone sealer. 4. Repair or replace vehicle lower body 5. Secure drain plugs.
Tire leaks air	<ol style="list-style-type: none"> 1. Tire is punctured 2. Tire is not properly seated on bead 3. Position of air leak is not obvious 4. Defective valve 	<ol style="list-style-type: none"> 1. Remove tire from rim and repair the hole with a radial tire patch or install a tube in the tire. 2. Deflate tire and carefully push tire bead off the rim. Clean the rim bead area to remove dirt and foreign matter. Re-inflate tire. 3. Submerge tire and rim in a water tank. Air may be escaping through the rim halves or the valve stem. Repair as required. 4. Replace defective valve.
Hydraulic brakes are spongy, or there is excessive handle bar travel	<ol style="list-style-type: none"> 1. Air in hydraulic system 2. Leak in system 3. Loose brakes 	<ol style="list-style-type: none"> 1. Have an Argo dealer bleed the brake 2. Have an Argo dealer check all fittings, hoses, calipers and seals for loose connections or leakage. Refill as needed. 3. Adjust or tighten.
Brakes ineffective	<ol style="list-style-type: none"> 1. Pads have overheated and glazed 2. Pads worn beyond 0.10" 3. Pads are contaminated with lubricant 	<ol style="list-style-type: none"> 1. Have the pads cleaned by an Argo dealer or replace pads. 2. Replace. 3. Have the pads cleaned by an Argo dealer or replace pads.
There is a loud bang when the vehicle is turned right or left	<ol style="list-style-type: none"> 1. Idler chains worn/loose 2. Drive chains worn/loose 	<ol style="list-style-type: none"> 1. Adjust/replace idler chains as required. 2. Adjust/replace drive chains as required.
Vehicle does not steer left or right	<ol style="list-style-type: none"> 1. Worn or contaminated brake pads 2. Leaking caliper or brake lines or air in system 	<ol style="list-style-type: none"> 1. Change pads 2. Take the vehicle to an Argo dealer for servicing