	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
the-cars		n3		n4		n5				n6		n7		n8		n9
the-cdrs	p4	p3	p2	p5	p0	p9	p1	p5	p3	p11	p6	p13	p7	p15	p8	nil

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
new-cars	p1	n1	p3	p1	p6	p1	n3	n4	n5							
new-cdrs	p2	n2	p4	p5	nil	nil	p7	p8	nil							

root p0

free p9

scan p8

old nil

new nil

oldcr nil

Label

relocate-old-result-in-new

Registers

root = (x y z)

x = (1 . 2)

y = (x x)

z = (3 4 5)

relocate-continue   update-cdr