	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars	p10	n3	p8	n4	p6	n5	n1	p6	p6	n6	n3	n7	n4	n8	n5	n9
the-cdrs	nil	p3	p0	p5	p2	p9	n2	nil	p7	p11	p12	p13	p14	p15	nil	nil

new-cars																
new-cdrs																

root p4

free p16

scan

old

new

oldcr

relocate-
continue

Registers

root = (x y z)

x = (1 . 2)

y = (x x)

z = (3 4 5)