

Brookville Equipment Corporation

Product Information Bulletin 66

Brookville Battery Powered Man Trips and Personnel Carriers with Wet Disc Brakes

Instructions for Proper Use of Vehicle Run/Tow Feature

Purpose:

To reinforce proper usage of the Vehicle Run/Tow feature of affected units and alert all mine owners and personnel to the potential consequences of knowingly or unknowingly utilizing this feature in an improper or unauthorized manner.

Action:

Proper action must be taken to ensure that all mine personnel who may operate or come in contact with Brookville Equipment Corporation 9 and 13 Man Battery Personnel Carriers with Wet Disc Brakes have been trained on the safe and proper operation of the equipment by a competent, authorized individual and have read and understand the Operator's Manual provided by Brookville Equipment Corporation.

The 9 and 13 Man Battery Personnel Carrier is equipped with a manual hydraulic pump and a Run/Tow valve that, when used in accordance with the procedure outlined in the Operator's Manual, permits safe and effective release of the park brake in order to tow the vehicle in the event that it is disabled. This is achieved by selecting the "Tow" position on the Run/Tow Valve and releasing the park brake using the manual hydraulic pump. Once repairs are complete and the unit is ready to return to service, it is critical that the mechanic and the operator who is conducting the pre-operational inspection verify that the Run/Tow valve is returned to the "Run" position. ***Failure to return the Run/Tow valve to the "Run" position prior to operation may result in the park brake being disabled and/or the park brake failing to apply during operation. Furthermore, it may be possible for an operator to tram the vehicle with the park brake manually released and the main hydraulic pump rendered in-operable. This potential situation will result in limited or loss of service brake operation. The Run/Tow Valve must always be in the "Run" position! The Run/Tow Valve and Hand Pump are only for manually releasing the Park Brake for towing the vehicle. Consult your Brookville Operator's Manual for details.***

During normal operation, the 9 and 13 Man Battery Personnel Carrier will not tram without the main hydraulic pump activated. The main hydraulic pump fulfills multiple operations on the unit, including the charging of an accumulator which acts as a reservoir for the service brake for the vehicle. If the main hydraulic pump is knowingly or unknowingly disabled in conjunction with the manual release of the park brake there is a potential for the unit to tram with limited or no service brake operation. Listed are the steps to be taken to determine if this condition exists with your vehicle:

1. Turn off the Battery Personnel Carrier and chock wheels to prevent movement of the machine

2. Energize machine by turning main circuit breaker to the “On” position
3. Press the green “Park Brake Release” button in the operator’s station and allow the main hydraulic pump to charge the hydraulic system including the accumulator
4. Once the hydraulic system is fully charged press the red “Park Brake Apply” button in the operator’s station
5. Turn the “Run/Tow” valve to the “Tow” position and release the park brake using the manual hand pump until the brake pressure meets or exceeds 1600 psi
6. Press the green “Run” button on the Saminco operator’s station and verify that the green light illuminates
7. Verify that the main hydraulic pump is not operating
8. Verify that you have a clear section of track to operate safely on and remove the wheel chocks, placing them approximately three feet out by the direction you intend to operate the vehicle
9. Turn the direction selection switch towards the out by wheel chocks and slowly apply throttle to the vehicle. ***Please note, the intention is not to tram the vehicle for any measurable distance, the goal is to note if the vehicle can or cannot be moved under its own power and to verify if the brakes are in fact released. If the vehicle does travel there is a possibility that you may not have operable service brakes at this time.***
10. If the vehicle will tram with the park brake manually released and the hydraulic pump rendered inoperable then corrective action must be taken.

Corrective Action:

Brookville Equipment Corporation is currently in the process of developing and testing a hydraulic upgrade that will prevent unit operation when the Run/Tow feature of the vehicle is not utilized properly. A copy of this Product Information Bulletin shall be inserted into all affected unit’s Operator’s Manuals. Please contact the Brookville Equipment Corporation Service Department with any questions using the information below:

Andy Cable, Vice President of Special Projects 814.849.6046
a_cable@brookvilleequipment.com

Harry Reitz, Service Manager – 814.849.6033
h_reitz@brookvilleequipment.com

Units Affected:

Brookville Equipment Corporation 9-Man Battery Personnel Carriers and 13-Man Battery Personnel Carriers equipped with PT Tech Wet Disc Brakes – Serial Numbers 9011 and up.