

RK06/RK07 PACK FORMATTER

ABSTRACT :

This utility can write, read and verify headers and data on a pack, reports the pack serial number, you can verify a pack with data on in a read-only mode and it formats a pack and all sectors found bad will be added to the "BAD SECTOR FILE". If this file is corrupted you will not be able to format this pack, you can fix this problem with the "ZR6R?? utility, RSX (BAD) or RSTS.

OPERATING PROCEDURES :

START ADDRESSES:

SA=200 normal starting

SA=204 restart address

This test has the standard address and vector in it.

To change this patch loc 2570 for RKBAS (normal 177440) and loc 2572 for RKVEC (normaly 210).

Load program, pack installed and drive ready.

You can get a help info with this diagnostic

Below is a example to format a pack in drice 0 (RK07)

DRIVE TYPE (6 OR 7) 7

DRIVE NUM =0

SECTOR/TRACK= <CR>

MODE= <CR>

EVEN CYLINDER PATTERN= <CR>

ODD CYLINDER PATTERN= <CR>

TRACK LIMITS= <CR>

OFFSET= <CR>

ANY SECTOR TO BE FLAGED BAD? (TYPE Y OR N)N<CR>

PRESERVE SOFTWARE BAD SECTOR FILES? (TYPE T OR N)Y<CR>

SOFTWARE DETECTED BAD SECTOR FILES PRESERVED

SWITCH SETTINGS :

SW15= 1 halt on error

SW14= 1 loop on current cylinder and track operation

SW13= 1 inhibit error typeout

SW12= 1

SW11= 1

SW10= 1 ring bell on error

SW09= 1

SW08= 1

SW07= 1 report summary of all bad sectors

SW01= 1 report all data in error

use "CONTROL G" to change software SWR at loc. 176