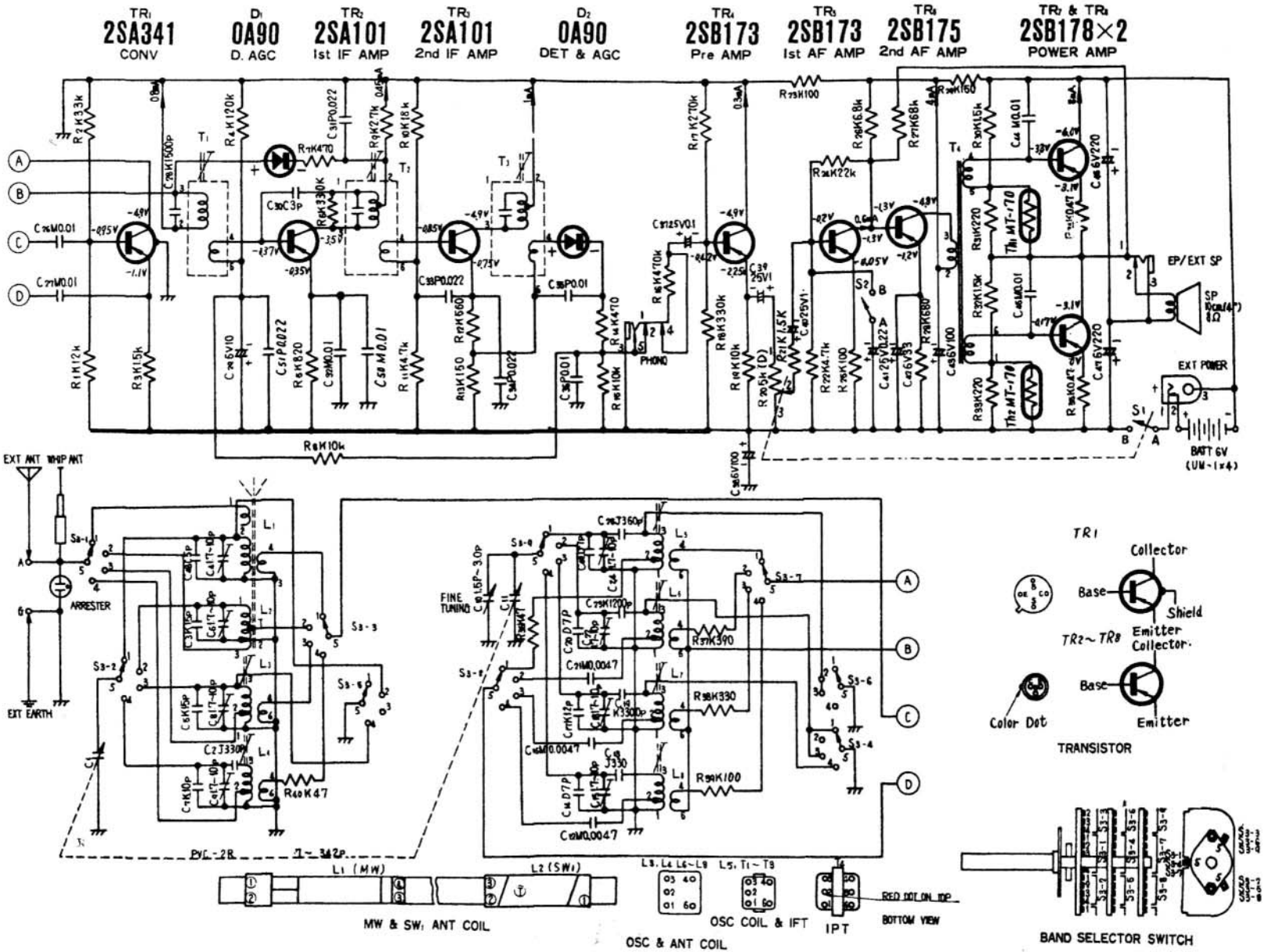NATIONAL R-421