**CDX Distance Learning**

**Exercise #40**

**Multiple Countershaft Powerflow**

**Estimated Completion Time:** 30 mins.

**Student Name:** Click or tap here to enter text.

1. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_18_OD_RR_C1/MT_18_OD_RR_C1/MT_18_OD_RR_C1.html) to represent a RTLO-20918-B transmission, select the correct sliding clutch positions to place the transmission in low range, low split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
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2. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_18_OD_RR_C1/MT_18_OD_RR_C1/MT_18_OD_RR_C1.html)to represent a RTLO-20918-B transmission, select the correct sliding clutch positions to place the transmission in first gear, high split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
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3. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_18_OD_RR_C1/MT_18_OD_RR_C1/MT_18_OD_RR_C1.html)to represent a RTLO-20918-B transmission, select the correct sliding clutch positions to place the transmission in fourth gear, low split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
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4. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_18_OD_RR_C1/MT_18_OD_RR_C1/MT_18_OD_RR_C1.html)to represent a RTLO-20918-B transmission, select the correct sliding clutch positions to place the transmission in fifth gear, high split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
|[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

5. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_18_OD_RR_C1/MT_18_OD_RR_C1/MT_18_OD_RR_C1.html)to represent a RTLO-20918-B transmission, select the correct sliding clutch positions to place the transmission in eight gear, low split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
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6. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_13_OD_RR_C1/MT_13_OD_RR_C1/MT_13_OD_RR_C1.html) to represent a RTLO-14613-B transmission, select the correct sliding clutch positions to place the transmission in second gear.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
|[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

7. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_13_OD_RR_C1/MT_13_OD_RR_C1/MT_13_OD_RR_C1.html)to represent a RTLO-14613-B transmission, select the correct sliding clutch positions to place the transmission in fourth gear.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
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8. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_13_OD_RR_C1/MT_13_OD_RR_C1/MT_13_OD_RR_C1.html)to represent a RTLO-14613-B transmission, select the correct sliding clutch positions to place the transmission in sixth gear, high split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
|[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

9. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_13_OD_RR_C1/MT_13_OD_RR_C1/MT_13_OD_RR_C1.html)to represent a RTLO-14613-B transmission, select the correct sliding clutch positions to place the transmission in seventh gear, low split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
|[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

10. Using [**this animation**](http://d2jw81rkebrcvk.cloudfront.net/assetscdx2/202003%20-%20COVID/Assessments/MS/ANIM/MT/MT_13_OD_RR_C1/MT_13_OD_RR_C1/MT_13_OD_RR_C1.html)to represent a RTLO-14613-B transmission, select the correct sliding clutch positions to place the transmission in eighth gear, high split.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sliding Clutch 1** | **Sliding Clutch 2** | **Sliding Clutch 1** | **Split** | **Range** |
| **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **N** | **REAR** | **FWD** | **REAR** | **FWD** | **REAR** |
|[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]