**Functions straff\_drive\_motor\_assignments.h**

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| **Syntax** | void assignStraffDriveMotors() |
| **Purpose** | assign no motors to the straffing drive |
| **Entry Conditions** | NONE |
| **Code**  **Example** | //There are no motors for the straffing drive  assignStraffDriveMotors(); |

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| **Syntax** | void assignStraffDriveMotors(int one) |
| **Purpose** | assign one motor to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system |
| **Code**  **Example** | //assign one motor to the straffing drive  assignStraffDriveMotors(port1); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two); |
| **Purpose** | assign two motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system |
| **Code**  **Example** | //assign two motors to the straffing drive  assignStraffDriveMotors(port1, port2); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three) |
| **Purpose** | assign three motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system |
| **Code**  **Example** | //assign three motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four) |
| **Purpose** | assign four motors to the intake system to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system |
| **Code**  **Example** | //assign four motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four, int five) |
| **Purpose** | assign five motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system |
| **Code**  **Example** | //assign five motors to the intake to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four, int five, int six) |
| **Purpose** | assign six motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system * *six* - the sixth motor port in the system |
| **Code**  **Example** | //assign one motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5, port6); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four, int five, int six, int seven) |
| **Purpose** | assign seven motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system * *six* - the sixth motor port in the system * *seven* - the seventh motor port in the system |
| **Code**  **Example** | //assign one motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5, port6, port7); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four, int five, int six, int seven, int eight) |
| **Purpose** | assign eight motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system * *six* - the sixth motor port in the system * *seven* - the seventh motor port in the system * *eight* - the eighth motor port in the system |
| **Code**  **Example** | //assign one motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5, port6, port7, port8); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three,  int four, int five, int six, int seven, int eight, int nine) |
| **Purpose** | assign nine motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system * *six* - the sixth motor port in the system * *seven* - the seventh motor port in the system * *eight* - the eighth motor port in the system * *nine* - the ninth motor port in the system |
| **Code**  **Example** | //assign nine motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5, port6, port7, port8, port9); |

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| **Syntax** | void assignStraffDriveMotors(int one, int two, int three, int four, int five, int six, int seven, int eight, int nine,  int ten) |
| **Purpose** | assign ten motors to the straffing drive |
| **Entry Conditions** | * *one* - the first motor port in the system * *two* - the second motor port in the system * *three* - the third motor port in the system * *four* - the fourth motor port in the system * *five* - the fifth motor port in the system * *six* - the sixth motor port in the system * *seven* - the seventh motor port in the system * *eight* - the eighth motor port in the system * *nine* - the ninth motor port in the system * *ten* - the tenth motor port in the system |
| **Code**  **Example** | //assign ten motors to the straffing drive  assignStraffDriveMotors(port1, port2, port3, port4,  port5, port6, port7, port8, port9, port10); |