	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars	p10	n3		n4		n5		p6	p6	n6	n3	n7	n4	n8	n5	n9
the-cdrs	nil	p3	p2	p5	p0	p9	p1	nil	p7	p11	p12	p13	p14	p15	nil	nil

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
new-cars	p1	n1	p8													
new-cdrs	p2	n2	p0													

root p0
free p3
scan p1
old n1
new p2
oldcr p0

Label

gc-loop

Registers

root = (x y z)
x = (1 . 2)
y = (x x)
z = (3 4 5)

relocate-continue   update-car