

tesseract\_motion\_planners  
/ompl/include/tesseract  
\_motion\_planners/ompl/compound  
\_state\_validator.h

```
graph BT; A["tesseract_motion_planners  
/ompl/src/compound_state_validator.cpp"] --> C["tesseract_motion_planners  
/ompl/include/tesseract  
_motion_planners/ompl/compound  
_state_validator.h"]; B["tesseract_motion_planners  
/ompl/src/profile/ompl  
_default_plan_profile.cpp"] --> C;
```

This diagram illustrates the relationship between three files in the tesseract\_motion\_planners library. At the top is a header file, `compound_state_validator.h`, located in the `/ompl/include/tesseract_motion_planners/ompl/` directory. Below it are two source files. The file `compound_state_validator.cpp` in the `/ompl/src/` directory includes the header file, as indicated by the upward-pointing arrow. Similarly, the file `_default_plan_profile.cpp` in the `/ompl/src/profile/ompl/` directory also includes the same header file, as shown by its upward-pointing arrow.

tesseract\_motion\_planners  
/ompl/src/compound\_state  
\_validator.cpp

tesseract\_motion\_planners  
/ompl/src/profile/ompl  
\_default\_plan\_profile.cpp