



**Figure 7. Model for Replication-independent Replacement or Exchange**

A large molecular machine (either the SWR1 complex or RNA polymerase II) partially or completely unravels a nucleosome during transit. The result is either retention of heterodimeric subunits, such as the FACT-facilitated transfer of H2A•H2B from in front of RNA polymerase to behind (Formosa et al. 2002; Belotserkovskaya et al. 2003), or loss of a heterodimer. In the latter case, chromatin repair replaces the lost heterodimer with either H2AZ•H2B (*top*) or H3.3•H4 (*bottom*).