

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;
```

The diagram illustrates the relationship between three files in the tesseract_motion_planners directory. At the top is a header file, `_state_validator.h`, located in the `/ompl/include/tesseract` subdirectory. Below it are two source files. The file on the left, `compound_state_validator.cpp`, is located in the `/ompl/src` subdirectory. The file on the right, `_default_plan_profile.cpp`, is located in the `/ompl/src/profile/ompl` subdirectory. Two blue arrows point from the source files to the header file, indicating that both source files include this header.

tesseract_motion_planners
/ompl/src/compound_state
_validator.cpp

tesseract_motion_planners
/ompl/src/profile/ompl
_default_plan_profile.cpp