Sorry I left the book at home and non-one seems to have the current version. So this is a start:

1. From Jackson problem 12.1

2. From Jackson 12.2

3. From Jackson 12.6

4. From Jackson 12.14

5. Prove the steps which give 12.35 from 12.31 etc.

6. Show 12.93 with $J_\alpha = 0$ follows from 12.99 as described below that equation.

7. Show 12.109 does in fact to reduce to the previous displayed equation for $\vec{E}_{\text{field}}$ for suitably chosen components and when integrated over space.

8. From Jackson 12.20